



600# Flanged Immersion Heaters - Type IF

Applications:

60 and 45 Watts Per Square Inch

For heating clean water only in commercial and/or residential applications.

30 and 35 Watts Per Square Inch

For Fuel Gas , low temperature air and gas heating

23 and 20 Watts Per Square Inch

For heat transfer oil, cleaners, high temperature air and gas heating.

15 and 12 Watts Per Square Inch

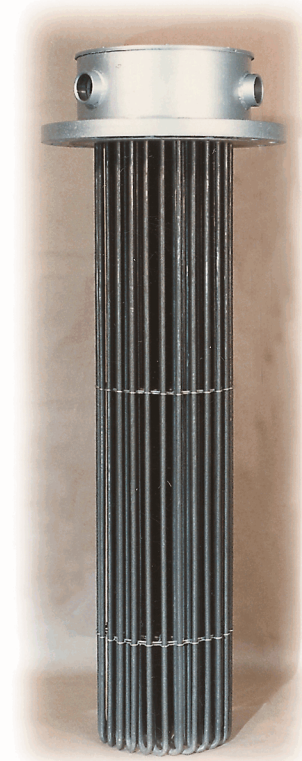
For lubricating oils, medium viscosity oils, high temperature air and gas heating.

8 and 6 Watts Per Square Inch

For #5 and #6 fuel oil heating, viscous materials, raw crude oil, residual oils, high temperature air and gas heating.

4 and 2 Watts Per Square Inch

For asphalt and other hard-to-heat substances, extra high temperature air and gas.



Standard Features:

Heating Elements

Alloy 800 (UNS08000) Sheath Material
Heavy Wall (.035 In.)
Larger Diameter (.475" OD)
Sealed Terminals

Spacer/Support

High Temperature Alloy Material
Rugged Design
"Evenflow" Configuration

Construction

Welded Heating Elements
Welded Terminal Housing

Service

Wiring Modifiable in Field
Assembly repairable at Factory

Optional Features

Terminal Housings

-ER Explosion Resistant
-LT Liquid Tight
-GP General Purpose

Flange Materials

Carbon Steel	Low Temp Carbon Steel
304SS (L/H)	316SS (L/H)
Inconel 600 / 625	Alloy 800
Hastelloy C	Others

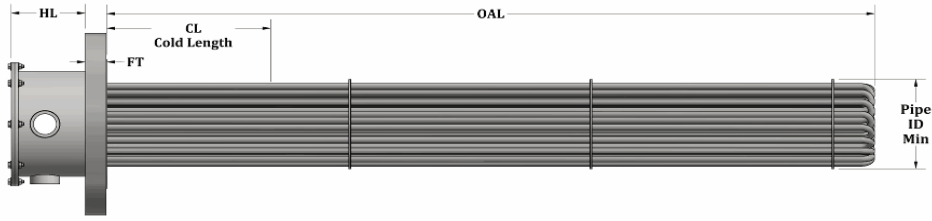
Sensors

Type J,K,E Thermocouples
100 Ohm RTD's
Simplex or Duplex
Optional Tube Wells

Certifications

CSA	UL
ATEX	IEC eX
CRN	

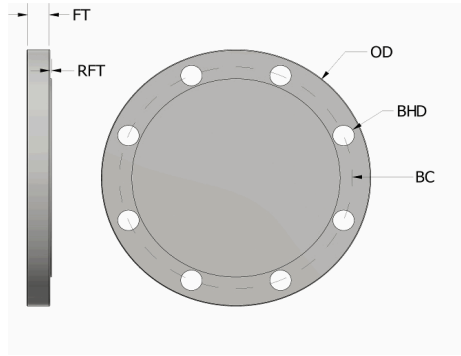
Heater Dimensional Drawing Data



Housing Dimensions (HL) (Inches)

<u>Dia</u>	<u>GP</u>	<u>LT</u>	<u>ER</u>	<u>Ex d</u>
2.50	5.50	5.50	7.00	6.38
3.00	5.50	5.50	7.00	6.38
4.00	5.50	5.50	7.00	6.38
5.00	5.50	5.50	7.00	6.38
6.00	5.50	5.50	7.00	7.38
8.00	5.50	5.50	8.00	8.37
10.00	7.00	6.75	12.00	10.50
12.00	7.00	6.75	12.00	10.50
14.00	7.00	6.75	12.00	10.50
16.00	9.00	6.75	12.00	10.50
18.00	9.00	6.75	14.00	10.63
20.00	9.00	6.75	14.00	10.75
24.00	11.00	6.75	14.00	10.75

600# Flange Dimensional Drawing Data



<u>Dia</u>	<u>OD</u>	<u>FT</u>	<u>RFT</u>	<u>BC</u>	<u>BHD</u>	<u>Q BH</u>
2.50	7.50	1.13	0.25	5.88	0.88	8.00
3.00	8.25	1.25	0.25	6.63	0.88	8.00
4.00	10.75	1.50	0.25	8.50	1.00	8.00
5.00	13.00	1.75	0.25	10.50	1.13	8.00
6.00	14.00	1.88	0.25	11.50	1.13	12.00
8.00	16.50	2.19	0.25	13.75	1.25	12.00
10.00	20.00	2.50	0.25	17.00	1.38	16.00
12.00	22.00	2.63	0.25	19.25	1.38	20.00
14.00	23.75	2.75	0.25	20.75	1.50	20.00
16.00	27.00	3.00	0.25	23.75	1.63	20.00
18.00	29.25	3.25	0.25	25.75	1.75	20.00
20.00	32.00	3.50	0.25	28.50	1.75	24.00
24.00	37.00	4.00	0.25	33.00	2.00	24.00
30.00	44.50	5.25	0.25	40.25	2.13	28.00
36.00	51.75	6.13	0.25	47.00	2.63	28.00
42.00	55.25	6.50	0.25	50.50	2.63	28.00
48.00	62.75	7.44	0.25	57.50	2.88	32.00

600# Flanged Immersion Heaters - Type IF

60 Watts/Sq. Inch

3 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
63F3N18B4	7.50	3	480	1	9	17.38	3.31	2.90	1.50
63F3N20B4	8.63	3	480	1	10	19.38	3.31	2.90	1.50
63F3N25B2	11.50	3	240	1	28	24.88	3.31	2.90	1.50
63F3N25B4	11.50	3	480	1	14	24.88	3.31	2.90	1.50
63F3N33B2	15.00	3	240	1	36	32.38	3.31	2.90	1.50
63F3N33B4	15.00	3	480	1	18	32.38	3.31	2.90	1.50
63F3N38B4	18.00	3	480	1	22	37.88	5.31	2.90	1.50
63F3N36B4	19.25	3	480	1	23	35.38	3.31	2.90	1.50
63F3N43B4	20.00	3	480	1	24	42.38	5.31	2.90	1.50
63F3N52B4	25.00	3	480	1	30	51.38	5.31	2.90	1.50
63F3N57B4	25.00	3	480	1	30	56.38	10.31	2.90	1.50
63F3N61B4	30.00	3	480	1	36	60.88	5.31	2.90	1.50
63F3N68B4	30.00	3	480	1	36	67.88	12.31	2.90	1.50

4 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
64F6N18B4	15.00	6	480	1	18	17.13	3.06	3.83	1.75
64F6N20B4	17.25	6	480	1	21	19.13	3.06	3.83	1.75
64F6N25B2	23.00	6	240	2	55	24.63	3.06	3.83	1.75
64F6N25B4	23.00	6	480	1	28	24.63	3.06	3.83	1.75
64F6N33B2	30.00	6	240	2	72	32.13	3.06	3.83	1.75
64F6N33B4	30.00	6	480	1	36	32.13	3.06	3.83	1.75
64F6N38B4	36.00	6	480	1	43	37.63	5.06	3.83	1.75
64F6N36B4	38.50	6	480	1	46	35.13	3.06	3.83	1.75
64F6N43B4	40.00	6	480	1	48	42.13	5.06	3.83	1.75
64F6N52B4	50.00	6	480	2	60	51.13	5.06	3.83	1.75
64F6N57B4	50.00	6	480	2	60	56.13	10.06	3.83	1.75
64F6N61B4	60.00	6	480	2	72	60.63	5.06	3.83	1.75
64F6N68B4	60.00	6	480	2	72	67.63	12.06	3.83	1.75

5 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
65F9N18B4	22.50	9	480	1	27	16.88	2.81	4.81	2.00
65F9N20B4	26.00	9	480	1	31	18.88	2.81	4.81	2.00
65F9N25B4	34.50	9	480	1	41	24.38	2.81	4.81	2.00
65F9N43B4	60.00	9	480	3	72	41.88	4.81	4.81	2.00
65F9N52B4	75.00	9	480	3	90	50.88	4.81	4.81	2.00
65F9N57B4	75.00	9	480	3	90	55.88	9.81	4.81	2.00
65F9N61B4	90.00	9	480	3	108	60.38	4.81	4.81	2.00
65F9N68B4	90.00	9	480	3	108	67.38	11.81	4.81	2.00

6 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
66F12N18B4	30.00	12	480	1	36	16.75	2.69	5.76	2.13
66F12N20B4	34.75	12	480	1	42	18.75	2.69	5.76	2.13
66F15N18B4	37.50	15	480	1	45	16.75	2.69	5.76	2.13
66F12N25B4	46.00	12	480	2	55	24.25	2.69	5.76	2.13
66F12N33B4	60.00	12	480	2	72	31.75	2.69	5.76	2.13
66F12N38B4	72.00	12	480	2	87	37.25	4.69	5.76	2.13
66F12N36B4	77.25	12	480	2	93	34.75	2.69	5.76	2.13

600# Flanged Immersion Heaters - Type IF

66F12N43B4	80.00	12	480	2	96	41.75	4.69	5.76	2.13
66F15N43B4	100.00	15	480	5	120	41.75	4.69	5.76	2.13
66F12N52B4	100.00	12	480	4	120	50.75	4.69	5.76	2.13
66F12N57B4	100.00	12	480	4	120	55.75	9.69	5.76	2.13
66F12N61B4	120.00	12	480	4	144	60.25	4.69	5.76	2.13
66F12N68B4	120.00	12	480	4	144	67.25	11.69	5.76	2.13
66F15N52B4	125.00	15	480	5	150	50.75	4.69	5.76	2.13
66F15N57B4	125.00	15	480	5	150	55.75	9.69	5.76	2.13
66F15N61B4	150.00	15	480	5	180	60.25	4.69	5.76	2.13
66F15N68B4	150.00	15	480	5	180	67.25	11.69	5.76	2.13

8 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
68F18N18B4	45.00	18	480	2	54	16.44	2.38	7.63	2.44
68F18N20B4	52.00	18	480	2	63	18.44	2.38	7.63	2.44
68F24N18B4	60.00	24	480	2	72	16.44	2.38	7.63	2.44
68F18N25B4	69.25	18	480	2	83	23.94	2.38	7.63	2.44
68F24N20B4	69.50	24	480	2	84	18.44	2.38	7.63	2.44
68F18N33B4	90.00	18	480	3	108	31.44	2.38	7.63	2.44
68F24N25B4	92.25	24	480	4	111	23.94	2.38	7.63	2.44
68F18N38B4	108.00	18	480	3	130	36.94	4.38	7.63	2.44
68F18N36B4	116.00	18	480	3	140	34.44	2.38	7.63	2.44
68F24N33B4	120.00	24	480	4	144	31.44	2.38	7.63	2.44
68F18N43B4	120.00	18	480	3	144	41.44	4.38	7.63	2.44
68F24N38B4	144.00	24	480	4	173	36.94	4.38	7.63	2.44
68F18N52B4	150.00	18	480	6	180	50.44	4.38	7.63	2.44
68F18N57B4	150.00	18	480	6	180	55.44	9.38	7.63	2.44
68F24N36B4	154.50	24	480	4	186	34.44	2.38	7.63	2.44
68F24N43B4	160.00	24	480	4	192	41.44	4.38	7.63	2.44
68F18N61B4	180.00	18	480	6	217	59.94	4.38	7.63	2.44
68F18N68B4	180.00	18	480	6	217	66.94	11.38	7.63	2.44
68F24N52B4	200.00	24	480	8	241	50.44	4.38	7.63	2.44
68F24N57B4	200.00	24	480	8	241	55.44	9.38	7.63	2.44
68F24N61B4	240.00	24	480	8	289	59.94	4.38	7.63	2.44
68F24N68B4	240.00	24	480	8	289	66.94	11.38	7.63	2.44

10 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
610F30N18B4	75.00	30	480	2	90	16.13	2.06	9.75	2.75
610F36N18B4	90.00	36	480	3	108	16.13	2.06	9.75	2.75
610F36N20B4	104.00	36	480	3	125	18.13	2.06	9.75	2.75
610F30N25B4	115.50	30	480	5	139	23.63	2.06	9.75	2.75
610F36N25B4	138.50	36	480	4	167	23.63	2.06	9.75	2.75
610F30N33B4	150.00	30	480	5	180	31.13	2.06	9.75	2.75
610F36N33B4	180.00	36	480	6	217	31.13	2.06	9.75	2.75
610F30N38B4	180.00	30	480	5	217	36.63	4.06	9.75	2.75
610F30N36B4	193.50	30	480	5	233	34.13	2.06	9.75	2.75
610F30N43B4	200.00	30	480	5	241	41.13	4.06	9.75	2.75
610F36N38B4	216.00	36	480	6	260	36.63	4.06	9.75	2.75
610F36N36B4	232.00	36	480	6	279	34.13	2.06	9.75	2.75
610F36N43B4	240.00	36	480	6	289	41.13	4.06	9.75	2.75
610F30N52B4	250.00	30	480	10	301	50.13	4.06	9.75	2.75
610F30N57B4	250.00	30	480	10	301	55.13	9.06	9.75	2.75
610F36N52B4	300.00	36	480	12	361	50.13	4.06	9.75	2.75

600# Flanged Immersion Heaters - Type IF

610F36N57B4	300.00	36	480	12	361	55.13	9.06	9.75	2.75
610F30N61B4	300.00	30	480	10	361	59.63	4.06	9.75	2.75
610F30N68B4	300.00	30	480	10	361	66.63	11.06	9.75	2.75
610F36N61B4	360.00	36	480	12	433	59.63	4.06	9.75	2.75
610F36N68B4	360.00	36	480	12	433	66.63	11.06	9.75	2.75

12 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
612F48N43B4	320.00	48	480	8	385	41.00	3.94	11.75	2.88
612F48N52B4	400.00	48	480	16	481	50.00	3.94	11.75	2.88
612F48N57B4	400.00	48	480	16	481	55.00	8.94	11.75	2.88
612F48N61B4	480.00	48	480	16	577	59.50	3.94	11.75	2.88
612F48N68B4	480.00	48	480	16	577	66.50	10.94	11.75	2.88

600# Flanged Immersion Heaters - Type IF

45 Watts/Sq. Inch

3 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
63F3N10H4	3.00	3	480	1	4	9.88	3.31	2.90	1.50
63F3N18H2	6.00	3	240	1	14	17.38	3.31	2.90	1.50
63F3N18H4	6.00	3	480	1	7	17.38	3.31	2.90	1.50
63F3N20H2	7.50	3	240	1	18	19.38	3.31	2.90	1.50
63F3N20H4	7.50	3	480	1	9	19.38	3.31	2.90	1.50
63F3N25H2	9.00	3	240	1	22	24.88	3.31	2.90	1.50
63F3N25H4	9.00	3	480	1	11	24.88	3.31	2.90	1.50
63F3N33H2	12.00	3	240	1	29	32.38	3.31	2.90	1.50
63F3N33H4	12.00	3	480	1	14	32.38	3.31	2.90	1.50
63F3N40H2	15.00	3	240	1	36	39.88	3.31	2.90	1.50
63F3N40H4	15.00	3	480	1	18	39.88	3.31	2.90	1.50
63F3N48H4	18.00	3	480	1	22	47.38	3.31	2.90	1.50
63F3N52H4	18.00	3	480	1	22	51.38	5.31	2.90	1.50
63F3N61H4	25.00	3	480	1	30	60.88	5.31	2.90	1.50
63F3N68H4	25.00	3	480	1	30	67.88	12.31	2.90	1.50
63F3N80H4	33.25	3	480	1	40	78.38	10.31	2.90	1.50
63F3N88H4	37.50	3	480	1	45	88.38	5.31	2.90	1.50
63F3N95H4	37.50	3	480	1	45	95.38	12.31	2.90	1.50

4 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
64F6N10H4	6.00	6	480	1	7	9.63	3.06	3.83	1.75
64F6N18H2	12.00	6	240	1	29	17.13	3.06	3.83	1.75
64F6N18H4	12.00	6	480	1	14	17.13	3.06	3.83	1.75
64F6N20H4	15.00	6	480	1	18	19.13	3.06	3.83	1.75
64F6N20H2	15.00	6	240	1	36	19.13	3.06	3.83	1.75
64F6N25H2	18.00	6	240	1	43	24.63	3.06	3.83	1.75
64F6N25H4	18.00	6	480	1	22	24.63	3.06	3.83	1.75
64F6N33H2	24.00	6	240	2	58	32.13	3.06	3.83	1.75
64F6N33H4	24.00	6	480	1	29	32.13	3.06	3.83	1.75
64F6N40H2	30.00	6	240	2	72	39.63	3.06	3.83	1.75
64F6N40H4	30.00	6	480	1	36	39.63	3.06	3.83	1.75
64F6N48H4	36.00	6	480	1	43	47.13	3.06	3.83	1.75
64F6N52H4	36.00	6	480	1	43	51.13	5.06	3.83	1.75
64F6N61H4	50.00	6	480	2	60	60.63	5.06	3.83	1.75
64F6N68H4	50.00	6	480	2	60	67.63	12.06	3.83	1.75
64F6N80H4	66.50	6	480	2	80	78.13	10.06	3.83	1.75
64F6N88H4	75.00	6	480	2	90	88.13	5.06	3.83	1.75
64F6N95H4	75.00	6	480	2	90	95.13	12.06	3.83	1.75

5 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
65F9N10H4	9.00	9	480	1	11	9.38	2.81	4.81	2.00
65F9N18H2	18.00	9	240	1	43	16.88	2.81	4.81	2.00
65F9N18H4	18.00	9	480	1	22	16.88	2.81	4.81	2.00
65F9N20H4	22.50	9	480	1	27	18.88	2.81	4.81	2.00
65F9N25H4	27.00	9	480	1	32	24.38	2.81	4.81	2.00
65F9N33H4	36.00	9	480	1	43	31.88	2.81	4.81	2.00
65F9N61H4	75.00	9	480	3	90	60.38	4.81	4.81	2.00
65F9N68H4	75.00	9	480	3	90	67.38	11.81	4.81	2.00

600# Flanged Immersion Heaters - Type IF

65F9N80H4	99.75	9	480	3	120	77.88	9.81	4.81	2.00
65F9N88H4	112.50	9	480	3	135	87.88	4.81	4.81	2.00
65F9N95H4	112.50	9	480	3	135	94.88	11.81	4.81	2.00

6 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
66F12N10H4	12.00	12	480	1	14	9.25	2.69	5.76	2.13
66F15N10H4	15.00	15	480	1	18	9.25	2.69	5.76	2.13
66F12N18H2	24.00	12	240	2	58	16.75	2.69	5.76	2.13
66F12N18H4	24.00	12	480	1	29	16.75	2.69	5.76	2.13
66F15N18H4	30.00	15	480	1	36	16.75	2.69	5.76	2.13
66F12N20H2	30.00	12	240	2	72	18.75	2.69	5.76	2.13
66F12N20H4	30.00	12	480	1	36	18.75	2.69	5.76	2.13
66F12N25H2	36.00	12	240	2	87	24.25	2.69	5.76	2.13
66F12N25H4	36.00	12	480	1	43	24.25	2.69	5.76	2.13
66F15N20H4	37.50	15	480	1	45	18.75	2.69	5.76	2.13
66F12N33H4	48.00	12	480	2	58	31.75	2.69	5.76	2.13
66F12N40H4	60.00	12	480	2	72	39.25	2.69	5.76	2.13
66F12N48H4	72.00	12	480	2	87	46.75	2.69	5.76	2.13
66F12N52H4	72.00	12	480	2	87	50.75	4.69	5.76	2.13
66F12N61H4	100.00	12	480	4	120	60.25	4.69	5.76	2.13
66F12N68H4	100.00	12	480	4	120	67.25	11.69	5.76	2.13
66F15N61H4	125.00	15	480	5	150	60.25	4.69	5.76	2.13
66F15N68H4	125.00	15	480	5	150	67.25	11.69	5.76	2.13
66F12N80H4	133.00	12	480	4	160	77.75	9.69	5.76	2.13
66F12N88H4	150.00	12	480	4	180	87.75	4.69	5.76	2.13
66F12N95H4	150.00	12	480	4	180	94.75	11.69	5.76	2.13
66F15N80H4	166.50	15	480	5	200	77.75	9.69	5.76	2.13
66F15N88H4	187.50	15	480	5	226	87.75	4.69	5.76	2.13
66F15N95H4	187.50	15	480	5	226	94.75	11.69	5.76	2.13

8 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
68F18N10H4	18.00	18	480	1	22	8.94	2.38	7.63	2.44
68F24N10H4	24.00	24	480	1	29	8.94	2.38	7.63	2.44
68F18N18H4	36.00	18	480	1	43	16.44	2.38	7.63	2.44
68F18N20H4	45.00	18	480	2	54	18.44	2.38	7.63	2.44
68F24N18H4	48.00	24	480	2	58	16.44	2.38	7.63	2.44
68F18N25H4	54.00	18	480	2	65	23.94	2.38	7.63	2.44
68F24N20H4	60.00	24	480	2	72	18.44	2.38	7.63	2.44
68F24N25H4	72.00	24	480	2	87	23.94	2.38	7.63	2.44
68F18N33H4	72.00	18	480	2	87	31.44	2.38	7.63	2.44
68F18N40H4	90.00	18	480	3	108	38.94	2.38	7.63	2.44
68F24N33H4	96.00	24	480	4	115	31.44	2.38	7.63	2.44
68F18N48H4	108.00	18	480	3	130	46.44	2.38	7.63	2.44
68F18N52H4	108.00	18	480	3	130	50.44	4.38	7.63	2.44
68F24N40H4	120.00	24	480	4	144	38.94	2.38	7.63	2.44
68F24N48H4	144.00	24	480	4	173	46.44	2.38	7.63	2.44
68F24N52H4	144.00	24	480	4	173	50.44	4.38	7.63	2.44
68F18N61H4	150.00	18	480	6	180	59.94	4.38	7.63	2.44
68F18N68H4	150.00	18	480	6	180	66.94	11.38	7.63	2.44
68F18N80H4	199.50	18	480	6	240	77.44	9.38	7.63	2.44
68F24N61H4	200.00	24	480	8	241	59.94	4.38	7.63	2.44
68F24N68H4	200.00	24	480	8	241	66.94	11.38	7.63	2.44

600# Flanged Immersion Heaters - Type IF

68F18N88H4	225.00	18	480	6	271	87.44	4.38	7.63	2.44
68F18N95H4	225.00	18	480	6	271	94.44	11.38	7.63	2.44
68F24N80H4	266.00	24	480	8	320	77.44	9.38	7.63	2.44
68F24N88H4	300.00	24	480	8	361	87.44	4.38	7.63	2.44
68F24N95H4	300.00	24	480	8	361	94.44	11.38	7.63	2.44

10 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
610F30N10H4	30.00	30	480	1	36	8.63	2.06	9.75	2.75
610F36N10H4	36.00	36	480	1	43	8.63	2.06	9.75	2.75
610F30N18H4	60.00	30	480	2	72	16.13	2.06	9.75	2.75
610F36N18H4	72.00	36	480	2	87	16.13	2.06	9.75	2.75
610F30N20H4	75.00	30	480	2	90	18.13	2.06	9.75	2.75
610F36N20H4	90.00	36	480	3	108	18.13	2.06	9.75	2.75
610F36N25H4	108.00	36	480	3	130	23.63	2.06	9.75	2.75
610F30N33H4	120.00	30	480	5	144	31.13	2.06	9.75	2.75
610F36N33H4	144.00	36	480	4	173	31.13	2.06	9.75	2.75
610F30N40H4	150.00	30	480	5	180	38.63	2.06	9.75	2.75
610F36N40H4	180.00	36	480	6	217	38.63	2.06	9.75	2.75
610F30N48H4	180.00	30	480	5	217	46.13	2.06	9.75	2.75
610F30N52H4	180.00	30	480	5	217	50.13	4.06	9.75	2.75
610F36N48H4	216.00	36	480	6	260	46.13	2.06	9.75	2.75
610F36N52H4	216.00	36	480	6	260	50.13	4.06	9.75	2.75
610F30N61H4	250.00	30	480	10	301	59.63	4.06	9.75	2.75
610F30N68H4	250.00	30	480	10	301	66.63	11.06	9.75	2.75
610F36N61H4	300.00	36	480	12	361	59.63	4.06	9.75	2.75
610F36N68H4	300.00	36	480	12	361	66.63	11.06	9.75	2.75
610F30N80H4	333.00	30	480	10	401	77.13	9.06	9.75	2.75
610F30N88H4	375.00	30	480	10	451	87.13	4.06	9.75	2.75
610F30N95H4	375.00	30	480	10	451	94.13	11.06	9.75	2.75
610F36N80H4	399.50	36	480	12	481	77.13	9.06	9.75	2.75
610F36N88H4	450.00	36	480	12	541	87.13	4.06	9.75	2.75
610F36N95H4	450.00	36	480	12	541	94.13	11.06	9.75	2.75

12 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
612F48N40H4	240.00	48	480	8	289	38.50	1.94	11.75	2.88
612F48N48H4	288.00	48	480	8	346	46.00	1.94	11.75	2.88
612F48N52H4	288.00	48	480	8	346	50.00	3.94	11.75	2.88
612F48N61H4	400.00	48	480	16	481	59.50	3.94	11.75	2.88
612F48N68H4	400.00	48	480	16	481	66.50	10.94	11.75	2.88
612F48N80H4	533.00	48	480	16	641	77.00	8.94	11.75	2.88
612F54N80H4	599.00	54	480	18	721	77.00	8.94	11.75	2.88
612F48N88H4	600.00	48	480	16	722	87.00	3.94	11.75	2.88
612F48N95H4	600.00	48	480	16	722	94.00	10.94	11.75	2.88
612F54N88H4	675.00	54	480	18	812	87.00	3.94	11.75	2.88
612F54N95H4	675.00	54	480	18	812	94.00	10.94	11.75	2.88

14 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
614F54N80H4	599.00	54	480	18	721	76.88	8.81	13.00	3.00
614F60N80H4	666.00	60	480	20	801	76.88	8.81	13.00	3.00
614F54N88H4	675.00	54	480	18	812	86.88	3.81	13.00	3.00
614F54N95H4	675.00	54	480	18	812	93.88	10.81	13.00	3.00

600# Flanged Immersion Heaters - Type IF

614F60N88H4	750.00	60	480	20	902	86.88	3.81	13.00	3.00
614F60N95H4	750.00	60	480	20	902	93.88	10.81	13.00	3.00
614F72N80H4	799.00	72	480	24	961	76.88	8.81	13.00	3.00
614F72N88H4	900.00	72	480	24	1,083	86.88	3.81	13.00	3.00
614F72N95H4	900.00	72	480	24	1,083	93.88	10.81	13.00	3.00

16 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
616F84N80H4	932.00	84	480	28	1,121	76.63	8.56	15.00	3.25
616F90N80H4	999.00	90	480	30	1,202	76.63	8.56	15.00	3.25
616F84N88H4	1,050.00	84	480	28	1,263	86.63	3.56	15.00	3.25
616F84N95H4	1,050.00	84	480	28	1,263	93.63	10.56	15.00	3.25
616F96N80H4	1,066.00	96	480	32	1,282	76.63	8.56	15.00	3.25
616F90N88H4	1,125.00	90	480	30	1,353	86.63	3.56	15.00	3.25
616F90N95H4	1,125.00	90	480	30	1,353	93.63	10.56	15.00	3.25
616F96N88H4	1,200.00	96	480	32	1,443	86.63	3.56	15.00	3.25
616F96N95H4	1,200.00	96	480	32	1,443	93.63	10.56	15.00	3.25

18 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
618F108N88H4	1,350.00	108	480	36	1,624	86.38	3.31	17.00	3.50
618F108N95H4	1,350.00	108	480	36	1,624	93.38	10.31	17.00	3.50

20 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
620F120N88H4	1,500.00	120	480	40	1,804	86.13	3.06	19.00	3.75
620F120N95H4	1,500.00	120	480	40	1,804	93.13	10.06	19.00	3.75
620F126N88H4	1,575.00	126	480	42	1,894	86.13	3.06	19.00	3.75
620F126N95H4	1,575.00	126	480	42	1,894	93.13	10.06	19.00	3.75
620F132N88H4	1,650.00	132	480	44	1,985	86.13	3.06	19.00	3.75
620F132N95H4	1,650.00	132	480	44	1,985	93.13	10.06	19.00	3.75
620F144N88H4	1,800.00	144	480	48	2,165	86.13	3.06	19.00	3.75
620F144N95H4	1,800.00	144	480	48	2,165	93.13	10.06	19.00	3.75
620F162N88H4	2,025.00	162	480	54	2,436	86.13	3.06	19.00	3.75
620F162N95H4	2,025.00	162	480	54	2,436	93.13	10.06	19.00	3.75
620F180N88H4	2,250.00	180	480	60	2,706	86.13	3.06	19.00	3.75
620F180N95H4	2,250.00	180	480	60	2,706	93.13	10.06	19.00	3.75

24 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
624F192N88H4	2,400.00	192	480	64	2,887	85.63	2.56	23.00	4.25
624F192N95H4	2,400.00	192	480	64	2,887	92.63	9.56	23.00	4.25
624F216N88H4	2,700.00	216	480	72	3,248	85.63	2.56	23.00	4.25
624F216N95H4	2,700.00	216	480	72	3,248	92.63	9.56	23.00	4.25
624F234N88H4	2,925.00	234	480	78	3,518	85.63	2.56	23.00	4.25
624F234N95H4	2,925.00	234	480	78	3,518	92.63	9.56	23.00	4.25
624F240N88H4	3,000.00	240	480	80	3,609	85.63	2.56	23.00	4.25
624F240N95H4	3,000.00	240	480	80	3,609	92.63	9.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

30 Watts/Sq. Inch

3 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
63F3N44G4	9.00	3	480	1	11	43.88	10.31	2.90	1.50
63F3N56G4	12.00	3	480	1	14	55.88	10.31	2.90	1.50
63F3N67G4	15.00	3	480	1	18	66.88	10.31	2.90	1.50
63F3N80G4	18.00	3	480	1	22	79.88	12.31	2.90	1.50
63F3N100G4	22.50	3	480	1	27	99.88	12.31	2.90	1.50
63F3N120G4	28.50	3	480	1	34	119.88	12.31	2.90	1.50
63F3N140G4	33.00	3	480	1	40	139.88	16.31	2.90	1.50
63F3N160G4	39.00	3	480	1	47	159.88	16.31	2.90	1.50

4 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
64F6N44G4	18.00	6	480	1	22	43.63	10.06	3.83	1.75
64F6N56G4	24.00	6	480	1	29	55.63	10.06	3.83	1.75
64F6N67G4	30.00	6	480	1	36	66.63	10.06	3.83	1.75
64F6N80G4	36.00	6	480	1	43	79.63	12.06	3.83	1.75
64F6N100G4	45.00	6	480	2	54	99.63	12.06	3.83	1.75
64F6N120G4	57.00	6	480	2	69	119.63	12.06	3.83	1.75
64F6N140G4	66.00	6	480	2	79	139.63	16.06	3.83	1.75
64F6N160G4	78.00	6	480	2	94	159.63	16.06	3.83	1.75

5 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
65F9N44G4	27.00	9	480	1	32	43.38	9.81	4.81	2.00
65F9N56G4	36.00	9	480	1	43	55.38	9.81	4.81	2.00
65F9N100G4	67.50	9	480	3	81	99.38	11.81	4.81	2.00
65F9N120G4	85.50	9	480	3	103	119.38	11.81	4.81	2.00
65F9N140G4	99.00	9	480	3	119	139.38	15.81	4.81	2.00
65F9N160G4	117.00	9	480	3	141	159.38	15.81	4.81	2.00

6 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
66F12N44G4	36.00	12	480	1	43	43.25	9.69	5.76	2.13
66F12N56G4	48.00	12	480	2	58	55.25	9.69	5.76	2.13
66F12N67G4	60.00	12	480	2	72	66.25	9.69	5.76	2.13
66F12N80G4	72.00	12	480	2	87	79.25	11.69	5.76	2.13
66F12N100G4	90.00	12	480	4	108	99.25	11.69	5.76	2.13
66F15N100G4	112.50	15	480	5	135	99.25	11.69	5.76	2.13
66F12N120G4	114.00	12	480	4	137	119.25	11.69	5.76	2.13
66F12N140G4	132.00	12	480	4	159	139.25	15.69	5.76	2.13
66F15N120G4	142.50	15	480	5	171	119.25	11.69	5.76	2.13
66F12N160G4	156.00	12	480	4	188	159.25	15.69	5.76	2.13
66F15N140G4	165.00	15	480	5	198	139.25	15.69	5.76	2.13
66F15N160G4	195.00	15	480	5	235	159.25	15.69	5.76	2.13

8 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
68F18N44G4	54.00	18	480	2	65	42.94	9.38	7.63	2.44
68F24N44G4	72.00	24	480	2	87	42.94	9.38	7.63	2.44
68F18N56G4	72.00	18	480	2	87	54.94	9.38	7.63	2.44
68F18N67G4	90.00	18	480	3	108	65.94	9.38	7.63	2.44

600# Flanged Immersion Heaters - Type IF

68F24N56G4	96.00	24	480	4	115	54.94	9.38	7.63	2.44
68F18N80G4	108.00	18	480	3	130	78.94	11.38	7.63	2.44
68F24N67G4	120.00	24	480	4	144	65.94	9.38	7.63	2.44
68F18N100G4	135.00	18	480	6	162	98.94	11.38	7.63	2.44
68F24N80G4	144.00	24	480	4	173	78.94	11.38	7.63	2.44
68F18N120G4	171.00	18	480	6	206	118.94	11.38	7.63	2.44
68F24N100G4	180.00	24	480	8	217	98.94	11.38	7.63	2.44
68F18N140G4	198.00	18	480	6	238	138.94	15.38	7.63	2.44
68F24N120G4	228.00	24	480	8	274	118.94	11.38	7.63	2.44
68F18N160G4	234.00	18	480	6	281	158.94	15.38	7.63	2.44
68F24N140G4	264.00	24	480	8	318	138.94	15.38	7.63	2.44
68F24N160G4	312.00	24	480	8	375	158.94	15.38	7.63	2.44

10 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
610F36N44G4	108.00	36	480	3	130	42.63	9.06	9.75	2.75
610F30N56G4	120.00	30	480	5	144	54.63	9.06	9.75	2.75
610F36N56G4	144.00	36	480	4	173	54.63	9.06	9.75	2.75
610F30N67G4	150.00	30	480	5	180	65.63	9.06	9.75	2.75
610F36N67G4	180.00	36	480	6	217	65.63	9.06	9.75	2.75
610F30N80G4	180.00	30	480	5	217	78.63	11.06	9.75	2.75
610F36N80G4	216.00	36	480	6	260	78.63	11.06	9.75	2.75
610F30N100G4	225.00	30	480	10	271	98.63	11.06	9.75	2.75
610F36N100G4	270.00	36	480	12	325	98.63	11.06	9.75	2.75
610F30N120G4	285.00	30	480	10	343	118.63	11.06	9.75	2.75
610F30N140G4	330.00	30	480	10	397	138.63	15.06	9.75	2.75
610F36N120G4	342.00	36	480	12	411	118.63	11.06	9.75	2.75
610F30N160G4	390.00	30	480	10	469	158.63	15.06	9.75	2.75
610F36N140G4	396.00	36	480	12	476	138.63	15.06	9.75	2.75
610F36N160G4	468.00	36	480	12	563	158.63	15.06	9.75	2.75

12 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
612F48N44G4	144.00	48	480	4	173	42.50	8.94	11.75	2.88
612F48N56G4	192.00	48	480	8	231	54.50	8.94	11.75	2.88
612F48N67G4	240.00	48	480	8	289	65.50	8.94	11.75	2.88
612F48N80G4	288.00	48	480	8	346	78.50	10.94	11.75	2.88
612F54N80G4	324.00	54	480	9	390	78.50	10.94	11.75	2.88
612F48N100G4	360.00	48	480	16	433	98.50	10.94	11.75	2.88
612F54N100G4	405.00	54	480	18	487	98.50	10.94	11.75	2.88
612F48N120G4	456.00	48	480	16	548	118.50	10.94	11.75	2.88
612F54N120G4	513.00	54	480	18	617	118.50	10.94	11.75	2.88
612F48N140G4	528.00	48	480	16	635	138.50	14.94	11.75	2.88
612F54N140G4	594.00	54	480	18	714	138.50	14.94	11.75	2.88
612F48N160G4	624.00	48	480	16	751	158.50	14.94	11.75	2.88
612F54N160G4	702.00	54	480	18	844	158.50	14.94	11.75	2.88

14 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
614F54N80G4	324.00	54	480	9	390	78.38	10.81	13.00	3.00
614F60N80G4	360.00	60	480	10	433	78.38	10.81	13.00	3.00
614F54N100G4	405.00	54	480	18	487	98.38	10.81	13.00	3.00
614F72N80G4	432.00	72	480	12	520	78.38	10.81	13.00	3.00
614F60N100G4	450.00	60	480	20	541	98.38	10.81	13.00	3.00

600# Flanged Immersion Heaters - Type IF

614F54N120G4	513.00	54	480	18	617	118.38	10.81	13.00	3.00
614F72N100G4	540.00	72	480	24	650	98.38	10.81	13.00	3.00
614F60N120G4	570.00	60	480	20	686	118.38	10.81	13.00	3.00
614F54N140G4	594.00	54	480	18	714	138.38	14.81	13.00	3.00
614F60N140G4	660.00	60	480	20	794	138.38	14.81	13.00	3.00
614F72N120G4	684.00	72	480	24	823	118.38	10.81	13.00	3.00
614F54N160G4	702.00	54	480	18	844	158.38	14.81	13.00	3.00
614F60N160G4	780.00	60	480	20	938	158.38	14.81	13.00	3.00
614F72N140G4	792.00	72	480	24	953	138.38	14.81	13.00	3.00
614F72N160G4	936.00	72	480	24	1,126	158.38	14.81	13.00	3.00

16 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
616F84N80G4	504.00	84	480	14	606	78.13	10.56	15.00	3.25
616F90N80G4	540.00	90	480	15	650	78.13	10.56	15.00	3.25
616F96N80G4	576.00	96	480	16	693	78.13	10.56	15.00	3.25
616F84N100G4	630.00	84	480	28	758	98.13	10.56	15.00	3.25
616F90N100G4	675.00	90	480	30	812	98.13	10.56	15.00	3.25
616F96N100G4	720.00	96	480	32	866	98.13	10.56	15.00	3.25
616F84N120G4	798.00	84	480	28	960	118.13	10.56	15.00	3.25
616F90N120G4	855.00	90	480	30	1,028	118.13	10.56	15.00	3.25
616F96N120G4	912.00	96	480	32	1,097	118.13	10.56	15.00	3.25
616F84N140G4	924.00	84	480	28	1,111	138.13	14.56	15.00	3.25
616F90N140G4	990.00	90	480	30	1,191	138.13	14.56	15.00	3.25
616F96N140G4	1,056.00	96	480	32	1,270	138.13	14.56	15.00	3.25
616F84N160G4	1,092.00	84	480	28	1,314	158.13	14.56	15.00	3.25
616F90N160G4	1,170.00	90	480	30	1,407	158.13	14.56	15.00	3.25
616F96N160G4	1,248.00	96	480	32	1,501	158.13	14.56	15.00	3.25

18 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
618F108N100G4	810.00	108	480	36	974	97.88	10.31	17.00	3.50
618F108N120G4	1,026.00	108	480	36	1,234	117.88	10.31	17.00	3.50
618F108N140G4	1,188.00	108	480	36	1,429	137.88	14.31	17.00	3.50
618F108N160G4	1,404.00	108	480	36	1,689	157.88	14.31	17.00	3.50

20 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
620F120N100G4	900.00	120	480	40	1,083	97.63	10.06	19.00	3.75
620F126N100G4	945.00	126	480	42	1,137	97.63	10.06	19.00	3.75
620F132N100G4	990.00	132	480	44	1,191	97.63	10.06	19.00	3.75
620F144N100G4	1,080.00	144	480	48	1,299	97.63	10.06	19.00	3.75
620F120N120G4	1,140.00	120	480	40	1,371	117.63	10.06	19.00	3.75
620F126N120G4	1,197.00	126	480	42	1,440	117.63	10.06	19.00	3.75
620F162N100G4	1,215.00	162	480	54	1,461	97.63	10.06	19.00	3.75
620F132N120G4	1,254.00	132	480	44	1,508	117.63	10.06	19.00	3.75
620F120N140G4	1,320.00	120	480	40	1,588	137.63	14.06	19.00	3.75
620F180N100G4	1,350.00	180	480	60	1,624	97.63	10.06	19.00	3.75
620F144N120G4	1,368.00	144	480	48	1,645	117.63	10.06	19.00	3.75
620F126N140G4	1,386.00	126	480	42	1,667	137.63	14.06	19.00	3.75
620F132N140G4	1,452.00	132	480	44	1,747	137.63	14.06	19.00	3.75
620F162N120G4	1,539.00	162	480	54	1,851	117.63	10.06	19.00	3.75
620F120N160G4	1,560.00	120	480	40	1,876	157.63	14.06	19.00	3.75
620F144N140G4	1,584.00	144	480	48	1,905	137.63	14.06	19.00	3.75

600# Flanged Immersion Heaters - Type IF

620F126N160G4	1,638.00	126	480	42	1,970	157.63	14.06	19.00	3.75
620F180N120G4	1,710.00	180	480	60	2,057	117.63	10.06	19.00	3.75
620F132N160G4	1,716.00	132	480	44	2,064	157.63	14.06	19.00	3.75
620F162N140G4	1,782.00	162	480	54	2,143	137.63	14.06	19.00	3.75
620F144N160G4	1,872.00	144	480	48	2,252	157.63	14.06	19.00	3.75
620F180N140G4	1,980.00	180	480	60	2,382	137.63	14.06	19.00	3.75
620F162N160G4	2,106.00	162	480	54	2,533	157.63	14.06	19.00	3.75
620F180N160G4	2,340.00	180	480	60	2,815	157.63	14.06	19.00	3.75

24 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
624F192N100G4	1,440.00	192	480	64	1,732	97.13	9.56	23.00	4.25
624F216N100G4	1,620.00	216	480	72	1,949	97.13	9.56	23.00	4.25
624F234N100G4	1,755.00	234	480	78	2,111	97.13	9.56	23.00	4.25
624F240N100G4	1,800.00	240	480	80	2,165	97.13	9.56	23.00	4.25
624F192N120G4	1,824.00	192	480	64	2,194	117.13	9.56	23.00	4.25
624F216N120G4	2,052.00	216	480	72	2,468	117.13	9.56	23.00	4.25
624F192N140G4	2,112.00	192	480	64	2,540	137.13	13.56	23.00	4.25
624F234N120G4	2,223.00	234	480	78	2,674	117.13	9.56	23.00	4.25
624F240N120G4	2,280.00	240	480	80	2,742	117.13	9.56	23.00	4.25
624F216N140G4	2,376.00	216	480	72	2,858	137.13	13.56	23.00	4.25
624F192N160G4	2,496.00	192	480	64	3,002	157.13	13.56	23.00	4.25
624F234N140G4	2,574.00	234	480	78	3,096	137.13	13.56	23.00	4.25
624F240N140G4	2,640.00	240	480	80	3,176	137.13	13.56	23.00	4.25
624F216N160G4	2,808.00	216	480	72	3,378	157.13	13.56	23.00	4.25
624F234N160G4	3,042.00	234	480	78	3,659	157.13	13.56	23.00	4.25
624F240N160G4	3,120.00	240	480	80	3,753	157.13	13.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

23 Watts/Sq. Inch

3 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
63F3N10M2	1.50	3	240	1	4	9.88	3.31	2.90	1.50
63F3N13M1	2.25	3	120	1	11	12.88	3.31	2.90	1.50
63F3N13M2	2.25	3	120	1	11	12.88	3.31	2.90	1.50
63F3N13M4	2.25	3	480	1	3	12.88	3.31	2.90	1.50
63F3N18M2	3.00	3	240	1	7	17.38	3.31	2.90	1.50
63F3N18M4	3.00	3	480	1	4	17.38	3.31	2.90	1.50
63F3N20M2	3.75	3	240	1	9	19.38	3.31	2.90	1.50
63F3N20M4	3.75	3	480	1	5	19.88	3.31	2.90	1.50
63F3N25M1	4.50	3	120	1	22	24.88	3.31	2.90	1.50
63F3N25M2	4.50	3	240	1	11	24.88	3.31	2.90	1.50
63F3N25M4	4.50	3	480	1	5	24.88	3.31	2.90	1.50
63F3N33M4	6.00	3	480	1	7	32.38	3.31	2.90	1.50
63F3N40M2	7.50	3	240	1	18	39.88	3.31	2.90	1.50
63F3N40M4	7.50	3	480	1	9	39.88	3.31	2.90	1.50
63F3N48M4	9.00	3	480	1	11	47.38	3.31	2.90	1.50
63F3N52M2	10.00	3	240	1	24	51.38	5.31	2.90	1.50
63F3N52M4	10.00	3	480	1	12	51.38	5.31	2.90	1.50
63F3N59M4	10.00	3	480	1	12	57.38	12.31	2.90	1.50
63F3N64M2	12.75	3	240	1	31	63.88	5.31	2.90	1.50
63F3N64M4	12.75	3	480	1	15	63.88	5.31	2.90	1.50
63F3N73M4	12.75	3	480	1	15	71.38	16.31	2.90	1.50
63F3N77M2	15.00	3	240	1	36	76.38	5.31	2.90	1.50
63F3N77M4	15.00	3	480	1	18	76.38	5.31	2.90	1.50
63F3N88M4	16.75	3	480	1	20	88.38	5.31	2.90	1.50
63F3N95M4	16.75	3	480	1	20	93.38	12.31	2.90	1.50
63F3N106M4	18.75	3	480	1	23	105.88	12.31	2.90	1.50
63F3N120M4	23.25	3	480	1	28	119.88	12.31	2.90	1.50
63F3N140M4	26.25	3	480	1	32	139.88	16.31	2.90	1.50
63F3N160M4	30.00	3	480	1	36	159.88	16.31	2.90	1.50

4 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
64F6N10M2	3.00	6	240	1	7	9.63	3.06	3.83	1.75
64F6N13M2	4.50	6	120	1	22	12.63	3.06	3.83	1.75
64F6N13M4	4.50	6	480	1	5	12.63	3.06	3.83	1.75
64F6N13M1	4.50	6	120	1	22	12.63	3.06	3.83	1.75
64F6N18M2	6.00	6	240	1	14	17.13	3.06	3.83	1.75
64F6N18M4	6.00	6	480	1	7	17.13	3.06	3.83	1.75
64F6N20M2	7.50	6	240	1	18	19.13	3.06	3.83	1.75
64F6N20M4	7.50	6	480	1	9	19.63	3.06	3.83	1.75
64F6N25M2	9.00	6	240	1	22	24.63	3.06	3.83	1.75
64F6N25M4	9.00	6	480	1	11	24.63	3.06	3.83	1.75
64F6N33M4	12.00	6	480	1	14	32.13	3.06	3.83	1.75
64F6N40M2	15.00	6	240	1	36	39.63	3.06	3.83	1.75
64F6N40M4	15.00	6	480	1	18	39.63	3.06	3.83	1.75
64F6N48M4	18.00	6	480	1	22	47.13	3.06	3.83	1.75
64F6N52M2	20.00	6	240	1	48	51.13	5.06	3.83	1.75
64F6N52M4	20.00	6	480	1	24	51.13	5.06	3.83	1.75
64F6N59M4	20.00	6	480	1	24	57.13	12.06	3.83	1.75
64F6N64M2	25.50	6	240	2	61	63.63	5.06	3.83	1.75

600# Flanged Immersion Heaters - Type IF

64F6N64M4	25.50	6	480	1	31	63.63	5.06	3.83	1.75
64F6N73M4	25.50	6	480	1	31	71.13	16.06	3.83	1.75
64F6N77M2	30.00	6	240	2	72	76.13	5.06	3.83	1.75
64F6N77M4	30.00	6	480	1	36	76.13	5.06	3.83	1.75
64F6N88M4	33.50	6	480	1	40	88.13	5.06	3.83	1.75
64F6N95M4	33.50	6	480	1	40	93.13	12.06	3.83	1.75
64F6N106M4	37.75	6	480	1	45	105.63	12.06	3.83	1.75
64F6N120M4	46.75	6	480	2	56	119.63	12.06	3.83	1.75
64F6N140M4	52.50	6	480	2	63	139.63	16.06	3.83	1.75
64F6N160M4	60.00	6	480	2	72	159.63	16.06	3.83	1.75

5 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
65F9N10M2	4.50	9	240	1	11	9.38	2.81	4.81	2.00
65F9N13M4	6.75	9	480	1	8	12.38	2.81	4.81	2.00
65F9N18M2	9.00	9	240	1	22	16.88	2.81	4.81	2.00
65F9N18M4	9.00	9	480	1	11	16.88	2.81	4.81	2.00
65F9N20M2	11.25	9	240	1	27	18.88	2.81	4.81	2.00
65F9N20M4	11.25	9	480	1	14	19.38	2.81	4.81	2.00
65F9N25M2	13.50	9	240	1	32	24.38	2.81	4.81	2.00
65F9N25M4	13.50	9	480	1	16	24.38	2.81	4.81	2.00
65F9N33M4	18.00	9	480	1	22	31.88	2.81	4.81	2.00
65F9N40M4	22.50	9	480	1	27	39.38	2.81	4.81	2.00
65F9N48M4	27.00	9	480	1	32	46.88	2.81	4.81	2.00
65F9N52M4	30.00	9	480	1	36	50.88	4.81	4.81	2.00
65F9N59M4	30.00	9	480	1	36	56.88	11.81	4.81	2.00
65F9N64M4	38.25	9	480	1	46	63.38	4.81	4.81	2.00
65F9N73M4	38.25	9	480	1	46	70.88	15.81	4.81	2.00
65F9N120M4	70.00	9	480	3	84	119.38	11.81	4.81	2.00
65F9N140M4	78.75	9	480	3	95	139.38	15.81	4.81	2.00
65F9N160M4	90.00	9	480	3	108	159.38	15.81	4.81	2.00

6 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
66F12N10M2	6.00	12	240	1	14	9.25	2.69	5.76	2.13
66F15N10M2	7.50	15	240	1	18	9.25	2.69	5.76	2.13
66F12N13M4	9.00	12	480	1	11	12.25	2.69	5.76	2.13
66F15N13M4	11.25	15	480	1	14	12.25	2.69	5.76	2.13
66F12N18M4	12.00	12	480	1	14	16.75	2.69	5.76	2.13
66F12N18M2	12.00	12	240	1	29	16.75	2.69	5.76	2.13
66F15N18M2	15.00	15	240	1	36	16.75	2.69	5.76	2.13
66F15N18M4	15.00	15	480	1	18	16.75	2.69	5.76	2.13
66F12N20M2	15.00	12	240	1	36	18.75	2.69	5.76	2.13
66F12N20M4	15.00	12	480	1	18	19.25	2.69	5.76	2.13
66F12N25M2	18.00	12	240	1	43	24.25	2.69	5.76	2.13
66F12N25M4	18.00	12	480	1	22	24.25	2.69	5.76	2.13
66F15N20M2	18.75	15	240	1	45	18.75	2.69	5.76	2.13
66F15N20M4	18.75	15	480	1	23	19.25	2.69	5.76	2.13
66F15N25M4	22.50	15	480	1	27	24.25	2.69	5.76	2.13
66F12N33M4	24.00	12	480	1	29	31.75	2.69	5.76	2.13
66F15N33M4	30.00	15	480	1	36	31.75	2.69	5.76	2.13
66F12N40M2	30.00	12	240	2	72	39.25	2.69	5.76	2.13
66F12N40M4	30.00	12	480	1	36	39.25	2.69	5.76	2.13
66F12N48M4	36.00	12	480	1	43	46.75	2.69	5.76	2.13

600# Flanged Immersion Heaters - Type IF

66F15N40M4	37.50	15	480	1	45	39.25	2.69	5.76	2.13
66F12N52M2	40.00	12	240	2	96	50.75	4.69	5.76	2.13
66F12N52M4	40.00	12	480	1	48	50.75	4.69	5.76	2.13
66F12N59M4	40.00	12	480	1	48	56.75	11.69	5.76	2.13
66F12N64M4	51.00	12	480	2	61	63.25	4.69	5.76	2.13
66F12N73M4	51.00	12	480	2	61	70.75	15.69	5.76	2.13
66F12N77M4	60.00	12	480	2	72	75.75	4.69	5.76	2.13
66F12N88M4	67.00	12	480	2	81	87.75	4.69	5.76	2.13
66F12N95M4	67.00	12	480	2	81	92.75	11.69	5.76	2.13
66F12N106M4	75.50	12	480	2	91	105.25	11.69	5.76	2.13
66F12N120M4	93.50	12	480	4	112	119.25	11.69	5.76	2.13
66F12N140M4	105.00	12	480	4	126	139.25	15.69	5.76	2.13
66F15N120M4	117.00	15	480	5	141	119.25	11.69	5.76	2.13
66F12N160M4	120.00	12	480	4	144	159.25	15.69	5.76	2.13
66F15N140M4	131.00	15	480	5	158	139.25	15.69	5.76	2.13
66F15N160M4	150.00	15	480	5	180	159.25	15.69	5.76	2.13

8 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
68F18N13M4	13.50	18	480	1	16	11.94	2.38	7.63	2.44
68F24N13M4	18.00	24	480	1	22	11.94	2.38	7.63	2.44
68F18N18M4	18.00	18	480	1	22	16.44	2.38	7.63	2.44
68F18N20M4	22.50	18	480	1	27	18.94	2.38	7.63	2.44
68F24N18M4	24.00	24	480	1	29	16.44	2.38	7.63	2.44
68F18N25M4	27.00	18	480	1	32	23.94	2.38	7.63	2.44
68F24N20M4	30.00	24	480	1	36	18.94	2.38	7.63	2.44
68F24N25M4	36.00	24	480	1	43	23.94	2.38	7.63	2.44
68F18N33M4	36.00	18	480	1	43	31.44	2.38	7.63	2.44
68F18N40M4	45.00	18	480	2	54	38.94	2.38	7.63	2.44
68F24N33M4	48.00	24	480	2	58	31.44	2.38	7.63	2.44
68F18N48M4	54.00	18	480	2	65	46.44	2.38	7.63	2.44
68F24N40M4	60.00	24	480	2	72	38.94	2.38	7.63	2.44
68F18N52M4	60.00	18	480	2	72	50.44	4.38	7.63	2.44
68F18N59M4	60.00	18	480	2	72	56.44	11.38	7.63	2.44
68F18N59M2	60.00	18	240	2	144	57.94	11.38	7.63	2.44
68F24N48M4	72.00	24	480	2	87	46.44	2.38	7.63	2.44
68F18N64M4	76.50	18	480	2	92	62.94	4.38	7.63	2.44
68F18N73M4	76.50	18	480	2	92	70.44	15.38	7.63	2.44
68F24N52M4	80.00	24	480	2	96	50.44	4.38	7.63	2.44
68F24N59M4	80.00	24	480	2	96	56.44	11.38	7.63	2.44
68F18N77M4	90.00	18	480	3	108	75.44	4.38	7.63	2.44
68F18N88M4	100.50	18	480	3	121	87.44	4.38	7.63	2.44
68F18N95M4	100.50	18	480	3	121	92.44	11.38	7.63	2.44
68F24N64M4	102.00	24	480	4	123	62.94	4.38	7.63	2.44
68F24N73M4	102.00	24	480	4	123	70.44	15.38	7.63	2.44
68F18N106M4	113.00	18	480	3	136	104.94	11.38	7.63	2.44
68F24N77M4	120.00	24	480	4	144	75.44	4.38	7.63	2.44
68F24N88M4	134.00	24	480	4	161	87.44	4.38	7.63	2.44
68F24N95M4	134.00	24	480	4	161	92.44	11.38	7.63	2.44
68F18N120M4	140.00	18	480	6	168	118.94	11.38	7.63	2.44
68F24N106M4	151.00	24	480	4	182	104.94	11.38	7.63	2.44
68F18N140M4	157.50	18	480	6	189	138.94	15.38	7.63	2.44
68F18N160M4	180.00	18	480	6	217	158.94	15.38	7.63	2.44
68F24N120M4	187.00	24	480	8	225	118.94	11.38	7.63	2.44

600# Flanged Immersion Heaters - Type IF

68F24N140M4	210.00	24	480	8	253	138.94	15.38	7.63	2.44
68F24N160M4	240.00	24	480	8	289	158.94	15.38	7.63	2.44

10 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
610F30N13M4	22.50	30	480	1	27	11.63	2.06	9.75	2.75
610F36N13M4	27.00	36	480	1	32	11.63	2.06	9.75	2.75
610F30N18M4	30.00	30	480	1	36	16.13	2.06	9.75	2.75
610F36N18M4	36.00	36	480	1	43	16.13	2.06	9.75	2.75
610F30N20M4	37.50	30	480	1	45	18.63	2.06	9.75	2.75
610F36N20M4	45.00	36	480	2	54	18.63	2.06	9.75	2.75
610F30N25M4	45.00	30	480	2	54	23.63	2.06	9.75	2.75
610F36N25M4	54.00	36	480	2	65	23.63	2.06	9.75	2.75
610F30N33M4	60.00	30	480	2	72	31.13	2.06	9.75	2.75
610F36N33M4	72.00	36	480	2	87	31.13	2.06	9.75	2.75
610F30N40M4	75.00	30	480	2	90	38.63	2.06	9.75	2.75
610F36N40M4	90.00	36	480	3	108	38.63	2.06	9.75	2.75
610F30N52M4	100.00	30	480	5	120	50.13	4.06	9.75	2.75
610F30N59M4	100.00	30	480	5	120	56.13	11.06	9.75	2.75
610F36N48M4	108.00	36	480	3	130	46.13	2.06	9.75	2.75
610F36N52M4	120.00	36	480	3	144	50.13	4.06	9.75	2.75
610F36N59M4	120.00	36	480	3	144	56.13	11.06	9.75	2.75
610F36N66MX4	120.00	36	480	0	144	63.13	18.06	9.75	2.75
610F30N64M4	127.50	30	480	5	153	62.63	4.06	9.75	2.75
610F30N73M4	127.50	30	480	5	153	70.13	15.06	9.75	2.75
610F30N77M4	150.00	30	480	5	180	75.13	4.06	9.75	2.75
610F36N64M4	153.00	36	480	4	184	62.63	4.06	9.75	2.75
610F36N73M4	153.00	36	480	4	184	70.13	15.06	9.75	2.75
610F30N88M4	168.00	30	480	5	202	87.13	4.06	9.75	2.75
610F30N95M4	168.00	30	480	5	202	92.13	11.06	9.75	2.75
610F36N77M4	180.00	36	480	6	217	75.13	4.06	9.75	2.75
610F30N106M4	189.00	30	480	5	227	104.63	11.06	9.75	2.75
610F36N88M4	201.50	36	480	6	242	87.13	4.06	9.75	2.75
610F36N95M4	201.50	36	480	6	242	92.13	11.06	9.75	2.75
610F36N106M4	226.50	36	480	6	272	104.63	11.06	9.75	2.75
610F30N120M4	234.00	30	480	10	281	118.63	11.06	9.75	2.75
610F30N140M4	262.50	30	480	10	316	138.63	15.06	9.75	2.75
610F36N120M4	280.50	36	480	12	337	118.63	11.06	9.75	2.75
610F30N160M4	300.00	30	480	10	361	158.63	15.06	9.75	2.75
610F36N140M4	315.00	36	480	12	379	138.63	15.06	9.75	2.75
610F36N160M4	360.00	36	480	12	433	158.63	15.06	9.75	2.75

12 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
612F48N40M4	120.00	48	480	4	144	38.50	1.94	11.75	2.88
612F48N48M4	144.00	48	480	4	173	46.00	1.94	11.75	2.88
612F48N52M4	160.00	48	480	4	192	50.00	3.94	11.75	2.88
612F48N59M4	160.00	48	480	4	192	56.00	10.94	11.75	2.88
612F48N64M4	204.00	48	480	8	245	62.50	3.94	11.75	2.88
612F48N73M4	204.00	48	480	8	245	70.00	14.94	11.75	2.88
612F48N77M4	240.00	48	480	8	289	75.00	3.94	11.75	2.88
612F48N88M4	268.50	48	480	8	323	87.00	3.94	11.75	2.88
612F48N95M4	268.50	48	480	8	323	92.00	10.94	11.75	2.88
612F54N88M4	302.00	54	480	9	363	87.00	3.94	11.75	2.88

600# Flanged Immersion Heaters - Type IF

612F54N95M4	302.00	54	480	9	363	92.00	10.94	11.75	2.88
612F48N106M4	302.00	48	480	8	363	104.50	10.94	11.75	2.88
612F54N106M4	340.00	54	480	9	409	104.50	10.94	11.75	2.88
612F48N120M4	374.00	48	480	16	450	118.50	10.94	11.75	2.88
612F48N140M4	420.00	48	480	16	505	138.50	14.94	11.75	2.88
612F54N120M4	421.00	54	480	18	506	118.50	10.94	11.75	2.88
612F54N140M4	472.50	54	480	18	568	138.50	14.94	11.75	2.88
612F48N160M4	480.00	48	480	16	577	158.50	14.94	11.75	2.88
612F54N160M4	540.00	54	480	18	650	158.50	14.94	11.75	2.88

14 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
614F54N88M4	302.00	54	480	9	363	86.88	3.81	13.00	3.00
614F54N95M4	302.00	54	480	9	363	91.88	10.81	13.00	3.00
614F60N88M4	336.00	60	480	10	404	86.88	3.81	13.00	3.00
614F60N95M4	336.00	60	480	10	404	91.88	10.81	13.00	3.00
614F54N106M4	340.00	54	480	9	409	104.38	10.81	13.00	3.00
614F60N106M4	378.00	60	480	10	455	104.38	10.81	13.00	3.00
614F72N88M4	403.00	72	480	12	485	86.88	3.81	13.00	3.00
614F72N95M4	403.00	72	480	12	485	91.88	10.81	13.00	3.00
614F54N120M4	421.00	54	480	18	506	118.38	10.81	13.00	3.00
614F72N106M4	453.50	72	480	12	545	104.38	10.81	13.00	3.00
614F60N120M4	468.00	60	480	20	563	118.38	10.81	13.00	3.00
614F54N140M4	472.50	54	480	18	568	138.38	14.81	13.00	3.00
614F60N140M4	525.00	60	480	20	631	138.38	14.81	13.00	3.00
614F54N160M4	540.00	54	480	18	650	158.38	14.81	13.00	3.00
614F72N120M4	562.00	72	480	24	676	118.38	10.81	13.00	3.00
614F60N160M4	600.00	60	480	20	722	158.38	14.81	13.00	3.00
614F72N140M4	630.00	72	480	24	758	138.38	14.81	13.00	3.00
614F72N160M4	720.00	72	480	24	866	158.38	14.81	13.00	3.00

16 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
616F84N88M4	470.00	84	480	14	565	86.63	3.56	15.00	3.25
616F84N95M4	470.00	84	480	14	565	91.63	10.56	15.00	3.25
616F90N88M4	504.00	90	480	15	606	86.63	3.56	15.00	3.25
616F90N95M4	504.00	90	480	15	606	91.63	10.56	15.00	3.25
616F84N106M4	529.00	84	480	14	636	104.13	10.56	15.00	3.25
616F96N88M4	538.00	96	480	16	647	86.63	3.56	15.00	3.25
616F96N95M4	538.00	96	480	16	647	91.63	10.56	15.00	3.25
616F90N106M4	567.00	90	480	15	682	104.13	10.56	15.00	3.25
616F96N106M4	605.00	96	480	16	728	104.13	10.56	15.00	3.25
616F84N120M4	655.00	84	480	28	788	118.13	10.56	15.00	3.25
616F90N120M4	702.00	90	480	30	844	118.13	10.56	15.00	3.25
616F84N140M4	735.00	84	480	28	884	138.13	14.56	15.00	3.25
616F96N120M4	749.00	96	480	32	901	118.13	10.56	15.00	3.25
616F90N140M4	788.00	90	480	30	948	138.13	14.56	15.00	3.25
616F96N140M4	840.00	96	480	32	1,010	138.13	14.56	15.00	3.25
616F84N160M4	840.00	84	480	28	1,010	158.13	14.56	15.00	3.25
616F90N160M4	900.00	90	480	30	1,083	158.13	14.56	15.00	3.25
616F96N160M4	960.00	96	480	32	1,155	158.13	14.56	15.00	3.25

18 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
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600# Flanged Immersion Heaters - Type IF

618F108N88M4	605.00	108	480	18	728	86.38	3.31	17.00	3.50
618F108N95M4	605.00	108	480	18	728	91.38	10.31	17.00	3.50
618F108N106M4	680.00	108	480	18	818	103.88	10.31	17.00	3.50
618F108N120M4	842.00	108	480	36	1,013	117.88	10.31	17.00	3.50
618F108N140M4	945.00	108	480	36	1,137	137.88	14.31	17.00	3.50
618F108N160M4	1,080.00	108	480	36	1,299	157.88	14.31	17.00	3.50

20 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
620F120N88M4	672.00	120	480	20	808	86.13	3.06	19.00	3.75
620F120N95M4	672.00	120	480	20	808	91.13	10.06	19.00	3.75
620F126N88M4	706.00	126	480	21	849	86.13	3.06	19.00	3.75
620F126N95M4	706.00	126	480	21	849	91.13	10.06	19.00	3.75
620F132N88M4	739.00	132	480	22	889	86.13	3.06	19.00	3.75
620F132N95M4	739.00	132	480	22	889	91.13	10.06	19.00	3.75
620F120N106M4	756.00	120	480	20	909	103.63	10.06	19.00	3.75
620F126N106M4	794.00	126	480	21	955	103.63	10.06	19.00	3.75
620F144N88M4	806.00	144	480	24	969	86.13	3.06	19.00	3.75
620F144N95M4	806.00	144	480	24	969	91.13	10.06	19.00	3.75
620F132N106M4	832.00	132	480	22	1,001	103.63	10.06	19.00	3.75
620F162N88M4	907.00	162	480	27	1,091	86.13	3.06	19.00	3.75
620F162N95M4	907.00	162	480	27	1,091	91.13	10.06	19.00	3.75
620F144N106M4	907.00	144	480	24	1,091	103.63	10.06	19.00	3.75
620F120N120M4	936.00	120	480	40	1,126	117.63	10.06	19.00	3.75
620F126N120M4	983.00	126	480	42	1,182	117.63	10.06	19.00	3.75
620F180N88M4	1,008.00	180	480	30	1,212	86.13	3.06	19.00	3.75
620F180N95M4	1,008.00	180	480	30	1,212	91.13	10.06	19.00	3.75
620F162N106M4	1,021.00	162	480	27	1,228	103.63	10.06	19.00	3.75
620F132N120M4	1,030.00	132	480	44	1,239	117.63	10.06	19.00	3.75
620F120N140M4	1,050.00	120	480	40	1,263	137.63	14.06	19.00	3.75
620F126N140M4	1,103.00	126	480	42	1,327	137.63	14.06	19.00	3.75
620F144N120M4	1,123.00	144	480	48	1,351	117.63	10.06	19.00	3.75
620F180N106M4	1,134.00	180	480	30	1,364	103.63	10.06	19.00	3.75
620F132N140M4	1,155.00	132	480	44	1,389	137.63	14.06	19.00	3.75
620F120N160M4	1,200.00	120	480	40	1,443	157.63	14.06	19.00	3.75
620F144N140M4	1,260.00	144	480	48	1,516	137.63	14.06	19.00	3.75
620F126N160M4	1,260.00	126	480	42	1,516	157.63	14.06	19.00	3.75
620F162N120M4	1,264.00	162	480	54	1,520	117.63	10.06	19.00	3.75
620F132N160M4	1,320.00	132	480	44	1,588	157.63	14.06	19.00	3.75
620F180N120M4	1,404.00	180	480	60	1,689	117.63	10.06	19.00	3.75
620F162N140M4	1,418.00	162	480	54	1,706	137.63	14.06	19.00	3.75
620F144N160M4	1,440.00	144	480	48	1,732	157.63	14.06	19.00	3.75
620F180N140M4	1,575.00	180	480	60	1,894	137.63	14.06	19.00	3.75
620F162N160M4	1,620.00	162	480	54	1,949	157.63	14.06	19.00	3.75
620F180N160M4	1,800.00	180	480	60	2,165	157.63	14.06	19.00	3.75

24 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
624F192N88M4	1,075.00	192	480	32	1,293	85.63	2.56	23.00	4.25
624F192N95M4	1,075.00	192	480	32	1,293	90.63	9.56	23.00	4.25
624F216N88M4	1,210.00	216	480	36	1,455	85.63	2.56	23.00	4.25
624F216N95M4	1,210.00	216	480	36	1,455	90.63	9.56	23.00	4.25
624F192N106M4	1,210.00	192	480	32	1,455	103.13	9.56	23.00	4.25
624F234N88M4	1,310.00	234	480	39	1,576	85.63	2.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

624F234N95M4	1,310.00	234	480	39	1,576	90.63	9.56	23.00	4.25
624F240N88M4	1,344.00	240	480	40	1,617	85.63	2.56	23.00	4.25
624F240N95M4	1,344.00	240	480	40	1,617	90.63	9.56	23.00	4.25
624F216N106M4	1,361.00	216	480	36	1,637	103.13	9.56	23.00	4.25
624F234N106M4	1,474.00	234	480	39	1,773	103.13	9.56	23.00	4.25
624F192N120M4	1,498.00	192	480	64	1,802	117.13	9.56	23.00	4.25
624F240N106M4	1,512.00	240	480	40	1,819	103.13	9.56	23.00	4.25
624F192N140M4	1,680.00	192	480	64	2,021	137.13	13.56	23.00	4.25
624F216N120M4	1,685.00	216	480	72	2,027	117.13	9.56	23.00	4.25
624F234N120M4	1,825.00	234	480	78	2,195	117.13	9.56	23.00	4.25
624F240N120M4	1,872.00	240	480	80	2,252	117.13	9.56	23.00	4.25
624F216N140M4	1,890.00	216	480	72	2,273	137.13	13.56	23.00	4.25
624F192N160M4	1,920.00	192	480	64	2,309	157.13	13.56	23.00	4.25
624F234N140M4	2,048.00	234	480	78	2,463	137.13	13.56	23.00	4.25
624F240N140M4	2,100.00	240	480	80	2,526	137.13	13.56	23.00	4.25
624F216N160M4	2,160.00	216	480	72	2,598	157.13	13.56	23.00	4.25
624F234N160M4	2,340.00	234	480	78	2,815	157.13	13.56	23.00	4.25
624F240N160M4	2,400.00	240	480	80	2,887	157.13	13.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

20 Watts/Sq. Inch

3 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
63F3N18B4Y	2.50	3	480	1	3	17.38	3.31	2.90	1.50
63F3N20B4Y	2.88	3	480	1	3	19.38	3.31	2.90	1.50
63F3N25B4Y	3.75	3	480	1	5	24.88	3.31	2.90	1.50
63F3N25B2Y	3.75	3	240	1	9	24.88	3.31	2.90	1.50
63F3N33B4Y	5.00	3	480	1	6	32.38	3.31	2.90	1.50
63F3N33B2Y	5.00	3	240	1	12	32.38	3.31	2.90	1.50
63F3N38B4Y	6.00	3	480	1	7	37.88	5.31	2.90	1.50
63F3N36B4Y	6.38	3	480	1	8	35.38	3.31	2.90	1.50
63F3N43B4Y	6.63	3	480	1	8	42.38	5.31	2.90	1.50
63F3N52B4Y	8.25	3	480	1	10	51.38	5.31	2.90	1.50
63F3N52B2Y	8.25	3	240	1	20	51.38	5.31	2.90	1.50
63F3N57B4Y	8.25	3	480	1	10	56.38	10.31	2.90	1.50
63F3N61B4Y	10.00	3	480	1	12	60.88	5.31	2.90	1.50
63F3N68B4Y	10.00	3	480	1	12	67.88	12.31	2.90	1.50
63F3N88B4Y	14.75	3	480	1	18	88.38	5.31	2.90	1.50
63F3N106B4Y	16.50	3	480	1	20	105.88	12.31	2.90	1.50
63F3N120B4Y	19.00	3	480	1	23	119.88	12.31	2.90	1.50

4 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
64F6N18B4Y	5.00	6	480	1	6	17.13	3.06	3.83	1.75
64F6N20B4Y	5.75	6	480	1	7	19.13	3.06	3.83	1.75
64F6N25B4Y	7.63	6	480	1	9	24.63	3.06	3.83	1.75
64F6N25B2Y	7.63	6	240	1	18	24.63	3.06	3.83	1.75
64F6N33B2Y	10.00	6	240	1	24	32.13	3.06	3.83	1.75
64F6N33B4Y	10.00	6	480	1	12	32.13	3.06	3.83	1.75
64F6N38B4Y	12.00	6	480	1	14	37.63	5.06	3.83	1.75
64F6N36B4Y	12.75	6	480	1	15	35.13	3.06	3.83	1.75
64F6N43B4Y	13.25	6	480	1	16	42.13	5.06	3.83	1.75
64F6N52B2Y	16.50	6	240	1	40	51.13	5.06	3.83	1.75
64F6N52B4Y	16.50	6	480	1	20	51.13	5.06	3.83	1.75
64F6N57B4Y	16.50	6	480	1	20	56.13	10.06	3.83	1.75
64F6N61B4Y	20.00	6	480	1	24	60.63	5.06	3.83	1.75
64F6N68B4Y	20.00	6	480	1	24	67.63	12.06	3.83	1.75
64F6N88B4Y	29.50	6	480	1	35	88.13	5.06	3.83	1.75
64F6N106B4Y	33.25	6	480	1	40	105.63	12.06	3.83	1.75
64F6N120B4Y	38.00	6	480	1	46	119.63	12.06	3.83	1.75

5 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
65F9N18B4Y	7.50	9	480	1	9	16.88	2.81	4.81	2.00
65F9N20B4Y	8.63	9	480	1	10	18.88	2.81	4.81	2.00
65F9N25B2Y	11.50	9	240	1	28	24.38	2.81	4.81	2.00
65F9N25B4Y	11.50	9	480	1	14	24.38	2.81	4.81	2.00
65F9N33B2Y	15.00	9	240	1	36	31.88	2.81	4.81	2.00
65F9N33B4Y	15.00	9	480	1	18	31.88	2.81	4.81	2.00
65F9N38B4Y	18.00	9	480	1	22	37.38	4.81	4.81	2.00
65F9N36B4Y	19.25	9	480	1	23	34.88	2.81	4.81	2.00
65F9N43B4Y	20.00	9	480	1	24	41.88	4.81	4.81	2.00
65F9N52B4Y	25.00	9	480	1	30	50.88	4.81	4.81	2.00

600# Flanged Immersion Heaters - Type IF

65F9N57B4Y	25.00	9	480	1	30	55.88	9.81	4.81	2.00
65F9N61B4Y	30.00	9	480	1	36	60.38	4.81	4.81	2.00
65F9N68B4Y	30.00	9	480	1	36	67.38	11.81	4.81	2.00

6 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
66F12N18B4Y	10.00	12	480	1	12	16.75	2.69	5.76	2.13
66F12N20B4Y	11.50	12	480	1	14	18.75	2.69	5.76	2.13
66F15N18B4Y	12.50	15	480	1	15	16.75	2.69	5.76	2.13
66F15N20B4Y	14.50	15	480	1	17	18.75	2.69	5.76	2.13
66F12N25B4Y	15.25	12	480	1	18	24.25	2.69	5.76	2.13
66F12N25B2Y	15.25	12	240	1	37	24.25	2.69	5.76	2.13
66F15N25B2Y	19.25	15	240	1	46	24.25	2.69	5.76	2.13
66F15N25B4Y	19.25	15	480	1	23	24.25	2.69	5.76	2.13
66F12N33B2Y	20.00	12	240	1	48	31.75	2.69	5.76	2.13
66F12N33B4Y	20.00	12	480	1	24	31.75	2.69	5.76	2.13
66F12N38B4Y	24.00	12	480	1	29	37.25	4.69	5.76	2.13
66F15N33B4Y	25.00	15	480	1	30	31.75	2.69	5.76	2.13
66F12N36B4Y	25.75	12	480	1	31	34.75	2.69	5.76	2.13
66F12N43B4Y	26.50	12	480	1	32	41.75	4.69	5.76	2.13
66F15N38B4Y	30.00	15	480	1	36	37.25	4.69	5.76	2.13
66F15N36B4Y	32.25	15	480	1	39	34.75	2.69	5.76	2.13
66F15N43B4Y	33.25	15	480	1	40	41.75	4.69	5.76	2.13
66F12N52B4Y	33.25	12	480	1	40	50.75	4.69	5.76	2.13
66F12N52B2Y	33.25	12	240	2	80	50.75	4.69	5.76	2.13
66F12N57B4Y	33.25	12	480	1	40	55.75	9.69	5.76	2.13
66F12N61B4Y	40.00	12	480	1	48	60.25	4.69	5.76	2.13
66F12N68B4Y	40.00	12	480	1	48	67.25	11.69	5.76	2.13
66F12N88B4Y	59.00	12	480	2	71	87.75	4.69	5.76	2.13
66F12N106B4Y	66.50	12	480	2	80	105.25	11.69	5.76	2.13
66F12N120B4Y	76.00	12	480	2	91	119.25	11.69	5.76	2.13

8 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
68F18N18B4Y	15.00	18	480	1	18	16.44	2.38	7.63	2.44
68F18N20B4Y	17.25	18	480	1	21	18.44	2.38	7.63	2.44
68F24N18B4Y	20.00	24	480	1	24	16.44	2.38	7.63	2.44
68F24N20B4Y	23.00	24	480	1	28	18.44	2.38	7.63	2.44
68F18N25B4Y	23.00	18	480	1	28	23.94	2.38	7.63	2.44
68F18N33B4Y	30.00	18	480	1	36	31.44	2.38	7.63	2.44
68F24N25B4Y	30.75	24	480	1	37	23.94	2.38	7.63	2.44
68F18N38B4Y	36.00	18	480	1	43	36.94	4.38	7.63	2.44
68F18N36B4Y	38.50	18	480	1	46	34.44	2.38	7.63	2.44
68F24N33B4Y	40.00	24	480	1	48	31.44	2.38	7.63	2.44
68F18N43B4Y	40.00	18	480	1	48	41.44	4.38	7.63	2.44
68F24N38B4Y	48.00	24	480	2	58	36.94	4.38	7.63	2.44
68F18N52B4Y	50.00	18	480	2	60	50.44	4.38	7.63	2.44
68F18N57B4Y	50.00	18	480	2	60	55.44	9.38	7.63	2.44
68F24N36B4Y	51.50	24	480	2	62	34.44	2.38	7.63	2.44
68F24N43B4Y	53.25	24	480	2	64	41.44	4.38	7.63	2.44
68F18N61B4Y	60.00	18	480	2	72	59.94	4.38	7.63	2.44
68F18N68B4Y	60.00	18	480	2	72	66.94	11.38	7.63	2.44
68F24N52B4Y	66.50	24	480	2	80	50.44	4.38	7.63	2.44
68F24N57B4Y	66.50	24	480	2	80	55.44	9.38	7.63	2.44

600# Flanged Immersion Heaters - Type IF

68F24N61B4Y	80.00	24	480	2	96	59.94	4.38	7.63	2.44
68F24N68B4Y	80.00	24	480	2	96	66.94	11.38	7.63	2.44
68F18N88B4Y	88.75	18	480	3	107	87.44	4.38	7.63	2.44
68F18N106B4Y	100.00	18	480	3	120	104.94	11.38	7.63	2.44
68F18N120B4Y	114.00	18	480	3	137	118.94	11.38	7.63	2.44
68F24N88B4Y	118.00	24	480	4	142	87.44	4.38	7.63	2.44
68F24N106B4Y	133.00	24	480	4	160	104.94	11.38	7.63	2.44
68F24N120B4Y	152.00	24	480	4	183	118.94	11.38	7.63	2.44

10 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
610F30N18B4Y	25.00	30	480	1	30	16.13	2.06	9.75	2.75
610F30N20B4Y	29.00	30	480	1	35	18.13	2.06	9.75	2.75
610F36N18B4Y	30.00	36	480	1	36	16.13	2.06	9.75	2.75
610F36N20B4Y	34.75	36	480	1	42	18.13	2.06	9.75	2.75
610F30N25B4Y	38.50	30	480	1	46	23.63	2.06	9.75	2.75
610F36N25B4Y	46.00	36	480	2	55	23.63	2.06	9.75	2.75
610F30N33B4Y	50.00	30	480	2	60	31.13	2.06	9.75	2.75
610F36N33B4Y	60.00	36	480	2	72	31.13	2.06	9.75	2.75
610F30N38B4Y	60.00	30	480	2	72	36.63	4.06	9.75	2.75
610F30N36B4Y	64.50	30	480	2	78	34.13	2.06	9.75	2.75
610F30N43B4Y	66.50	30	480	2	80	41.13	4.06	9.75	2.75
610F36N38B4Y	72.00	36	480	2	87	36.63	4.06	9.75	2.75
610F36N36B4Y	77.25	36	480	2	93	34.13	2.06	9.75	2.75
610F36N43B4Y	80.00	36	480	2	96	41.13	4.06	9.75	2.75
610F36N52B4Y	100.00	36	480	3	120	50.13	4.06	9.75	2.75
610F36N57B4Y	100.00	36	480	3	120	55.13	9.06	9.75	2.75
610F30N61B4Y	100.00	30	480	5	120	59.63	4.06	9.75	2.75
610F30N68B4Y	100.00	30	480	5	120	66.63	11.06	9.75	2.75
610F36N61B4Y	120.00	36	480	3	144	59.63	4.06	9.75	2.75
610F36N68B4Y	120.00	36	480	3	144	66.63	11.06	9.75	2.75
610F30N88B4Y	148.00	30	480	5	178	87.13	4.06	9.75	2.75
610F30N106B4Y	166.50	30	480	5	200	104.63	11.06	9.75	2.75
610F36N88B4Y	177.50	36	480	6	214	87.13	4.06	9.75	2.75
610F30N120B4Y	190.00	30	480	5	229	118.63	11.06	9.75	2.75
610F36N106B4Y	200.00	36	480	6	241	104.63	11.06	9.75	2.75
610F36N120B4Y	228.00	36	480	6	274	118.63	11.06	9.75	2.75

12 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
612F48N43B4Y	106.50	48	480	4	128	41.00	3.94	11.75	2.88
612F48N52B4Y	133.00	48	480	4	160	50.00	3.94	11.75	2.88
612F48N57B4Y	133.00	48	480	4	160	55.00	8.94	11.75	2.88
612F48N61B4Y	160.00	48	480	4	192	59.50	3.94	11.75	2.88
612F48N68B4Y	160.00	48	480	4	192	66.50	10.94	11.75	2.88
612F48N88B4Y	236.50	48	480	8	284	87.00	3.94	11.75	2.88
612F54N88B4Y	266.00	54	480	9	320	87.00	3.94	11.75	2.88
612F48N106B4Y	266.50	48	480	8	321	104.50	10.94	11.75	2.88
612F54N106B4Y	300.00	54	480	9	361	104.50	10.94	11.75	2.88
612F48N120B4Y	304.00	48	480	8	366	118.50	10.94	11.75	2.88
612F54N120B4Y	342.00	54	480	9	411	118.50	10.94	11.75	2.88

14 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
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600# Flanged Immersion Heaters - Type IF

614F54N88B4Y	266.00	54	480	9	320	86.88	3.81	13.00	3.00
614F60N88B4Y	296.00	60	480	10	356	86.88	3.81	13.00	3.00
614F54N106B4Y	300.00	54	480	9	361	104.38	10.81	13.00	3.00
614F60N106B4Y	333.00	60	480	10	401	104.38	10.81	13.00	3.00
614F54N120B4Y	342.00	54	480	9	411	118.38	10.81	13.00	3.00
614F72N88B4Y	355.00	72	480	12	427	86.88	3.81	13.00	3.00
614F60N120B4Y	380.00	60	480	10	457	118.38	10.81	13.00	3.00
614F72N106B4Y	400.00	72	480	12	481	104.38	10.81	13.00	3.00
614F72N120B4Y	456.00	72	480	12	548	118.38	10.81	13.00	3.00

16 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
616F84N88B4Y	414.00	84	480	14	498	86.63	3.56	15.00	3.25
616F90N88B4Y	444.00	90	480	15	534	86.63	3.56	15.00	3.25
616F84N106B4Y	466.50	84	480	14	561	104.13	10.56	15.00	3.25
616F96N88B4Y	473.50	96	480	16	570	86.63	3.56	15.00	3.25
616F90N106B4Y	500.00	90	480	15	601	104.13	10.56	15.00	3.25
616F84N120B4Y	532.00	84	480	14	640	118.13	10.56	15.00	3.25
616F96N106B4Y	533.00	96	480	16	641	104.13	10.56	15.00	3.25
616F90N120B4Y	570.00	90	480	15	686	118.13	10.56	15.00	3.25
616F96N120B4Y	608.00	96	480	16	731	118.13	10.56	15.00	3.25

18 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
618F108N88B4Y	533.00	108	480	18	641	86.38	3.31	17.00	3.50
618F108N106B4Y	600.00	108	480	18	722	103.88	10.31	17.00	3.50
618F108N120B4Y	684.00	108	480	18	823	117.88	10.31	17.00	3.50

20 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
620F120N88B4Y	592.00	120	480	20	712	86.13	3.06	19.00	3.75
620F126N88B4Y	622.00	126	480	21	748	86.13	3.06	19.00	3.75
620F132N88B4Y	651.00	132	480	22	783	86.13	3.06	19.00	3.75
620F120N106B4Y	667.00	120	480	20	802	103.63	10.06	19.00	3.75
620F126N106B4Y	700.00	126	480	21	842	103.63	10.06	19.00	3.75
620F144N88B4Y	710.00	144	480	24	854	86.13	3.06	19.00	3.75
620F132N106B4Y	733.00	132	480	22	882	103.63	10.06	19.00	3.75
620F120N120B4Y	760.00	120	480	20	914	117.63	10.06	19.00	3.75
620F126N120B4Y	798.00	126	480	21	960	117.63	10.06	19.00	3.75
620F162N88B4Y	799.00	162	480	27	961	86.13	3.06	19.00	3.75
620F144N106B4Y	800.00	144	480	24	962	103.63	10.06	19.00	3.75
620F132N120B4Y	836.00	132	480	22	1,006	117.63	10.06	19.00	3.75
620F180N88B4Y	888.00	180	480	30	1,068	86.13	3.06	19.00	3.75
620F162N106B4Y	900.00	162	480	27	1,083	103.63	10.06	19.00	3.75
620F144N120B4Y	912.00	144	480	24	1,097	117.63	10.06	19.00	3.75
620F180N106B4Y	1,000.00	180	480	30	1,203	103.63	10.06	19.00	3.75
620F162N120B4Y	1,026.00	162	480	27	1,234	117.63	10.06	19.00	3.75
620F180N120B4Y	1,140.00	180	480	30	1,371	117.63	10.06	19.00	3.75

24 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
624F192N88B4Y	947.00	192	480	32	1,139	85.63	2.56	23.00	4.25
624F216N88B4Y	1,066.00	216	480	36	1,282	85.63	2.56	23.00	4.25
624F192N106B4Y	1,067.00	192	480	32	1,283	103.13	9.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

624F234N88B4Y	1,154.00	234	480	39	1,388	85.63	2.56	23.00	4.25
624F240N88B4Y	1,184.00	240	480	40	1,424	85.63	2.56	23.00	4.25
624F216N106B4Y	1,200.00	216	480	36	1,443	103.13	9.56	23.00	4.25
624F192N120B4Y	1,216.00	192	480	32	1,463	117.13	9.56	23.00	4.25
624F234N106B4Y	1,300.00	234	480	39	1,564	103.13	9.56	23.00	4.25
624F240N106B4Y	1,333.00	240	480	40	1,603	103.13	9.56	23.00	4.25
624F216N120B4Y	1,368.00	216	480	36	1,645	117.13	9.56	23.00	4.25
624F234N120B4Y	1,482.00	234	480	39	1,783	117.13	9.56	23.00	4.25
624F240N120B4Y	1,520.00	240	480	40	1,828	117.13	9.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

15 Watts/Sq. Inch

3 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
63F3N10H4Y	1.00	3	480	1	1	9.88	3.31	2.90	1.50
63F3N18H2Y	2.00	3	240	1	5	17.38	3.31	2.90	1.50
63F3N18H4Y	2.00	3	480	1	2	17.38	3.31	2.90	1.50
63F3N20H4Y	2.50	3	480	1	3	19.38	3.31	2.90	1.50
63F3N20H2Y	2.50	3	240	1	6	19.38	3.31	2.90	1.50
63F3N25H4Y	3.00	3	480	1	4	24.88	3.31	2.90	1.50
63F3N25H2Y	3.00	3	240	1	7	24.88	3.31	2.90	1.50
63F3N33H4Y	4.00	3	480	1	5	32.38	3.31	2.90	1.50
63F3N33H2Y	4.00	3	240	1	10	32.38	3.31	2.90	1.50
63F3N40H4Y	5.00	3	480	1	6	39.88	3.31	2.90	1.50
63F3N40H2Y	5.00	3	240	1	12	39.88	3.31	2.90	1.50
63F3N48H4Y	6.00	3	480	1	7	47.38	3.31	2.90	1.50
63F3N52H4Y	6.00	3	480	1	7	51.38	5.31	2.90	1.50
63F3N61H4Y	8.25	3	480	1	10	60.88	5.31	2.90	1.50
63F3N68H4Y	8.25	3	480	1	10	67.88	12.31	2.90	1.50
63F3N80H4Y	11.00	3	480	1	13	78.38	10.31	2.90	1.50
63F3N88H4Y	12.50	3	480	1	15	88.38	5.31	2.90	1.50
63F3N95H4Y	12.50	3	480	1	15	95.38	12.31	2.90	1.50
63F3N120H4Y	15.00	3	480	1	18	119.88	13.81	2.90	1.50
63F3N140H4Y	17.50	3	480	1	21	139.88	16.31	2.90	1.50
63F3N160H4Y	20.00	3	480	1	24	159.88	16.31	2.90	1.50

4 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
64F6N10H4Y	2.00	6	480	1	2	9.63	3.06	3.83	1.75
64F6N18B4S	3.75	6	480	1	5	17.13	3.06	3.83	1.75
64F6N18H4Y	4.00	6	480	1	5	17.13	3.06	3.83	1.75
64F6N18H2Y	4.00	6	240	1	10	17.13	3.06	3.83	1.75
64F6N20B4S	4.25	6	480	1	5	19.13	3.06	3.83	1.75
64F6N20H4Y	5.00	6	480	1	6	19.13	3.06	3.83	1.75
64F6N20H2Y	5.00	6	240	1	12	19.13	3.06	3.83	1.75
64F6N25B2S	5.75	6	240	1	14	24.63	3.06	3.83	1.75
64F6N25B4S	5.75	6	480	1	7	24.63	3.06	3.83	1.75
64F6N25H2Y	6.00	6	240	1	14	24.63	3.06	3.83	1.75
64F6N25H4Y	6.00	6	480	1	7	24.63	3.06	3.83	1.75
64F6N33B4S	7.50	6	480	1	9	32.13	3.06	3.83	1.75
64F6N33B2S	7.50	6	240	1	18	32.13	3.06	3.83	1.75
64F6N33H2Y	8.00	6	240	1	19	32.13	3.06	3.83	1.75
64F6N33H4Y	8.00	6	480	1	10	32.13	3.06	3.83	1.75
64F6N38B4S	9.00	6	480	1	11	37.63	5.06	3.83	1.75
64F6N36B4S	9.63	6	480	1	12	35.13	3.06	3.83	1.75
64F6N40H4Y	10.00	6	480	1	12	39.63	3.06	3.83	1.75
64F6N40H2Y	10.00	6	240	1	24	39.63	3.06	3.83	1.75
64F6N43B4S	10.00	6	480	1	12	42.13	5.06	3.83	1.75
64F6N48H4Y	12.00	6	480	1	14	47.13	3.06	3.83	1.75
64F6N52H4Y	12.00	6	480	1	14	51.13	5.06	3.83	1.75
64F6N52B4S	12.50	6	480	1	15	51.13	5.06	3.83	1.75
64F6N52B2S	12.50	6	240	1	30	51.13	5.06	3.83	1.75
64F6N57B4S	12.50	6	480	1	15	56.13	10.06	3.83	1.75
64F6N61B4S	15.00	6	480	1	18	60.63	5.06	3.83	1.75

600# Flanged Immersion Heaters - Type IF

64F6N68B4S	15.00	6	480	1	18	67.63	12.06	3.83	1.75
64F6N61H4Y	16.50	6	480	1	20	60.63	5.06	3.83	1.75
64F6N68H4Y	16.50	6	480	1	20	67.63	12.06	3.83	1.75
64F6N80H4Y	22.00	6	480	1	26	78.13	10.06	3.83	1.75
64F6N88B4S	22.00	6	480	1	26	88.13	5.06	3.83	1.75
64F6N88H4Y	25.00	6	480	1	30	88.13	5.06	3.83	1.75
64F6N95H4Y	25.00	6	480	1	30	95.13	12.06	3.83	1.75
64F6N106B4S	25.00	6	480	1	30	105.63	12.06	3.83	1.75
64F6N120B4S	28.50	6	480	1	34	119.63	12.06	3.83	1.75
64F6N120H4Y	30.00	6	480	1	36	119.63	13.56	3.83	1.75
64F6N140H4Y	35.00	6	480	1	42	139.63	16.06	3.83	1.75
64F6N160H4Y	40.00	6	480	1	48	159.63	16.06	3.83	1.75

5 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
65F9N10H4Y	3.00	9	480	1	4	9.38	2.81	4.81	2.00
65F9N18H4Y	6.00	9	480	1	7	16.88	2.81	4.81	2.00
65F9N18H2Y	6.00	9	240	1	14	16.88	2.81	4.81	2.00
65F9N20H2Y	7.50	9	240	1	18	18.88	2.81	4.81	2.00
65F9N20H4Y	7.50	9	480	1	9	18.88	2.81	4.81	2.00
65F9N25H2Y	9.00	9	240	1	22	24.38	2.81	4.81	2.00
65F9N25H4Y	9.00	9	480	1	11	24.38	2.81	4.81	2.00
65F9N33H2Y	12.00	9	240	1	29	31.88	2.81	4.81	2.00
65F9N33H4Y	12.00	9	480	1	14	31.88	2.81	4.81	2.00
65F9N40H2Y	15.00	9	240	1	36	39.38	2.81	4.81	2.00
65F9N40H4Y	15.00	9	480	1	18	39.38	2.81	4.81	2.00
65F9N48H4Y	18.00	9	480	1	22	46.88	2.81	4.81	2.00
65F9N52H4Y	18.00	9	480	1	22	50.88	4.81	4.81	2.00
65F9N61H4Y	25.00	9	480	1	30	60.38	4.81	4.81	2.00
65F9N61H2Y	25.00	9	240	1	60	60.38	4.81	4.81	2.00
65F9N68H4Y	25.00	9	480	1	30	67.38	11.81	4.81	2.00
65F9N80H4Y	33.25	9	480	1	40	77.88	9.81	4.81	2.00
65F9N88H4Y	37.50	9	480	1	45	87.88	4.81	4.81	2.00
65F9N95H4Y	37.50	9	480	1	45	94.88	11.81	4.81	2.00
65F9N160H4Y	60.00	9	480	3	72	159.38	15.81	4.81	2.00

6 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
66F12N10H4Y	4.00	12	480	1	5	9.25	2.69	5.76	2.13
66F15N10H4Y	5.00	15	480	1	6	9.25	2.69	5.76	2.13
66F12N18B4S	7.50	12	480	1	9	16.75	2.69	5.76	2.13
66F12N18H4Y	8.00	12	480	1	10	16.75	2.69	5.76	2.13
66F12N18H2Y	8.00	12	240	1	19	16.75	2.69	5.76	2.13
66F12N20B4S	8.63	12	480	1	10	18.75	2.69	5.76	2.13
66F15N18H2Y	10.00	15	240	1	24	16.75	2.69	5.76	2.13
66F15N18H4Y	10.00	15	480	1	12	16.75	2.69	5.76	2.13
66F12N20H2Y	10.00	12	240	1	24	18.75	2.69	5.76	2.13
66F12N20H4Y	10.00	12	480	1	12	18.75	2.69	5.76	2.13
66F12N25B2S	11.50	12	240	1	28	24.25	2.69	5.76	2.13
66F12N25B4S	11.50	12	480	1	14	24.25	2.69	5.76	2.13
66F12N25H4Y	12.00	12	480	1	14	24.25	2.69	5.76	2.13
66F12N25H2Y	12.00	12	240	1	29	24.25	2.69	5.76	2.13
66F15N20H2Y	12.50	15	240	1	30	18.75	2.69	5.76	2.13
66F15N20H4Y	12.50	15	480	1	15	18.75	2.69	5.76	2.13

600# Flanged Immersion Heaters - Type IF

66F15N25H2Y	15.00	15	240	1	36	24.25	2.69	5.76	2.13
66F15N25H4Y	15.00	15	480	1	18	24.25	2.69	5.76	2.13
66F12N33B2S	15.00	12	240	1	36	31.75	2.69	5.76	2.13
66F12N33B4S	15.00	12	480	1	18	31.75	2.69	5.76	2.13
66F12N33H2Y	16.00	12	240	1	38	31.75	2.69	5.76	2.13
66F12N33H4Y	16.00	12	480	1	19	31.75	2.69	5.76	2.13
66F12N38B4S	18.00	12	480	1	22	37.25	4.69	5.76	2.13
66F12N36B4S	19.25	12	480	1	23	34.75	2.69	5.76	2.13
66F15N33H2Y	20.00	15	240	1	48	31.75	2.69	5.76	2.13
66F15N33H4Y	20.00	15	480	1	24	31.75	2.69	5.76	2.13
66F12N40H2Y	20.00	12	240	1	48	39.25	2.69	5.76	2.13
66F12N40H4Y	20.00	12	480	1	24	39.25	2.69	5.76	2.13
66F12N43B4S	20.00	12	480	1	24	41.75	4.69	5.76	2.13
66F12N48H4Y	24.00	12	480	1	29	46.75	2.69	5.76	2.13
66F12N52H4Y	24.00	12	480	1	29	50.75	4.69	5.76	2.13
66F15N40H4Y	25.00	15	480	1	30	39.25	2.69	5.76	2.13
66F12N52B4S	25.00	12	480	1	30	50.75	4.69	5.76	2.13
66F12N52B2S	25.00	12	240	2	60	50.75	4.69	5.76	2.13
66F12N57B4S	25.00	12	480	1	30	55.75	9.69	5.76	2.13
66F15N48H4Y	30.00	15	480	1	36	46.75	2.69	5.76	2.13
66F15N52H4Y	30.00	15	480	1	36	50.75	4.69	5.76	2.13
66F12N61B4S	30.00	12	480	1	36	60.25	4.69	5.76	2.13
66F12N68B4S	30.00	12	480	1	36	67.25	11.69	5.76	2.13
66F12N61H4Y	33.25	12	480	1	40	60.25	4.69	5.76	2.13
66F12N68H4Y	33.25	12	480	1	40	67.25	11.69	5.76	2.13
66F12N80H4Y	44.25	12	480	2	53	77.75	9.69	5.76	2.13
66F12N88B4S	44.25	12	480	2	53	87.75	4.69	5.76	2.13
66F12N88H4Y	50.00	12	480	2	60	87.75	4.69	5.76	2.13
66F12N95H4Y	50.00	12	480	2	60	94.75	11.69	5.76	2.13
66F12N106B4S	50.00	12	480	2	60	105.25	11.69	5.76	2.13
66F12N120B4S	57.00	12	480	2	69	119.25	11.69	5.76	2.13
66F12N120H4Y	60.00	12	480	2	72	119.25	13.19	5.76	2.13
66F12N140H4Y	70.00	12	480	2	84	139.25	15.69	5.76	2.13
66F12N160H4Y	80.00	12	480	2	96	159.25	15.69	5.76	2.13
66F15N160H4Y	100.00	15	480	5	120	159.25	15.69	5.76	2.13

8 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
68F18N10H4Y	6.00	18	480	1	7	8.94	2.38	7.63	2.44
68F24N10H4Y	8.00	24	480	1	10	8.94	2.38	7.63	2.44
68F18N18B4S	11.25	18	480	1	14	16.44	2.38	7.63	2.44
68F18N18H4Y	12.00	18	480	1	14	16.44	2.38	7.63	2.44
68F18N20B4S	13.00	18	480	1	16	18.44	2.38	7.63	2.44
68F24N18B4S	15.00	24	480	1	18	16.44	2.38	7.63	2.44
68F18N20H4Y	15.00	18	480	1	18	18.44	2.38	7.63	2.44
68F24N18H4Y	16.00	24	480	1	19	16.44	2.38	7.63	2.44
68F24N20B4S	17.25	24	480	1	21	18.44	2.38	7.63	2.44
68F18N25B4S	17.25	18	480	1	21	23.94	2.38	7.63	2.44
68F18N25H4Y	18.00	18	480	1	22	23.94	2.38	7.63	2.44
68F24N20H4Y	20.00	24	480	1	24	18.44	2.38	7.63	2.44
68F18N33B4S	22.50	18	480	1	27	31.44	2.38	7.63	2.44
68F24N25B4S	23.00	24	480	1	28	23.94	2.38	7.63	2.44
68F24N25H4Y	24.00	24	480	1	29	23.94	2.38	7.63	2.44
68F18N33H4Y	24.00	18	480	1	29	31.44	2.38	7.63	2.44

600# Flanged Immersion Heaters - Type IF

68F18N38B4S	27.00	18	480	1	32	36.94	4.38	7.63	2.44
68F18N36B4S	29.00	18	480	1	35	34.44	2.38	7.63	2.44
68F24N33B4S	30.00	24	480	1	36	31.44	2.38	7.63	2.44
68F18N40H4Y	30.00	18	480	1	36	38.94	2.38	7.63	2.44
68F18N43B4S	30.00	18	480	1	36	41.44	4.38	7.63	2.44
68F24N33H4Y	32.00	24	480	1	38	31.44	2.38	7.63	2.44
68F24N38B4S	36.00	24	480	1	43	36.94	4.38	7.63	2.44
68F18N48H4Y	36.00	18	480	1	43	46.44	2.38	7.63	2.44
68F18N52H4Y	36.00	18	480	1	43	50.44	4.38	7.63	2.44
68F18N52B4S	37.50	18	480	1	45	50.44	4.38	7.63	2.44
68F18N57B4S	37.50	18	480	1	45	55.44	9.38	7.63	2.44
68F24N36B4S	38.50	24	480	1	46	34.44	2.38	7.63	2.44
68F24N40H4Y	40.00	24	480	1	48	38.94	2.38	7.63	2.44
68F24N43B4S	40.00	24	480	1	48	41.44	4.38	7.63	2.44
68F24N48H4Y	48.00	24	480	2	58	46.44	2.38	7.63	2.44
68F24N52H4Y	48.00	24	480	2	58	50.44	4.38	7.63	2.44
68F24N52B4S	50.00	24	480	2	60	50.44	4.38	7.63	2.44
68F24N57B4S	50.00	24	480	2	60	55.44	9.38	7.63	2.44
68F18N61H4Y	50.00	18	480	2	60	59.94	4.38	7.63	2.44
68F18N68H4Y	50.00	18	480	2	60	66.94	11.38	7.63	2.44
68F24N61B4S	60.00	24	480	2	72	59.94	4.38	7.63	2.44
68F24N68B4S	60.00	24	480	2	72	66.94	11.38	7.63	2.44
68F24N61H4Y	66.50	24	480	2	80	59.94	4.38	7.63	2.44
68F24N68H4Y	66.50	24	480	2	80	66.94	11.38	7.63	2.44
68F18N80H4Y	66.50	18	480	2	80	77.44	9.38	7.63	2.44
68F18N88B4S	66.50	18	480	3	80	87.44	4.38	7.63	2.44
68F18N88H4Y	75.00	18	480	2	90	87.44	4.38	7.63	2.44
68F18N95H4Y	75.00	18	480	2	90	94.44	11.38	7.63	2.44
68F18N106B4S	75.00	18	480	3	90	104.94	11.38	7.63	2.44
68F18N120B4S	85.50	18	480	3	103	118.94	11.38	7.63	2.44
68F24N80H4Y	88.75	24	480	4	107	77.44	9.38	7.63	2.44
68F24N88B4S	88.75	24	480	4	107	87.44	4.38	7.63	2.44
68F18N120H4Y	90.00	18	480	3	108	118.94	12.88	7.63	2.44
68F24N88H4Y	100.00	24	480	4	120	87.44	4.38	7.63	2.44
68F24N95H4Y	100.00	24	480	4	120	94.44	11.38	7.63	2.44
68F24N106B4S	100.00	24	480	4	120	104.94	11.38	7.63	2.44
68F18N140H4Y	105.00	18	480	3	126	138.94	15.38	7.63	2.44
68F24N120B4S	114.00	24	480	4	137	118.94	11.38	7.63	2.44
68F24N120H4Y	120.00	24	480	4	144	118.94	12.88	7.63	2.44
68F18N160H4Y	120.00	18	480	3	144	158.94	15.38	7.63	2.44
68F24N140H4Y	140.00	24	480	4	168	138.94	15.38	7.63	2.44
68F24N160H4Y	160.00	24	480	4	192	158.94	15.38	7.63	2.44

10 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
610F30N10H4Y	10.00	30	480	1	12	8.63	2.06	9.75	2.75
610F36N10H4Y	12.00	36	480	1	14	8.63	2.06	9.75	2.75
610F30N18B4S	18.75	30	480	1	23	16.13	2.06	9.75	2.75
610F30N18H4Y	20.00	30	480	1	24	16.13	2.06	9.75	2.75
610F30N20B4S	21.75	30	480	1	26	18.13	2.06	9.75	2.75
610F36N18B4S	22.50	36	480	1	27	16.13	2.06	9.75	2.75
610F36N18H4Y	24.00	36	480	1	29	16.13	2.06	9.75	2.75
610F30N20H4Y	25.00	30	480	1	30	18.13	2.06	9.75	2.75
610F36N20B4S	26.00	36	480	1	31	18.13	2.06	9.75	2.75

600# Flanged Immersion Heaters - Type IF

610F30N25B4S	28.75	30	480	1	35	23.63	2.06	9.75	2.75
610F36N20H4Y	30.00	36	480	1	36	18.13	2.06	9.75	2.75
610F30N25H4Y	30.00	30	480	1	36	23.63	2.06	9.75	2.75
610F36N25B4S	34.50	36	480	1	41	23.63	2.06	9.75	2.75
610F36N25H4Y	36.00	36	480	1	43	23.63	2.06	9.75	2.75
610F30N33B4S	37.50	30	480	1	45	31.13	2.06	9.75	2.75
610F30N33H4Y	40.00	30	480	1	48	31.13	2.06	9.75	2.75
610F36N33B4S	45.00	36	480	2	54	31.13	2.06	9.75	2.75
610F36N33H4Y	48.00	36	480	2	58	31.13	2.06	9.75	2.75
610F30N40H4Y	50.00	30	480	2	60	38.63	2.06	9.75	2.75
610F36N38B4S	54.00	36	480	2	65	36.63	4.06	9.75	2.75
610F36N36B4S	58.00	36	480	2	70	34.13	2.06	9.75	2.75
610F36N40H4Y	60.00	36	480	2	72	38.63	2.06	9.75	2.75
610F36N43B4S	60.00	36	480	2	72	41.13	4.06	9.75	2.75
610F30N48H4Y	60.00	30	480	2	72	46.13	2.06	9.75	2.75
610F30N52H4Y	60.00	30	480	2	72	50.13	4.06	9.75	2.75
610F36N48H4Y	72.00	36	480	2	87	46.13	2.06	9.75	2.75
610F36N52H4Y	72.00	36	480	2	87	50.13	4.06	9.75	2.75
610F36N52B4S	75.00	36	480	2	90	50.13	4.06	9.75	2.75
610F36N57B4S	75.00	36	480	2	90	55.13	9.06	9.75	2.75
610F36N61B4S	90.00	36	480	3	108	59.63	4.06	9.75	2.75
610F36N68B4S	90.00	36	480	3	108	66.63	11.06	9.75	2.75
610F36N61H4Y	100.00	36	480	3	120	59.63	4.06	9.75	2.75
610F36N68H4Y	100.00	36	480	3	120	66.63	11.06	9.75	2.75
610F30N80H4Y	111.00	30	480	5	134	77.13	9.06	9.75	2.75
610F30N88B4S	111.00	30	480	5	134	87.13	4.06	9.75	2.75
610F30N88H4Y	125.00	30	480	5	150	87.13	4.06	9.75	2.75
610F30N95H4Y	125.00	30	480	5	150	94.13	11.06	9.75	2.75
610F30N106B4S	125.00	30	480	5	150	104.63	11.06	9.75	2.75
610F36N80H4Y	133.00	36	480	4	160	77.13	9.06	9.75	2.75
610F36N88B4S	133.00	36	480	6	160	87.13	4.06	9.75	2.75
610F30N120B4S	142.50	30	480	5	171	118.63	11.06	9.75	2.75
610F36N88H4Y	150.00	36	480	4	180	87.13	4.06	9.75	2.75
610F36N95H4Y	150.00	36	480	4	180	94.13	11.06	9.75	2.75
610F36N106B4S	150.00	36	480	6	180	104.63	11.06	9.75	2.75
610F30N120H4Y	150.00	30	480	5	180	118.63	12.56	9.75	2.75
610F36N120B4S	171.00	36	480	6	206	118.63	11.06	9.75	2.75
610F30N140H4Y	175.00	30	480	5	210	138.63	15.06	9.75	2.75
610F36N120H4Y	180.00	36	480	6	217	118.63	12.56	9.75	2.75
610F30N160H4Y	200.00	30	480	5	241	158.63	15.06	9.75	2.75
610F36N140H4Y	210.00	36	480	6	253	138.63	15.06	9.75	2.75
610F36N160H4Y	240.00	36	480	6	289	158.63	15.06	9.75	2.75

12 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
612F48N40H4Y	80.00	48	480	2	96	38.50	1.94	11.75	2.88
612F48N43B4S	80.00	48	480	2	96	41.00	3.94	11.75	2.88
612F48N48H4Y	96.00	48	480	4	115	46.00	1.94	11.75	2.88
612F48N52H4Y	96.00	48	480	4	115	50.00	3.94	11.75	2.88
612F48N52B4S	100.00	48	480	4	120	50.00	3.94	11.75	2.88
612F48N57B4S	100.00	48	480	4	120	55.00	8.94	11.75	2.88
612F48N61B4S	120.00	48	480	4	144	59.50	3.94	11.75	2.88
612F48N68B4S	120.00	48	480	4	144	66.50	10.94	11.75	2.88
612F48N61H4Y	133.00	48	480	4	160	59.50	3.94	11.75	2.88

600# Flanged Immersion Heaters - Type IF

612F48N68H4Y	133.00	48	480	4	160	66.50	10.94	11.75	2.88
612F48N80H4Y	177.50	48	480	8	214	77.00	8.94	11.75	2.88
612F48N88B4S	177.50	48	480	8	214	87.00	3.94	11.75	2.88
612F54N80H4Y	199.50	54	480	6	240	77.00	8.94	11.75	2.88
612F54N88B4S	199.50	54	480	9	240	87.00	3.94	11.75	2.88
612F48N88H4Y	200.00	48	480	8	241	87.00	3.94	11.75	2.88
612F48N95H4Y	200.00	48	480	8	241	94.00	10.94	11.75	2.88
612F48N106B4S	200.00	48	480	8	241	104.50	10.94	11.75	2.88
612F54N88H4Y	225.00	54	480	6	271	87.00	3.94	11.75	2.88
612F54N95H4Y	225.00	54	480	6	271	94.00	10.94	11.75	2.88
612F54N106B4S	225.00	54	480	9	271	104.50	10.94	11.75	2.88
612F48N120B4S	228.00	48	480	8	274	118.50	10.94	11.75	2.88
612F48N120H4Y	240.00	48	480	8	289	118.50	12.44	11.75	2.88
612F54N120B4S	256.50	54	480	9	309	118.50	10.94	11.75	2.88
612F54N120H4Y	270.00	54	480	9	325	118.50	12.44	11.75	2.88
612F48N140H4Y	280.00	48	480	8	337	138.50	14.94	11.75	2.88
612F54N140H4Y	315.00	54	480	9	379	138.50	14.94	11.75	2.88
612F48N160H4Y	320.00	48	480	8	385	158.50	14.94	11.75	2.88
612F54N160H4Y	360.00	54	480	9	433	158.50	14.94	11.75	2.88

14 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
614F54N80H4Y	199.50	54	480	6	240	76.88	8.81	13.00	3.00
614F54N88B4S	199.50	54	480	9	240	86.88	3.81	13.00	3.00
614F60N80H4Y	222.00	60	480	10	267	76.88	8.81	13.00	3.00
614F60N88B4S	222.00	60	480	10	267	86.88	3.81	13.00	3.00
614F54N88H4Y	225.00	54	480	6	271	86.88	3.81	13.00	3.00
614F54N95H4Y	225.00	54	480	6	271	93.88	10.81	13.00	3.00
614F54N106B4S	225.00	54	480	9	271	104.38	10.81	13.00	3.00
614F60N88H4Y	250.00	60	480	10	301	86.88	3.81	13.00	3.00
614F60N95H4Y	250.00	60	480	10	301	93.88	10.81	13.00	3.00
614F60N106B4S	250.00	60	480	10	301	104.38	10.81	13.00	3.00
614F54N120B4S	256.50	54	480	9	309	118.38	10.81	13.00	3.00
614F72N80H4Y	266.00	72	480	8	320	76.88	8.81	13.00	3.00
614F72N88B4S	266.00	72	480	12	320	86.88	3.81	13.00	3.00
614F54N120H4Y	270.00	54	480	9	325	118.38	12.31	13.00	3.00
614F60N120B4S	285.00	60	480	10	343	118.38	10.81	13.00	3.00
614F72N88H4Y	300.00	72	480	8	361	86.88	3.81	13.00	3.00
614F72N95H4Y	300.00	72	480	8	361	93.88	10.81	13.00	3.00
614F72N106B4S	300.00	72	480	12	361	104.38	10.81	13.00	3.00
614F60N120H4Y	300.00	60	480	10	361	118.38	12.31	13.00	3.00
614F54N140H4Y	315.00	54	480	9	379	138.38	14.81	13.00	3.00
614F72N120B4S	342.00	72	480	12	411	118.38	10.81	13.00	3.00
614F60N140H4Y	350.00	60	480	10	421	138.38	14.81	13.00	3.00
614F72N120H4Y	360.00	72	480	12	433	118.38	12.31	13.00	3.00
614F54N160H4Y	360.00	54	480	9	433	158.38	14.81	13.00	3.00
614F60N160H4Y	400.00	60	480	10	481	158.38	14.81	13.00	3.00
614F72N140H4Y	420.00	72	480	12	505	138.38	14.81	13.00	3.00
614F72N160H4Y	480.00	72	480	12	577	158.38	14.81	13.00	3.00

16 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
616F84N80H4Y	310.50	84	480	14	373	76.63	8.56	15.00	3.25
616F84N88B4S	310.50	84	480	14	373	86.63	3.56	15.00	3.25

600# Flanged Immersion Heaters - Type IF

616F90N80H4Y	333.00	90	480	10	401	76.63	8.56	15.00	3.25
616F90N88B4S	333.00	90	480	15	401	86.63	3.56	15.00	3.25
616F84N88H4Y	350.00	84	480	14	421	86.63	3.56	15.00	3.25
616F84N95H4Y	350.00	84	480	14	421	93.63	10.56	15.00	3.25
616F84N106B4S	350.00	84	480	14	421	104.13	10.56	15.00	3.25
616F96N80H4Y	355.00	96	480	16	427	76.63	8.56	15.00	3.25
616F96N88B4S	355.00	96	480	16	427	86.63	3.56	15.00	3.25
616F90N88H4Y	375.00	90	480	10	451	86.63	3.56	15.00	3.25
616F90N95H4Y	375.00	90	480	10	451	93.63	10.56	15.00	3.25
616F90N106B4S	375.00	90	480	15	451	104.13	10.56	15.00	3.25
616F84N120B4S	399.00	84	480	14	480	118.13	10.56	15.00	3.25
616F96N88H4Y	400.00	96	480	16	481	86.63	3.56	15.00	3.25
616F96N95H4Y	400.00	96	480	16	481	93.63	10.56	15.00	3.25
616F96N106B4S	400.00	96	480	16	481	104.13	10.56	15.00	3.25
616F84N120H4Y	420.00	84	480	14	505	118.13	12.06	15.00	3.25
616F90N120B4S	427.50	90	480	15	514	118.13	10.56	15.00	3.25
616F90N120H4Y	450.00	90	480	15	541	118.13	12.06	15.00	3.25
616F96N120B4S	456.00	96	480	16	548	118.13	10.56	15.00	3.25
616F96N120H4Y	480.00	96	480	16	577	118.13	12.06	15.00	3.25
616F84N140H4Y	490.00	84	480	14	589	138.13	14.56	15.00	3.25
616F90N140H4Y	525.00	90	480	15	631	138.13	14.56	15.00	3.25
616F96N140H4Y	560.00	96	480	16	674	138.13	14.56	15.00	3.25
616F84N160H4Y	560.00	84	480	14	674	158.13	14.56	15.00	3.25
616F90N160H4Y	600.00	90	480	15	722	158.13	14.56	15.00	3.25
616F96N160H4Y	640.00	96	480	16	770	158.13	14.56	15.00	3.25

18 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
618F108N88B4S	399.50	108	480	18	481	86.38	3.31	17.00	3.50
618F108N88H4Y	450.00	108	480	12	541	86.38	3.31	17.00	3.50
618F108N95H4Y	450.00	108	480	12	541	93.38	10.31	17.00	3.50
618F108N106B4S	450.00	108	480	18	541	103.88	10.31	17.00	3.50
618F108N120B4S	513.00	108	480	18	617	117.88	10.31	17.00	3.50
618F108N120H4Y	540.00	108	480	18	650	117.88	11.81	17.00	3.50
618F108N140H4Y	630.00	108	480	18	758	137.88	14.31	17.00	3.50
618F108N160H4Y	720.00	108	480	18	866	157.88	14.31	17.00	3.50

20 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
620F120N88B4S	444.00	120	480	20	534	86.13	3.06	19.00	3.75
620F126N88B4S	466.00	126	480	21	561	86.13	3.06	19.00	3.75
620F132N88B4S	488.00	132	480	22	587	86.13	3.06	19.00	3.75
620F120N88H4Y	500.00	120	480	20	601	86.13	3.06	19.00	3.75
620F120N95H4Y	500.00	120	480	20	601	93.13	10.06	19.00	3.75
620F120N106B4S	500.00	120	480	20	601	103.63	10.06	19.00	3.75
620F126N88H4Y	525.00	126	480	14	631	86.13	3.06	19.00	3.75
620F126N95H4Y	525.00	126	480	14	631	93.13	10.06	19.00	3.75
620F126N106B4S	525.00	126	480	21	631	103.63	10.06	19.00	3.75
620F144N88B4S	533.00	144	480	24	641	86.13	3.06	19.00	3.75
620F132N88H4Y	550.00	132	480	22	662	86.13	3.06	19.00	3.75
620F132N95H4Y	550.00	132	480	22	662	93.13	10.06	19.00	3.75
620F132N106B4S	550.00	132	480	22	662	103.63	10.06	19.00	3.75
620F120N120B4S	570.00	120	480	20	686	117.63	10.06	19.00	3.75
620F162N88B4S	599.00	162	480	27	721	86.13	3.06	19.00	3.75

600# Flanged Immersion Heaters - Type IF

620F126N120B4S	599.00	126	480	21	721	117.63	10.06	19.00	3.75
620F144N88H4Y	600.00	144	480	24	722	86.13	3.06	19.00	3.75
620F144N95H4Y	600.00	144	480	24	722	93.13	10.06	19.00	3.75
620F144N106B4S	600.00	144	480	24	722	103.63	10.06	19.00	3.75
620F120N120H4Y	600.00	120	480	20	722	117.63	11.56	19.00	3.75
620F132N120B4S	627.00	132	480	22	754	117.63	10.06	19.00	3.75
620F126N120H4Y	630.00	126	480	21	758	117.63	11.56	19.00	3.75
620F132N120H4Y	660.00	132	480	22	794	117.63	11.56	19.00	3.75
620F180N88B4S	666.00	180	480	20	801	86.13	3.06	19.00	3.75
620F162N88H4Y	675.00	162	480	18	812	86.13	3.06	19.00	3.75
620F162N95H4Y	675.00	162	480	18	812	93.13	10.06	19.00	3.75
620F162N106B4S	675.00	162	480	27	812	103.63	10.06	19.00	3.75
620F144N120B4S	684.00	144	480	24	823	117.63	10.06	19.00	3.75
620F120N140H4Y	700.00	120	480	20	842	137.63	14.06	19.00	3.75
620F144N120H4Y	720.00	144	480	24	866	117.63	11.56	19.00	3.75
620F126N140H4Y	735.00	126	480	21	884	137.63	14.06	19.00	3.75
620F180N88H4Y	750.00	180	480	20	902	86.13	3.06	19.00	3.75
620F180N95H4Y	750.00	180	480	20	902	93.13	10.06	19.00	3.75
620F180N106B4S	750.00	180	480	20	902	103.63	10.06	19.00	3.75
620F162N120B4S	770.00	162	480	27	926	117.63	10.06	19.00	3.75
620F132N140H4Y	770.00	132	480	22	926	137.63	14.06	19.00	3.75
620F120N160H4Y	800.00	120	480	20	962	157.63	14.06	19.00	3.75
620F162N120H4Y	810.00	162	480	27	974	117.63	11.56	19.00	3.75
620F144N140H4Y	840.00	144	480	24	1,010	137.63	14.06	19.00	3.75
620F126N160H4Y	840.00	126	480	21	1,010	157.63	14.06	19.00	3.75
620F180N120B4S	855.00	180	480	30	1,028	117.63	10.06	19.00	3.75
620F132N160H4Y	880.00	132	480	22	1,059	157.63	14.06	19.00	3.75
620F180N120H4Y	900.00	180	480	30	1,083	117.63	11.56	19.00	3.75
620F162N140H4Y	945.00	162	480	27	1,137	137.63	14.06	19.00	3.75
620F144N160H4Y	960.00	144	480	24	1,155	157.63	14.06	19.00	3.75
620F180N140H4Y	1,050.00	180	480	30	1,263	137.63	14.06	19.00	3.75
620F162N160H4Y	1,080.00	162	480	27	1,299	157.63	14.06	19.00	3.75
620F180N160H4Y	1,200.00	180	480	30	1,443	157.63	14.06	19.00	3.75

24 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
624F192N88B4S	710.00	192	480	32	854	85.63	2.56	23.00	4.25
624F216N88B4S	799.00	216	480	36	961	85.63	2.56	23.00	4.25
624F192N88H4Y	800.00	192	480	32	962	85.63	2.56	23.00	4.25
624F192N95H4Y	800.00	192	480	32	962	92.63	9.56	23.00	4.25
624F192N106B4S	800.00	192	480	32	962	103.13	9.56	23.00	4.25
624F234N88B4S	866.00	234	480	39	1,042	85.63	2.56	23.00	4.25
624F240N88B4S	888.00	240	480	40	1,068	85.63	2.56	23.00	4.25
624F216N88H4Y	900.00	216	480	24	1,083	85.63	2.56	23.00	4.25
624F216N95H4Y	900.00	216	480	24	1,083	92.63	9.56	23.00	4.25
624F216N106B4S	900.00	216	480	36	1,083	103.13	9.56	23.00	4.25
624F192N120B4S	912.00	192	480	32	1,097	117.13	9.56	23.00	4.25
624F192N120H4Y	960.00	192	480	32	1,155	117.13	11.06	23.00	4.25
624F234N88H4Y	975.00	234	480	26	1,173	85.63	2.56	23.00	4.25
624F234N95H4Y	975.00	234	480	26	1,173	92.63	9.56	23.00	4.25
624F234N106B4S	975.00	234	480	39	1,173	103.13	9.56	23.00	4.25
624F240N88H4Y	1,000.00	240	480	40	1,203	85.63	2.56	23.00	4.25
624F240N95H4Y	1,000.00	240	480	40	1,203	92.63	9.56	23.00	4.25
624F240N106B4S	1,000.00	240	480	40	1,203	103.13	9.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

624F216N120B4S	1,026.00	216	480	36	1,234	117.13	9.56	23.00	4.25
624F216N120H4Y	1,080.00	216	480	36	1,299	117.13	11.06	23.00	4.25
624F234N120B4S	1,112.00	234	480	39	1,338	117.13	9.56	23.00	4.25
624F192N140H4Y	1,120.00	192	480	32	1,347	137.13	13.56	23.00	4.25
624F240N120B4S	1,140.00	240	480	40	1,371	117.13	9.56	23.00	4.25
624F234N120H4Y	1,170.00	234	480	39	1,407	117.13	11.06	23.00	4.25
624F240N120H4Y	1,200.00	240	480	40	1,443	117.13	11.06	23.00	4.25
624F216N140H4Y	1,260.00	216	480	36	1,516	137.13	13.56	23.00	4.25
624F192N160H4Y	1,280.00	192	480	32	1,540	157.13	13.56	23.00	4.25
624F234N140H4Y	1,365.00	234	480	39	1,642	137.13	13.56	23.00	4.25
624F240N140H4Y	1,400.00	240	480	40	1,684	137.13	13.56	23.00	4.25
624F216N160H4Y	1,440.00	216	480	36	1,732	157.13	13.56	23.00	4.25
624F234N160H4Y	1,560.00	234	480	39	1,876	157.13	13.56	23.00	4.25
624F240N160H4Y	1,600.00	240	480	40	1,925	157.13	13.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

12 Watts/Sq. Inch

3 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
63F3N111F4Y	10.00	3	480	1	12	110.88	16.31	2.90	1.50

4 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
64F6N10H4S	1.50	6	480	1	2	9.63	3.06	3.83	1.75
64F6N18H4S	3.00	6	480	1	4	17.13	3.06	3.83	1.75
64F6N18H2S	3.00	6	240	1	7	17.13	3.06	3.83	1.75
64F6N20H4S	3.75	6	480	1	5	19.13	3.06	3.83	1.75
64F6N20H2S	3.75	6	240	1	9	19.13	3.06	3.83	1.75
64F6N25H2S	4.50	6	240	1	11	24.63	3.06	3.83	1.75
64F6N25H4S	4.50	6	480	1	5	24.63	3.06	3.83	1.75
64F6N33H4S	6.00	6	480	1	7	32.13	3.06	3.83	1.75
64F6N33H2S	6.00	6	240	1	14	32.13	3.06	3.83	1.75
64F6N40H4S	7.50	6	480	1	9	39.63	3.06	3.83	1.75
64F6N40H2S	7.50	6	240	1	18	39.63	3.06	3.83	1.75
64F6N48H4S	9.00	6	480	1	11	47.13	3.06	3.83	1.75
64F6N52H4S	9.00	6	480	1	11	51.13	5.06	3.83	1.75
64F6N61H4S	12.50	6	480	1	15	60.63	5.06	3.83	1.75
64F6N68H4S	12.50	6	480	1	15	67.63	12.06	3.83	1.75
64F6N80H4S	16.50	6	480	1	20	78.13	10.06	3.83	1.75
64F6N88H4S	18.75	6	480	1	23	88.13	5.06	3.83	1.75
64F6N95H4S	18.75	6	480	1	23	95.13	12.06	3.83	1.75
64F6N111F4Y	20.00	6	480	1	24	110.63	16.06	3.83	1.75
64F6N120H4S	22.50	6	480	1	27	119.63	13.56	3.83	1.75
64F6N140H4S	26.25	6	480	1	32	139.63	16.06	3.83	1.75
64F6N160H4S	30.00	6	480	1	36	159.63	16.06	3.83	1.75

6 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
66F12N10H4S	3.00	12	480	1	4	9.25	2.69	5.76	2.13
66F12N18H4S	6.00	12	480	1	7	16.75	2.69	5.76	2.13
66F12N18H2S	6.00	12	240	1	14	16.75	2.69	5.76	2.13
66F12N20H4S	7.50	12	480	1	9	18.75	2.69	5.76	2.13
66F12N20H2S	7.50	12	240	1	18	18.75	2.69	5.76	2.13
66F12N25H4S	9.00	12	480	1	11	24.25	2.69	5.76	2.13
66F12N25H2S	9.00	12	240	1	22	24.25	2.69	5.76	2.13
66F12N33H4S	12.00	12	480	1	14	31.75	2.69	5.76	2.13
66F12N33H2S	12.00	12	240	1	29	31.75	2.69	5.76	2.13
66F12N40H4S	15.00	12	480	1	18	39.25	2.69	5.76	2.13
66F12N40H2S	15.00	12	240	1	36	39.25	2.69	5.76	2.13
66F12N48H4S	18.00	12	480	1	22	46.75	2.69	5.76	2.13
66F12N52H4S	18.00	12	480	1	22	50.75	4.69	5.76	2.13
66F12N61H4S	25.00	12	480	1	30	60.25	4.69	5.76	2.13
66F12N68H4S	25.00	12	480	1	30	67.25	11.69	5.76	2.13
66F12N80H4S	33.25	12	480	1	40	77.75	9.69	5.76	2.13
66F12N88H4S	37.50	12	480	1	45	87.75	4.69	5.76	2.13
66F12N95H4S	37.50	12	480	1	45	94.75	11.69	5.76	2.13
66F12N111F4Y	40.00	12	480	2	48	110.25	15.69	5.76	2.13
66F12N120H4S	45.00	12	480	2	54	119.25	13.19	5.76	2.13
66F12N140H4S	52.50	12	480	2	63	139.25	15.69	5.76	2.13

600# Flanged Immersion Heaters - Type IF

66F12N160H4S	60.00	12	480	2	72	159.25	15.69	5.76	2.13
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8 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
68F18N10H4S	4.50	18	480	1	5	8.94	2.38	7.63	2.44
68F24N10H4S	6.00	24	480	1	7	8.94	2.38	7.63	2.44
68F18N18H4S	9.00	18	480	1	11	16.44	2.38	7.63	2.44
68F18N20H4S	11.25	18	480	1	14	18.44	2.38	7.63	2.44
68F24N18H4S	12.00	24	480	1	14	16.44	2.38	7.63	2.44
68F18N25H4S	13.50	18	480	1	16	23.94	2.38	7.63	2.44
68F24N20H4S	15.00	24	480	1	18	18.44	2.38	7.63	2.44
68F24N25H4S	18.00	24	480	1	22	23.94	2.38	7.63	2.44
68F18N33H4S	18.00	18	480	1	22	31.44	2.38	7.63	2.44
68F18N40H4S	22.50	18	480	1	27	38.94	2.38	7.63	2.44
68F24N33H4S	24.00	24	480	1	29	31.44	2.38	7.63	2.44
68F18N48H4S	27.00	18	480	1	32	46.44	2.38	7.63	2.44
68F18N52H4S	27.00	18	480	1	32	50.44	4.38	7.63	2.44
68F24N40H4S	30.00	24	480	1	36	38.94	2.38	7.63	2.44
68F24N48H4S	36.00	24	480	1	43	46.44	2.38	7.63	2.44
68F24N52H4S	36.00	24	480	1	43	50.44	4.38	7.63	2.44
68F18N61H4S	37.50	18	480	1	45	59.94	4.38	7.63	2.44
68F18N68H4S	37.50	18	480	1	45	66.94	11.38	7.63	2.44
68F24N61H4S	50.00	24	480	2	60	59.94	4.38	7.63	2.44
68F24N68H4S	50.00	24	480	2	60	66.94	11.38	7.63	2.44
68F24N80H4S	66.50	24	480	2	80	77.44	9.38	7.63	2.44
68F18N120H4S	67.50	18	480	3	81	118.94	12.88	7.63	2.44
68F24N88H4S	75.00	24	480	2	90	87.44	4.38	7.63	2.44
68F24N95H4S	75.00	24	480	2	90	94.44	11.38	7.63	2.44
68F18N140H4S	78.75	18	480	3	95	138.94	15.38	7.63	2.44
68F24N120H4S	90.00	24	480	4	108	118.94	12.88	7.63	2.44
68F18N160H4S	90.00	18	480	3	108	158.94	15.38	7.63	2.44
68F24N140H4S	105.00	24	480	4	126	138.94	15.38	7.63	2.44
68F24N160H4S	120.00	24	480	4	144	158.94	15.38	7.63	2.44

10 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
610F30N10H4S	7.50	30	480	1	9	8.63	2.06	9.75	2.75
610F36N10H4S	9.00	36	480	1	11	8.63	2.06	9.75	2.75
610F30N18H4S	15.00	30	480	1	18	16.13	2.06	9.75	2.75
610F36N18H4S	18.00	36	480	1	22	16.13	2.06	9.75	2.75
610F30N20H4S	18.75	30	480	1	23	18.13	2.06	9.75	2.75
610F36N20H4S	22.50	36	480	1	27	18.13	2.06	9.75	2.75
610F30N25H4S	22.50	30	480	1	27	23.63	2.06	9.75	2.75
610F36N25H4S	27.00	36	480	1	32	23.63	2.06	9.75	2.75
610F30N33H4S	30.00	30	480	1	36	31.13	2.06	9.75	2.75
610F36N33H4S	36.00	36	480	1	43	31.13	2.06	9.75	2.75
610F30N40H4S	37.50	30	480	1	45	38.63	2.06	9.75	2.75
610F36N40H4S	45.00	36	480	2	54	38.63	2.06	9.75	2.75
610F36N48H4S	54.00	36	480	2	65	46.13	2.06	9.75	2.75
610F36N52H4S	54.00	36	480	2	65	50.13	4.06	9.75	2.75
610F36N61H4S	75.00	36	480	2	90	59.63	4.06	9.75	2.75
610F36N68H4S	75.00	36	480	2	90	66.63	11.06	9.75	2.75
610F36N80H4S	99.75	36	480	3	120	77.13	9.06	9.75	2.75
610F36N88H4S	112.50	36	480	3	135	87.13	4.06	9.75	2.75

600# Flanged Immersion Heaters - Type IF

610F36N95H4S	112.50	36	480	3	135	94.13	11.06	9.75	2.75
610F30N120H4S	112.50	30	480	5	135	118.63	12.56	9.75	2.75
610F30N140H4S	131.00	30	480	5	158	138.63	15.06	9.75	2.75
610F36N120H4S	135.00	36	480	6	162	118.63	12.56	9.75	2.75
610F30N160H4S	150.00	30	480	5	180	158.63	15.06	9.75	2.75
610F36N140H4S	157.50	36	480	6	189	138.63	15.06	9.75	2.75
610F36N160H4S	180.00	36	480	6	217	158.63	15.06	9.75	2.75

12 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
612F48N40H4S	60.00	48	480	2	72	38.50	1.94	11.75	2.88
612F48N48H4S	72.00	48	480	2	87	46.00	1.94	11.75	2.88
612F48N52H4S	72.00	48	480	2	87	50.00	3.94	11.75	2.88
612F48N61H4S	100.00	48	480	4	120	59.50	3.94	11.75	2.88
612F48N68H4S	100.00	48	480	4	120	66.50	10.94	11.75	2.88
612F48N80H4S	133.00	48	480	4	160	77.00	8.94	11.75	2.88
612F48N88H4S	150.00	48	480	4	180	87.00	3.94	11.75	2.88
612F48N95H4S	150.00	48	480	4	180	94.00	10.94	11.75	2.88
612F48N120H4S	180.00	48	480	8	217	118.50	12.44	11.75	2.88
612F54N120H4S	202.50	54	480	9	244	118.50	12.44	11.75	2.88
612F48N140H4S	210.00	48	480	8	253	138.50	14.94	11.75	2.88
612F54N140H4S	236.00	54	480	9	284	138.50	14.94	11.75	2.88
612F48N160H4S	240.00	48	480	8	289	158.50	14.94	11.75	2.88
612F54N160H4S	270.00	54	480	9	325	158.50	14.94	11.75	2.88

14 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
614F60N80H4S	166.50	60	480	5	200	76.88	8.81	13.00	3.00
614F60N88H4S	187.50	60	480	5	226	86.88	3.81	13.00	3.00
614F60N95H4S	187.50	60	480	5	226	93.88	10.81	13.00	3.00
614F72N80H4S	199.50	72	480	6	240	76.88	8.81	13.00	3.00
614F54N120H4S	202.50	54	480	9	244	118.38	12.31	13.00	3.00
614F72N88H4S	225.00	72	480	6	271	86.88	3.81	13.00	3.00
614F72N95H4S	225.00	72	480	6	271	93.88	10.81	13.00	3.00
614F60N120H4S	225.00	60	480	10	271	118.38	12.31	13.00	3.00
614F54N140H4S	236.00	54	480	9	284	138.38	14.81	13.00	3.00
614F60N140H4S	262.50	60	480	10	316	138.38	14.81	13.00	3.00
614F72N120H4S	270.00	72	480	12	325	118.38	12.31	13.00	3.00
614F54N160H4S	270.00	54	480	9	325	158.38	14.81	13.00	3.00
614F60N160H4S	300.00	60	480	10	361	158.38	14.81	13.00	3.00
614F72N140H4S	315.00	72	480	12	379	138.38	14.81	13.00	3.00
614F72N160H4S	360.00	72	480	12	433	158.38	14.81	13.00	3.00

16 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
616F84N80H4S	233.00	84	480	7	280	76.63	8.56	15.00	3.25
616F90N80H4S	249.50	90	480	15	300	76.63	8.56	15.00	3.25
616F84N88H4S	262.50	84	480	7	316	86.63	3.56	15.00	3.25
616F84N95H4S	262.50	84	480	7	316	93.63	10.56	15.00	3.25
616F96N80H4S	266.00	96	480	8	320	76.63	8.56	15.00	3.25
616F90N88H4S	281.00	90	480	15	338	86.63	3.56	15.00	3.25
616F90N95H4S	281.00	90	480	15	338	93.63	10.56	15.00	3.25
616F96N88H4S	300.00	96	480	8	361	86.63	3.56	15.00	3.25
616F96N95H4S	300.00	96	480	8	361	93.63	10.56	15.00	3.25

600# Flanged Immersion Heaters - Type IF

616F84N120H4S	315.00	84	480	14	379	118.13	12.06	15.00	3.25
616F90N120H4S	337.50	90	480	15	406	118.13	12.06	15.00	3.25
616F96N120H4S	360.00	96	480	16	433	118.13	12.06	15.00	3.25
616F84N140H4S	367.50	84	480	14	442	138.13	14.56	15.00	3.25
616F90N140H4S	393.50	90	480	15	473	138.13	14.56	15.00	3.25
616F96N140H4S	420.00	96	480	16	505	138.13	14.56	15.00	3.25
616F84N160H4S	420.00	84	480	14	505	158.13	14.56	15.00	3.25
616F90N160H4S	450.00	90	480	15	541	158.13	14.56	15.00	3.25
616F96N160H4S	480.00	96	480	16	577	158.13	14.56	15.00	3.25

18 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
618F108N88H4S	337.50	108	480	9	406	86.38	3.31	17.00	3.50
618F108N95H4S	337.50	108	480	9	406	93.38	10.31	17.00	3.50
618F108N120H4S	405.00	108	480	18	487	117.88	11.81	17.00	3.50
618F108N140H4S	472.50	108	480	18	568	137.88	14.31	17.00	3.50
618F108N160H4S	540.00	108	480	18	650	157.88	14.31	17.00	3.50

20 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
620F120N88H4S	375.00	120	480	10	451	86.13	3.06	19.00	3.75
620F120N95H4S	375.00	120	480	10	451	93.13	10.06	19.00	3.75
620F132N88H4S	412.50	132	480	11	496	86.13	3.06	19.00	3.75
620F132N95H4S	412.50	132	480	11	496	93.13	10.06	19.00	3.75
620F144N88H4S	450.00	144	480	12	541	86.13	3.06	19.00	3.75
620F144N95H4S	450.00	144	480	12	541	93.13	10.06	19.00	3.75
620F120N120H4S	450.00	120	480	20	541	117.63	11.56	19.00	3.75
620F126N120H4S	472.50	126	480	21	568	117.63	11.56	19.00	3.75
620F132N120H4S	495.00	132	480	22	595	117.63	11.56	19.00	3.75
620F120N140H4S	525.00	120	480	20	631	137.63	14.06	19.00	3.75
620F144N120H4S	540.00	144	480	24	650	117.63	11.56	19.00	3.75
620F126N140H4S	551.00	126	480	21	663	137.63	14.06	19.00	3.75
620F180N88H4S	563.00	180	480	15	677	86.13	3.06	19.00	3.75
620F180N95H4S	563.00	180	480	15	677	93.13	10.06	19.00	3.75
620F132N140H4S	578.00	132	480	22	695	137.63	14.06	19.00	3.75
620F120N160H4S	600.00	120	480	20	722	157.63	14.06	19.00	3.75
620F162N120H4S	608.00	162	480	27	731	117.63	11.56	19.00	3.75
620F144N140H4S	630.00	144	480	24	758	137.63	14.06	19.00	3.75
620F126N160H4S	630.00	126	480	21	758	157.63	14.06	19.00	3.75
620F132N160H4S	660.00	132	480	22	794	157.63	14.06	19.00	3.75
620F180N120H4S	675.00	180	480	20	812	117.63	11.56	19.00	3.75
620F162N140H4S	709.00	162	480	27	853	137.63	14.06	19.00	3.75
620F144N160H4S	720.00	144	480	24	866	157.63	14.06	19.00	3.75
620F180N140H4S	788.00	180	480	20	948	137.63	14.06	19.00	3.75
620F162N160H4S	810.00	162	480	27	974	157.63	14.06	19.00	3.75
620F180N160H4S	900.00	180	480	30	1,083	157.63	14.06	19.00	3.75

24 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
624F192N88H4S	600.00	192	480	16	722	85.63	2.56	23.00	4.25
624F192N95H4S	600.00	192	480	16	722	92.63	9.56	23.00	4.25
624F216N88H4S	675.00	216	480	18	812	85.63	2.56	23.00	4.25
624F216N95H4S	675.00	216	480	18	812	92.63	9.56	23.00	4.25
624F192N120H4S	720.00	192	480	32	866	117.13	11.06	23.00	4.25

600# Flanged Immersion Heaters - Type IF

624F240N88H4S	750.00	240	480	20	902	85.63	2.56	23.00	4.25
624F240N95H4S	750.00	240	480	20	902	92.63	9.56	23.00	4.25
624F216N120H4S	810.00	216	480	36	974	117.13	11.06	23.00	4.25
624F192N140H4S	840.00	192	480	32	1,010	137.13	13.56	23.00	4.25
624F234N120H4S	878.00	234	480	39	1,056	117.13	11.06	23.00	4.25
624F240N120H4S	900.00	240	480	40	1,083	117.13	11.06	23.00	4.25
624F216N140H4S	945.00	216	480	36	1,137	137.13	13.56	23.00	4.25
624F192N160H4S	960.00	192	480	32	1,155	157.13	13.56	23.00	4.25
624F234N140H4S	1,024.00	234	480	39	1,232	137.13	13.56	23.00	4.25
624F240N140H4S	1,050.00	240	480	40	1,263	137.13	13.56	23.00	4.25
624F216N160H4S	1,080.00	216	480	36	1,299	157.13	13.56	23.00	4.25
624F234N160H4S	1,170.00	234	480	39	1,407	157.13	13.56	23.00	4.25
624F240N160H4S	1,200.00	240	480	40	1,443	157.13	13.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

10 Watts/Sq. Inch

3 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
63F3N44G4Y	3.00	3	480	1	4	43.88	10.31	2.90	1.50
63F3N56G4Y	4.00	3	480	1	5	55.88	10.31	2.90	1.50
63F3N67G4Y	5.00	3	480	1	6	66.88	10.31	2.90	1.50
63F3N80G4Y	6.00	3	480	1	7	79.88	12.31	2.90	1.50
63F3N100G4Y	7.50	3	480	1	9	99.88	12.31	2.90	1.50
63F3N120G4Y	9.50	3	480	1	11	119.88	12.31	2.90	1.50
63F3N140G4Y	11.00	3	480	1	13	139.88	16.31	2.90	1.50
63F3N160G4Y	13.00	3	480	1	16	159.88	16.31	2.90	1.50

4 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
64F6N44G4Y	6.00	6	480	1	7	43.63	10.06	3.83	1.75
64F6N56G4Y	8.00	6	480	1	10	55.63	10.06	3.83	1.75
64F6N67G4Y	10.00	6	480	1	12	66.63	10.06	3.83	1.75
64F6N80G4Y	12.00	6	480	1	14	79.63	12.06	3.83	1.75
64F6N100G4Y	15.00	6	480	1	18	99.63	12.06	3.83	1.75
64F6N120G4Y	19.00	6	480	1	23	119.63	12.06	3.83	1.75
64F6N140G4Y	22.00	6	480	1	26	139.63	16.06	3.83	1.75
64F6N160G4Y	26.00	6	480	1	31	159.63	16.06	3.83	1.75

5 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
65F9N44G4Y	9.00	9	480	1	11	43.38	9.81	4.81	2.00
65F9N56G4Y	12.00	9	480	1	14	55.38	9.81	4.81	2.00
65F9N67G4Y	15.00	9	480	1	18	66.38	9.81	4.81	2.00
65F9N80G4Y	18.00	9	480	1	22	79.38	11.81	4.81	2.00
65F9N100G4Y	22.50	9	480	1	27	99.38	11.81	4.81	2.00
65F9N120G4Y	28.50	9	480	1	34	119.38	11.81	4.81	2.00
65F9N140G4Y	33.00	9	480	1	40	139.38	15.81	4.81	2.00
65F9N160G4Y	39.00	9	480	1	47	159.38	15.81	4.81	2.00

6 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
66F12N44G4Y	12.00	12	480	1	14	43.25	9.69	5.76	2.13
66F15N44G4Y	15.00	15	480	1	18	43.25	9.69	5.76	2.13
66F12N56G4Y	16.00	12	480	1	19	55.25	9.69	5.76	2.13
66F15N56G4Y	20.00	15	480	1	24	55.25	9.69	5.76	2.13
66F12N67G4Y	20.00	12	480	1	24	66.25	9.69	5.76	2.13
66F12N80G4Y	24.00	12	480	1	29	79.25	11.69	5.76	2.13
66F15N67G4Y	25.00	15	480	1	30	66.25	9.69	5.76	2.13
66F15N80G4Y	30.00	15	480	1	36	79.25	11.69	5.76	2.13
66F12N100G4Y	30.00	12	480	1	36	99.25	11.69	5.76	2.13
66F15N100G4Y	37.50	15	480	1	45	99.25	11.69	5.76	2.13
66F12N120G4Y	38.00	12	480	1	46	119.25	11.69	5.76	2.13
66F12N140G4Y	44.00	12	480	2	53	139.25	15.69	5.76	2.13
66F12N160G4Y	52.00	12	480	2	63	159.25	15.69	5.76	2.13

8 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
68F18N44G4Y	18.00	18	480	1	22	42.94	9.38	7.63	2.44

600# Flanged Immersion Heaters - Type IF

68F24N44G4Y	24.00	24	480	1	29	42.94	9.38	7.63	2.44
68F18N56G4Y	24.00	18	480	1	29	54.94	9.38	7.63	2.44
68F18N67G4Y	30.00	18	480	1	36	65.94	9.38	7.63	2.44
68F24N56G4Y	32.00	24	480	1	38	54.94	9.38	7.63	2.44
68F18N80G4Y	36.00	18	480	1	43	78.94	11.38	7.63	2.44
68F24N67G4Y	40.00	24	480	1	48	65.94	9.38	7.63	2.44
68F18N100G4Y	45.00	18	480	2	54	98.94	11.38	7.63	2.44
68F24N80G4Y	48.00	24	480	2	58	78.94	11.38	7.63	2.44
68F18N120G4Y	57.00	18	480	2	69	118.94	11.38	7.63	2.44
68F24N100G4Y	60.00	24	480	2	72	98.94	11.38	7.63	2.44
68F18N140G4Y	66.00	18	480	2	79	138.94	15.38	7.63	2.44
68F24N120G4Y	76.00	24	480	2	91	118.94	11.38	7.63	2.44
68F18N160G4Y	78.00	18	480	2	94	158.94	15.38	7.63	2.44
68F24N140G4Y	88.00	24	480	4	106	138.94	15.38	7.63	2.44
68F24N160G4Y	104.00	24	480	4	125	158.94	15.38	7.63	2.44

10 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
610F30N44G4Y	30.00	30	480	1	36	42.63	9.06	9.75	2.75
610F36N44G4Y	36.00	36	480	1	43	42.63	9.06	9.75	2.75
610F30N56G4Y	40.00	30	480	1	48	54.63	9.06	9.75	2.75
610F36N56G4Y	48.00	36	480	2	58	54.63	9.06	9.75	2.75
610F30N67G4Y	50.00	30	480	2	60	65.63	9.06	9.75	2.75
610F36N67G4Y	60.00	36	480	2	72	65.63	9.06	9.75	2.75
610F30N80G4Y	60.00	30	480	2	72	78.63	11.06	9.75	2.75
610F36N80G4Y	72.00	36	480	2	87	78.63	11.06	9.75	2.75
610F30N100G4Y	75.00	30	480	2	90	98.63	11.06	9.75	2.75
610F36N100G4Y	90.00	36	480	3	108	98.63	11.06	9.75	2.75
610F30N140G4Y	110.00	30	480	5	132	138.63	15.06	9.75	2.75
610F36N120G4Y	114.00	36	480	3	137	118.63	11.06	9.75	2.75
610F30N160G4Y	130.00	30	480	5	156	158.63	15.06	9.75	2.75
610F36N140G4Y	132.00	36	480	4	159	138.63	15.06	9.75	2.75
610F36N160G4Y	156.00	36	480	4	188	158.63	15.06	9.75	2.75

12 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
612F48N44G4Y	48.00	48	480	2	58	42.50	8.94	11.75	2.88
612F48N56G4Y	64.00	48	480	2	77	54.50	8.94	11.75	2.88
612F48N67G4Y	80.00	48	480	2	96	65.50	8.94	11.75	2.88
612F48N80G4Y	96.00	48	480	4	115	78.50	10.94	11.75	2.88
612F54N80G4Y	108.00	54	480	3	130	78.50	10.94	11.75	2.88
612F48N100G4Y	120.00	48	480	4	144	98.50	10.94	11.75	2.88
612F54N100G4Y	135.00	54	480	6	162	98.50	10.94	11.75	2.88
612F48N120G4Y	152.00	48	480	4	183	118.50	10.94	11.75	2.88
612F54N120G4Y	171.00	54	480	6	206	118.50	10.94	11.75	2.88
612F48N140G4Y	176.00	48	480	8	212	138.50	14.94	11.75	2.88
612F54N140G4Y	198.00	54	480	6	238	138.50	14.94	11.75	2.88
612F48N160G4Y	208.00	48	480	8	250	158.50	14.94	11.75	2.88
612F54N160G4Y	234.00	54	480	6	281	158.50	14.94	11.75	2.88

14 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
614F54N80G4Y	108.00	54	480	3	130	78.38	10.81	13.00	3.00
614F60N80G4Y	120.00	60	480	4	144	78.38	10.81	13.00	3.00

600# Flanged Immersion Heaters - Type IF

614F54N100G4Y	135.00	54	480	6	162	98.38	10.81	13.00	3.00
614F72N80G4Y	144.00	72	480	4	173	78.38	10.81	13.00	3.00
614F60N100G4Y	150.00	60	480	4	180	98.38	10.81	13.00	3.00
614F54N120G4Y	171.00	54	480	6	206	118.38	10.81	13.00	3.00
614F72N100G4Y	180.00	72	480	6	217	98.38	10.81	13.00	3.00
614F60N120G4Y	190.00	60	480	5	229	118.38	10.81	13.00	3.00
614F54N140G4Y	198.00	54	480	6	238	138.38	14.81	13.00	3.00
614F60N140G4Y	220.00	60	480	10	265	138.38	14.81	13.00	3.00
614F72N120G4Y	228.00	72	480	6	274	118.38	10.81	13.00	3.00
614F54N160G4Y	234.00	54	480	6	281	158.38	14.81	13.00	3.00
614F60N160G4Y	260.00	60	480	10	313	158.38	14.81	13.00	3.00
614F72N140G4Y	264.00	72	480	8	318	138.38	14.81	13.00	3.00
614F72N160G4Y	312.00	72	480	8	375	158.38	14.81	13.00	3.00

16 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
616F84N80G4Y	168.00	84	480	7	202	78.13	10.56	15.00	3.25
616F90N80G4Y	180.00	90	480	5	217	78.13	10.56	15.00	3.25
616F96N80G4Y	192.00	96	480	8	231	78.13	10.56	15.00	3.25
616F84N100G4Y	210.00	84	480	7	253	98.13	10.56	15.00	3.25
616F90N100G4Y	225.00	90	480	10	271	98.13	10.56	15.00	3.25
616F96N100G4Y	240.00	96	480	8	289	98.13	10.56	15.00	3.25
616F84N120G4Y	266.00	84	480	7	320	118.13	10.56	15.00	3.25
616F90N120G4Y	285.00	90	480	10	343	118.13	10.56	15.00	3.25
616F96N120G4Y	304.00	96	480	8	366	118.13	10.56	15.00	3.25
616F84N140G4Y	308.00	84	480	14	370	138.13	14.56	15.00	3.25
616F90N140G4Y	330.00	90	480	10	397	138.13	14.56	15.00	3.25
616F96N140G4Y	352.00	96	480	16	423	138.13	14.56	15.00	3.25
616F84N160G4Y	364.00	84	480	14	438	158.13	14.56	15.00	3.25
616F90N160G4Y	390.00	90	480	10	469	158.13	14.56	15.00	3.25
616F96N160G4Y	416.00	96	480	16	500	158.13	14.56	15.00	3.25

18 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
618F108N100G4Y	270.00	108	480	9	325	97.88	10.31	17.00	3.50
618F108N120G4Y	342.00	108	480	9	411	117.88	10.31	17.00	3.50
618F108N140G4Y	396.00	108	480	12	476	137.88	14.31	17.00	3.50
618F108N160G4Y	468.00	108	480	12	563	157.88	14.31	17.00	3.50

20 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
620F120N100G4Y	300.00	120	480	8	361	97.63	10.06	19.00	3.75
620F126N100G4Y	315.00	126	480	14	379	97.63	10.06	19.00	3.75
620F132N100G4Y	330.00	132	480	11	397	97.63	10.06	19.00	3.75
620F144N100G4Y	360.00	144	480	12	433	97.63	10.06	19.00	3.75
620F120N120G4Y	380.00	120	480	10	457	117.63	10.06	19.00	3.75
620F126N120G4Y	399.00	126	480	14	480	117.63	10.06	19.00	3.75
620F162N100G4Y	405.00	162	480	18	487	97.63	10.06	19.00	3.75
620F132N120G4Y	418.00	132	480	11	503	117.63	10.06	19.00	3.75
620F120N140G4Y	440.00	120	480	20	529	137.63	14.06	19.00	3.75
620F180N100G4Y	450.00	180	480	12	541	97.63	10.06	19.00	3.75
620F144N120G4Y	456.00	144	480	12	548	117.63	10.06	19.00	3.75
620F126N140G4Y	462.00	126	480	14	556	137.63	14.06	19.00	3.75
620F132N140G4Y	484.00	132	480	22	582	137.63	14.06	19.00	3.75

600# Flanged Immersion Heaters - Type IF

620F162N120G4Y	513.00	162	480	18	617	117.63	10.06	19.00	3.75
620F120N160G4Y	520.00	120	480	20	625	157.63	14.06	19.00	3.75
620F144N140G4Y	528.00	144	480	24	635	137.63	14.06	19.00	3.75
620F126N160G4Y	546.00	126	480	14	657	157.63	14.06	19.00	3.75
620F180N120G4Y	570.00	180	480	15	686	117.63	10.06	19.00	3.75
620F132N160G4Y	572.00	132	480	22	688	157.63	14.06	19.00	3.75
620F162N140G4Y	594.00	162	480	18	714	137.63	14.06	19.00	3.75
620F144N160G4Y	624.00	144	480	24	751	157.63	14.06	19.00	3.75
620F180N140G4Y	660.00	180	480	20	794	137.63	14.06	19.00	3.75
620F162N160G4Y	702.00	162	480	18	844	157.63	14.06	19.00	3.75
620F180N160G4Y	780.00	180	480	20	938	157.63	14.06	19.00	3.75

24 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
624F192N100G4Y	480.00	192	480	16	577	97.13	9.56	23.00	4.25
624F216N100G4Y	540.00	216	480	18	650	97.13	9.56	23.00	4.25
624F234N100G4Y	585.00	234	480	26	704	97.13	9.56	23.00	4.25
624F240N100G4Y	600.00	240	480	16	722	97.13	9.56	23.00	4.25
624F192N120G4Y	608.00	192	480	16	731	117.13	9.56	23.00	4.25
624F216N120G4Y	684.00	216	480	18	823	117.13	9.56	23.00	4.25
624F192N140G4Y	704.00	192	480	32	847	137.13	13.56	23.00	4.25
624F234N120G4Y	741.00	234	480	26	891	117.13	9.56	23.00	4.25
624F240N120G4Y	760.00	240	480	20	914	117.13	9.56	23.00	4.25
624F216N140G4Y	792.00	216	480	24	953	137.13	13.56	23.00	4.25
624F192N160G4Y	832.00	192	480	32	1,001	157.13	13.56	23.00	4.25
624F234N140G4Y	858.00	234	480	26	1,032	137.13	13.56	23.00	4.25
624F240N140G4Y	880.00	240	480	40	1,059	137.13	13.56	23.00	4.25
624F216N160G4Y	936.00	216	480	24	1,126	157.13	13.56	23.00	4.25
624F234N160G4Y	1,014.00	234	480	26	1,220	157.13	13.56	23.00	4.25
624F240N160G4Y	1,040.00	240	480	40	1,251	157.13	13.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

9 Watts/Sq. Inch

4 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
64F6N111F4S	15.00	6	480	1	18	110.63	16.06	3.83	1.75

6 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
66F12N111F4S	30.00	12	480	2	36	110.25	15.69	5.76	2.13

600# Flanged Immersion Heaters - Type IF

8 Watts/Sq. Inch

3 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
63F3N10M2Y	0.50	3	240	1	1	9.88	3.31	2.90	1.50
63F3N13M4Y	0.75	3	480	1	1	12.88	3.31	2.90	1.50
63F3N18M2Y	1.00	3	240	1	2	17.38	3.31	2.90	1.50
63F3N18M4Y	1.00	3	480	1	1	17.38	3.31	2.90	1.50
63F3N20M2Y	1.25	3	240	1	3	19.38	3.31	2.90	1.50
63F3N20M4Y	1.25	3	480	1	2	19.88	3.31	2.90	1.50
63F3N25M4Y	1.50	3	480	1	2	24.88	3.31	2.90	1.50
63F3N25M2Y	1.50	3	240	1	4	24.88	3.31	2.90	1.50
63F3N33M4Y	2.00	3	480	1	2	32.38	3.31	2.90	1.50
63F3N40M4Y	2.50	3	480	1	3	39.88	3.31	2.90	1.50
63F3N40M2Y	2.50	3	240	1	6	39.88	3.31	2.90	1.50
63F3N48M4Y	3.00	3	480	1	4	47.38	3.31	2.90	1.50
63F3N52M4Y	3.25	3	480	1	4	51.38	5.31	2.90	1.50
63F3N52M2Y	3.25	3	240	1	8	51.38	5.31	2.90	1.50
63F3N59M4Y	3.25	3	480	1	4	57.38	12.31	2.90	1.50
63F3N64M2Y	4.25	3	240	1	10	63.88	5.31	2.90	1.50
63F3N64M4Y	4.25	3	480	1	5	63.88	5.31	2.90	1.50
63F3N73M4Y	4.25	3	480	1	5	71.38	16.31	2.90	1.50
63F3N77M2Y	5.00	3	240	1	12	76.38	5.31	2.90	1.50
63F3N77M4Y	5.00	3	480	1	6	76.38	5.31	2.90	1.50
63F3N88M4Y	5.50	3	480	1	7	88.38	5.31	2.90	1.50
63F3N95M4Y	5.50	3	480	1	7	93.38	12.31	2.90	1.50
63F3N106M4Y	6.25	3	480	1	8	105.88	12.31	2.90	1.50
63F3N120M4Y	7.75	3	480	1	9	119.88	12.31	2.90	1.50
63F3N140M4Y	8.75	3	480	1	11	139.88	16.31	2.90	1.50
63F3N160M4Y	10.00	3	480	1	12	159.88	16.31	2.90	1.50

4 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
64F6N10M2Y	1.00	6	240	1	2	9.63	3.06	3.83	1.75
64F6N13M4Y	1.50	6	480	1	2	12.63	3.06	3.83	1.75
64F6N18M4Y	2.00	6	480	1	2	17.13	3.06	3.83	1.75
64F6N18M2Y	2.00	6	240	1	5	17.13	3.06	3.83	1.75
64F6N20M2Y	2.50	6	240	1	6	19.13	3.06	3.83	1.75
64F6N20M4Y	2.50	6	480	1	3	19.63	3.06	3.83	1.75
64F6N25M2Y	3.00	6	240	1	7	24.63	3.06	3.83	1.75
64F6N25M4Y	3.00	6	480	1	4	24.63	3.06	3.83	1.75
64F6N33M4Y	4.00	6	480	1	5	32.13	3.06	3.83	1.75
64F6N44G4S	4.50	6	480	1	5	43.63	10.06	3.83	1.75
64F6N40M4Y	5.00	6	480	1	6	39.63	3.06	3.83	1.75
64F6N40M2Y	5.00	6	240	1	12	39.63	3.06	3.83	1.75
64F6N48M4Y	6.00	6	480	1	7	47.13	3.06	3.83	1.75
64F6N56G4S	6.00	6	480	1	7	55.63	10.06	3.83	1.75
64F6N52M4Y	6.63	6	480	1	8	51.13	5.06	3.83	1.75
64F6N52M2Y	6.63	6	240	1	16	51.13	5.06	3.83	1.75
64F6N59M4Y	6.63	6	480	1	8	57.13	12.06	3.83	1.75
64F6N67G4S	7.50	6	480	1	9	66.63	10.06	3.83	1.75
64F6N64M4Y	8.50	6	480	1	10	63.63	5.06	3.83	1.75
64F6N64M2Y	8.50	6	240	1	20	63.63	5.06	3.83	1.75
64F6N73M4Y	8.50	6	480	1	10	71.13	16.06	3.83	1.75

600# Flanged Immersion Heaters - Type IF

64F6N80G4S	9.00	6	480	1	11	79.63	12.06	3.83	1.75
64F6N77M4Y	10.00	6	480	1	12	76.13	5.06	3.83	1.75
64F6N77M2Y	10.00	6	240	1	24	76.13	5.06	3.83	1.75
64F6N88M4Y	11.00	6	480	1	13	88.13	5.06	3.83	1.75
64F6N95M4Y	11.00	6	480	1	13	93.13	12.06	3.83	1.75
64F6N100G4S	11.25	6	480	1	14	99.63	12.06	3.83	1.75
64F6N106M4Y	12.50	6	480	1	15	105.63	12.06	3.83	1.75
64F6N120G4S	14.25	6	480	1	17	119.63	12.06	3.83	1.75
64F6N120M4Y	15.50	6	480	1	19	119.63	12.06	3.83	1.75
64F6N140G4S	16.50	6	480	1	20	139.63	16.06	3.83	1.75
64F6N140M4Y	17.50	6	480	1	21	139.63	16.06	3.83	1.75
64F6N160G4S	19.50	6	480	1	23	159.63	16.06	3.83	1.75
64F6N160M4Y	20.00	6	480	1	24	159.63	16.06	3.83	1.75

5 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
65F9N10M2Y	1.50	9	240	1	4	9.38	2.81	4.81	2.00
65F9N13M4Y	2.25	9	480	1	3	12.38	2.81	4.81	2.00
65F9N18M4Y	3.00	9	480	1	4	16.88	2.81	4.81	2.00
65F9N18M2Y	3.00	9	240	1	7	16.88	2.81	4.81	2.00
65F9N20M2Y	3.75	9	240	1	9	18.88	2.81	4.81	2.00
65F9N20M4Y	3.75	9	480	1	5	19.38	2.81	4.81	2.00
65F9N25M4Y	4.50	9	480	1	5	24.38	2.81	4.81	2.00
65F9N25M2Y	4.50	9	240	1	11	24.38	2.81	4.81	2.00
65F9N33M4Y	6.00	9	480	1	7	31.88	2.81	4.81	2.00
65F9N40M2Y	7.50	9	240	1	18	39.38	2.81	4.81	2.00
65F9N40M4Y	7.50	9	480	1	9	39.38	2.81	4.81	2.00
65F9N48M4Y	9.00	9	480	1	11	46.88	2.81	4.81	2.00
65F9N52M4Y	10.00	9	480	1	12	50.88	4.81	4.81	2.00
65F9N52M2Y	10.00	9	240	1	24	50.88	4.81	4.81	2.00
65F9N59M4Y	10.00	9	480	1	12	56.88	11.81	4.81	2.00
65F9N64M4Y	12.75	9	480	1	15	63.38	4.81	4.81	2.00
65F9N64M2Y	12.75	9	240	1	31	63.38	4.81	4.81	2.00
65F9N73M4Y	12.75	9	480	1	15	70.88	15.81	4.81	2.00
65F9N77M2Y	15.00	9	240	1	36	75.88	4.81	4.81	2.00
65F9N77M4Y	15.00	9	480	1	18	75.88	4.81	4.81	2.00
65F9N88M4Y	16.75	9	480	1	20	87.88	4.81	4.81	2.00
65F9N95M4Y	16.75	9	480	1	20	92.88	11.81	4.81	2.00
65F9N106M4Y	18.75	9	480	1	23	105.38	11.81	4.81	2.00
65F9N120M4Y	23.25	9	480	1	28	119.38	11.81	4.81	2.00
65F9N140M4Y	26.25	9	480	1	32	139.38	15.81	4.81	2.00
65F9N160M4Y	30.00	9	480	1	36	159.38	15.81	4.81	2.00

6 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
66F12N10M2Y	2.00	12	240	1	5	9.25	2.69	5.76	2.13
66F15N10M2Y	2.50	15	240	1	6	9.25	2.69	5.76	2.13
66F12N13M4Y	3.00	12	480	1	4	12.25	2.69	5.76	2.13
66F15N13M4Y	3.75	15	480	1	5	12.25	2.69	5.76	2.13
66F12N18M4Y	4.00	12	480	1	5	16.75	2.69	5.76	2.13
66F12N18M2Y	4.00	12	240	1	10	16.75	2.69	5.76	2.13
66F15N18M4Y	5.00	15	480	1	6	16.75	2.69	5.76	2.13
66F15N18M2Y	5.00	15	240	1	12	16.75	2.69	5.76	2.13
66F12N20M2Y	5.00	12	240	1	12	18.75	2.69	5.76	2.13

600# Flanged Immersion Heaters - Type IF

66F12N20M4Y	5.00	12	480	1	6	19.25	2.69	5.76	2.13
66F12N25M4Y	6.00	12	480	1	7	24.25	2.69	5.76	2.13
66F12N25M2Y	6.00	12	240	1	14	24.25	2.69	5.76	2.13
66F15N20M2Y	6.25	15	240	1	15	18.75	2.69	5.76	2.13
66F15N20M4Y	6.25	15	480	1	8	19.25	2.69	5.76	2.13
66F15N25M2Y	7.50	15	240	1	18	24.25	2.69	5.76	2.13
66F15N25M4Y	7.50	15	480	1	9	24.25	2.69	5.76	2.13
66F12N33M4Y	8.00	12	480	1	10	31.75	2.69	5.76	2.13
66F12N44G4S	9.00	12	480	1	11	43.25	9.69	5.76	2.13
66F15N33M4Y	10.00	15	480	1	12	31.75	2.69	5.76	2.13
66F12N40M4Y	10.00	12	480	1	12	39.25	2.69	5.76	2.13
66F12N40M2Y	10.00	12	240	1	24	39.25	2.69	5.76	2.13
66F12N48M4Y	12.00	12	480	1	14	46.75	2.69	5.76	2.13
66F12N56G4S	12.00	12	480	1	14	55.25	9.69	5.76	2.13
66F15N40M4Y	12.50	15	480	1	15	39.25	2.69	5.76	2.13
66F15N40M2Y	12.50	15	240	1	30	39.25	2.69	5.76	2.13
66F12N52M4Y	13.25	12	480	1	16	50.75	4.69	5.76	2.13
66F12N52M2Y	13.25	12	240	1	32	50.75	4.69	5.76	2.13
66F12N59M4Y	13.25	12	480	1	16	56.75	11.69	5.76	2.13
66F15N48M4Y	15.00	15	480	1	18	46.75	2.69	5.76	2.13
66F12N67G4S	15.00	12	480	1	18	66.25	9.69	5.76	2.13
66F15N52M2Y	16.50	15	240	1	40	50.75	4.69	5.76	2.13
66F15N52M4Y	16.50	15	480	1	20	50.75	4.69	5.76	2.13
66F15N59M4Y	16.50	15	480	1	20	56.75	11.69	5.76	2.13
66F12N64M4Y	17.00	12	480	1	20	63.25	4.69	5.76	2.13
66F12N64M2Y	17.00	12	240	1	41	63.25	4.69	5.76	2.13
66F12N73M4Y	17.00	12	480	1	20	70.75	15.69	5.76	2.13
66F12N80G4S	18.00	12	480	1	22	79.25	11.69	5.76	2.13
66F12N77M4Y	20.00	12	480	1	24	75.75	4.69	5.76	2.13
66F12N77M2Y	20.00	12	240	1	48	75.75	4.69	5.76	2.13
66F15N64M4Y	21.25	15	480	1	26	63.25	4.69	5.76	2.13
66F15N73M4Y	21.25	15	480	1	26	70.75	15.69	5.76	2.13
66F12N88M4Y	22.25	12	480	1	27	87.75	4.69	5.76	2.13
66F12N95M4Y	22.25	12	480	1	27	92.75	11.69	5.76	2.13
66F12N100G4S	22.50	12	480	1	27	99.25	11.69	5.76	2.13
66F15N77M4Y	25.00	15	480	1	30	75.75	4.69	5.76	2.13
66F12N106M4Y	25.00	12	480	1	30	105.25	11.69	5.76	2.13
66F15N88M4Y	28.00	15	480	1	34	87.75	4.69	5.76	2.13
66F15N95M4Y	28.00	15	480	1	34	92.75	11.69	5.76	2.13
66F12N120G4S	28.50	12	480	1	34	119.25	11.69	5.76	2.13
66F12N120M4Y	31.00	12	480	1	37	119.25	11.69	5.76	2.13
66F15N106M4Y	31.50	15	480	1	38	105.25	11.69	5.76	2.13
66F12N140G4S	33.00	12	480	1	40	139.25	15.69	5.76	2.13
66F12N140M4Y	35.00	12	480	1	42	139.25	15.69	5.76	2.13
66F15N120M4Y	39.00	15	480	1	47	119.25	11.69	5.76	2.13
66F12N160G4S	39.00	12	480	1	47	159.25	15.69	5.76	2.13
66F12N160M4Y	40.00	12	480	1	48	159.25	15.69	5.76	2.13

8 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
68F18N13M4Y	4.50	18	480	1	5	11.94	2.38	7.63	2.44
68F24N13M4Y	6.00	24	480	1	7	11.94	2.38	7.63	2.44
68F18N18M4Y	6.00	18	480	1	7	16.44	2.38	7.63	2.44
68F18N20M4Y	7.50	18	480	1	9	18.94	2.38	7.63	2.44

600# Flanged Immersion Heaters - Type IF

68F24N18M4Y	8.00	24	480	1	10	16.44	2.38	7.63	2.44
68F18N25M4Y	9.00	18	480	1	11	23.94	2.38	7.63	2.44
68F24N20M4Y	10.00	24	480	1	12	18.94	2.38	7.63	2.44
68F24N25M4Y	12.00	24	480	1	14	23.94	2.38	7.63	2.44
68F18N33M4Y	12.00	18	480	1	14	31.44	2.38	7.63	2.44
68F18N44G4S	13.50	18	480	1	16	42.94	9.38	7.63	2.44
68F18N40M4Y	15.00	18	480	1	18	38.94	2.38	7.63	2.44
68F24N33M4Y	16.00	24	480	1	19	31.44	2.38	7.63	2.44
68F24N44G4S	18.00	24	480	1	22	42.94	9.38	7.63	2.44
68F18N48M4Y	18.00	18	480	1	22	46.44	2.38	7.63	2.44
68F18N56G4S	18.00	18	480	1	22	54.94	9.38	7.63	2.44
68F24N40M4Y	20.00	24	480	1	24	38.94	2.38	7.63	2.44
68F18N52M4Y	20.00	18	480	1	24	50.44	4.38	7.63	2.44
68F18N59M4Y	20.00	18	480	1	24	56.44	11.38	7.63	2.44
68F18N67G4S	22.50	18	480	1	27	65.94	9.38	7.63	2.44
68F24N48M4Y	24.00	24	480	1	29	46.44	2.38	7.63	2.44
68F24N56G4S	24.00	24	480	1	29	54.94	9.38	7.63	2.44
68F18N64M4Y	25.50	18	480	1	31	62.94	4.38	7.63	2.44
68F18N73M4Y	25.50	18	480	1	31	70.44	15.38	7.63	2.44
68F24N52M4Y	26.50	24	480	1	32	50.44	4.38	7.63	2.44
68F24N59M4Y	26.50	24	480	1	32	56.44	11.38	7.63	2.44
68F18N80G4S	27.00	18	480	1	32	78.94	11.38	7.63	2.44
68F24N67G4S	30.00	24	480	1	36	65.94	9.38	7.63	2.44
68F18N77M4Y	30.00	18	480	1	36	75.44	4.38	7.63	2.44
68F18N88M4Y	33.50	18	480	1	40	87.44	4.38	7.63	2.44
68F18N95M4Y	33.50	18	480	1	40	92.44	11.38	7.63	2.44
68F18N100G4S	33.75	18	480	1	41	98.94	11.38	7.63	2.44
68F24N64M4Y	34.00	24	480	1	41	62.94	4.38	7.63	2.44
68F24N73M4Y	34.00	24	480	1	41	70.44	15.38	7.63	2.44
68F24N80G4S	36.00	24	480	1	43	78.94	11.38	7.63	2.44
68F18N106M4Y	37.75	18	480	1	45	104.94	11.38	7.63	2.44
68F24N77M4Y	40.00	24	480	1	48	75.44	4.38	7.63	2.44
68F24N88M4Y	44.75	24	480	2	54	87.44	4.38	7.63	2.44
68F24N95M4Y	44.75	24	480	2	54	92.44	11.38	7.63	2.44
68F24N100G4S	45.00	24	480	2	54	98.94	11.38	7.63	2.44
68F18N120M4Y	46.75	18	480	2	56	118.94	11.38	7.63	2.44
68F24N106M4Y	50.25	24	480	2	60	104.94	11.38	7.63	2.44
68F18N140M4Y	52.50	18	480	2	63	138.94	15.38	7.63	2.44
68F24N120G4S	57.00	24	480	2	69	118.94	11.38	7.63	2.44
68F18N160M4Y	60.00	18	480	2	72	158.94	15.38	7.63	2.44
68F24N120M4Y	62.25	24	480	2	75	118.94	11.38	7.63	2.44
68F24N140G4S	66.00	24	480	2	79	138.94	15.38	7.63	2.44
68F24N140M4Y	70.00	24	480	2	84	138.94	15.38	7.63	2.44
68F24N160G4S	78.00	24	480	2	94	158.94	15.38	7.63	2.44
68F24N160M4Y	80.00	24	480	2	96	158.94	15.38	7.63	2.44

10 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
610F30N13M4Y	7.50	30	480	1	9	11.63	2.06	9.75	2.75
610F36N13M4Y	9.00	36	480	1	11	11.63	2.06	9.75	2.75
610F30N18M4Y	10.00	30	480	1	12	16.13	2.06	9.75	2.75
610F36N18M4Y	12.00	36	480	1	14	16.13	2.06	9.75	2.75
610F30N20M4Y	12.50	30	480	1	15	18.63	2.06	9.75	2.75
610F36N20M4Y	15.00	36	480	1	18	18.63	2.06	9.75	2.75

600# Flanged Immersion Heaters - Type IF

610F30N25M4Y	15.00	30	480	1	18	23.63	2.06	9.75	2.75
610F36N25M4Y	18.00	36	480	1	22	23.63	2.06	9.75	2.75
610F30N33M4Y	20.00	30	480	1	24	31.13	2.06	9.75	2.75
610F30N44G4S	22.50	30	480	1	27	42.63	9.06	9.75	2.75
610F36N33M4Y	24.00	36	480	1	29	31.13	2.06	9.75	2.75
610F30N40M4Y	25.00	30	480	1	30	38.63	2.06	9.75	2.75
610F36N44G4S	27.00	36	480	1	32	42.63	9.06	9.75	2.75
610F36N40M4Y	30.00	36	480	1	36	38.63	2.06	9.75	2.75
610F30N48M4Y	30.00	30	480	1	36	46.13	2.06	9.75	2.75
610F30N56G4S	30.00	30	480	1	36	54.63	9.06	9.75	2.75
610F30N52M4Y	33.25	30	480	1	40	50.13	4.06	9.75	2.75
610F30N59M4Y	33.25	30	480	1	40	56.13	11.06	9.75	2.75
610F36N48M4Y	36.00	36	480	1	43	46.13	2.06	9.75	2.75
610F36N56G4S	36.00	36	480	1	43	54.63	9.06	9.75	2.75
610F30N67G4S	37.50	30	480	1	45	65.63	9.06	9.75	2.75
610F36N52M4Y	40.00	36	480	1	48	50.13	4.06	9.75	2.75
610F36N59M4Y	40.00	36	480	1	48	56.13	11.06	9.75	2.75
610F30N64M4Y	42.50	30	480	2	51	62.63	4.06	9.75	2.75
610F30N73M4Y	42.50	30	480	2	51	70.13	15.06	9.75	2.75
610F36N67G4S	45.00	36	480	2	54	65.63	9.06	9.75	2.75
610F30N77M4Y	50.00	30	480	2	60	75.13	4.06	9.75	2.75
610F36N64M4Y	51.00	36	480	2	61	62.63	4.06	9.75	2.75
610F36N73M4Y	51.00	36	480	2	61	70.13	15.06	9.75	2.75
610F36N80G4S	54.00	36	480	2	65	78.63	11.06	9.75	2.75
610F30N88M4Y	56.00	30	480	2	67	87.13	4.06	9.75	2.75
610F30N95M4Y	56.00	30	480	2	67	92.13	11.06	9.75	2.75
610F36N77M4Y	60.00	36	480	2	72	75.13	4.06	9.75	2.75
610F30N106M4Y	63.00	30	480	2	76	104.63	11.06	9.75	2.75
610F36N88M4Y	67.00	36	480	2	81	87.13	4.06	9.75	2.75
610F36N95M4Y	67.00	36	480	2	81	92.13	11.06	9.75	2.75
610F36N100G4S	67.50	36	480	2	81	98.63	11.06	9.75	2.75
610F36N106M4Y	75.50	36	480	2	91	104.63	11.06	9.75	2.75
610F30N120M4Y	78.00	30	480	2	94	118.63	11.06	9.75	2.75
610F36N120G4S	85.50	36	480	3	103	118.63	11.06	9.75	2.75
610F36N120M4Y	93.50	36	480	3	112	118.63	11.06	9.75	2.75
610F36N140G4S	99.00	36	480	3	119	138.63	15.06	9.75	2.75
610F30N160M4Y	100.00	30	480	5	120	158.63	15.06	9.75	2.75
610F36N140M4Y	105.00	36	480	3	126	138.63	15.06	9.75	2.75
610F36N160G4S	117.00	36	480	3	141	158.63	15.06	9.75	2.75
610F36N160M4Y	120.00	36	480	3	144	158.63	15.06	9.75	2.75

12 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
612F48N44G4S	36.00	48	480	1	43	42.50	8.94	11.75	2.88
612F48N40M4Y	40.00	48	480	1	48	38.50	1.94	11.75	2.88
612F48N48M4Y	48.00	48	480	2	58	46.00	1.94	11.75	2.88
612F48N56G4S	48.00	48	480	2	58	54.50	8.94	11.75	2.88
612F48N52M4Y	53.25	48	480	2	64	50.00	3.94	11.75	2.88
612F48N59M4Y	53.25	48	480	2	64	56.00	10.94	11.75	2.88
612F48N67G4S	60.00	48	480	2	72	65.50	8.94	11.75	2.88
612F48N64M4Y	68.00	48	480	2	82	62.50	3.94	11.75	2.88
612F48N73M4Y	68.00	48	480	2	82	70.00	14.94	11.75	2.88
612F48N80G4S	72.00	48	480	2	87	78.50	10.94	11.75	2.88
612F48N77M4Y	80.00	48	480	2	96	75.00	3.94	11.75	2.88

600# Flanged Immersion Heaters - Type IF

612F54N80G4S	81.00	54	480	3	97	78.50	10.94	11.75	2.88
612F48N88M4Y	89.50	48	480	4	108	87.00	3.94	11.75	2.88
612F48N95M4Y	89.50	48	480	4	108	92.00	10.94	11.75	2.88
612F48N100G4S	90.00	48	480	4	108	98.50	10.94	11.75	2.88
612F54N88M4Y	100.50	54	480	3	121	87.00	3.94	11.75	2.88
612F54N95M4Y	100.50	54	480	3	121	92.00	10.94	11.75	2.88
612F48N106M4Y	100.50	48	480	4	121	104.50	10.94	11.75	2.88
612F54N100G4S	101.00	54	480	3	121	98.50	10.94	11.75	2.88
612F54N106M4Y	113.00	54	480	3	136	104.50	10.94	11.75	2.88
612F48N120G4S	114.00	48	480	4	137	118.50	10.94	11.75	2.88
612F48N120M4Y	124.50	48	480	4	150	118.50	10.94	11.75	2.88
612F48N140G4S	132.00	48	480	4	159	138.50	14.94	11.75	2.88
612F54N120M4Y	140.00	54	480	6	168	118.50	10.94	11.75	2.88
612F48N140M4Y	140.00	48	480	4	168	138.50	14.94	11.75	2.88
612F48N160G4S	156.00	48	480	4	188	158.50	14.94	11.75	2.88
612F54N140M4Y	157.50	54	480	6	189	138.50	14.94	11.75	2.88
612F48N160M4Y	160.00	48	480	4	192	158.50	14.94	11.75	2.88
612F54N160M4Y	180.00	54	480	6	217	158.50	14.94	11.75	2.88

14 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
614F54N80G4S	81.00	54	480	3	97	78.38	10.81	13.00	3.00
614F54N88M4Y	100.50	54	480	3	121	86.88	3.81	13.00	3.00
614F54N95M4Y	100.50	54	480	3	121	91.88	10.81	13.00	3.00
614F54N100G4S	101.00	54	480	3	121	98.38	10.81	13.00	3.00
614F72N80G4S	108.00	72	480	3	130	78.38	10.81	13.00	3.00
614F60N88M4Y	112.00	60	480	4	135	86.88	3.81	13.00	3.00
614F60N95M4Y	112.00	60	480	4	135	91.88	10.81	13.00	3.00
614F60N100G4S	112.50	60	480	5	135	98.38	10.81	13.00	3.00
614F54N106M4Y	113.00	54	480	3	136	104.38	10.81	13.00	3.00
614F60N106M4Y	126.00	60	480	4	152	104.38	10.81	13.00	3.00
614F72N88M4Y	134.00	72	480	4	161	86.88	3.81	13.00	3.00
614F72N95M4Y	134.00	72	480	4	161	91.88	10.81	13.00	3.00
614F72N100G4S	135.00	72	480	4	162	98.38	10.81	13.00	3.00
614F54N120M4Y	140.00	54	480	6	168	118.38	10.81	13.00	3.00
614F60N120G4S	142.50	60	480	5	171	118.38	10.81	13.00	3.00
614F72N106M4Y	151.00	72	480	4	182	104.38	10.81	13.00	3.00
614F60N120M4Y	156.00	60	480	4	188	118.38	10.81	13.00	3.00
614F54N140M4Y	157.50	54	480	6	189	138.38	14.81	13.00	3.00
614F60N140G4S	165.00	60	480	5	198	138.38	14.81	13.00	3.00
614F72N120G4S	171.00	72	480	6	206	118.38	10.81	13.00	3.00
614F60N140M4Y	175.00	60	480	5	210	138.38	14.81	13.00	3.00
614F54N160M4Y	180.00	54	480	6	217	158.38	14.81	13.00	3.00
614F72N120M4Y	187.00	72	480	6	225	118.38	10.81	13.00	3.00
614F60N160G4S	195.00	60	480	5	235	158.38	14.81	13.00	3.00
614F72N140G4S	198.00	72	480	6	238	138.38	14.81	13.00	3.00
614F60N160M4Y	200.00	60	480	5	241	158.38	14.81	13.00	3.00
614F72N140M4Y	210.00	72	480	6	253	138.38	14.81	13.00	3.00
614F72N160G4S	234.00	72	480	6	281	158.38	14.81	13.00	3.00
614F72N160M4Y	240.00	72	480	6	289	158.38	14.81	13.00	3.00

16 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
616F90N80G4S	135.00	90	480	5	162	78.13	10.56	15.00	3.25

600# Flanged Immersion Heaters - Type IF

616F96N80G4S	144.00	96	480	4	173	78.13	10.56	15.00	3.25
616F84N88M4Y	156.50	84	480	4	188	86.63	3.56	15.00	3.25
616F84N95M4Y	156.50	84	480	4	188	91.63	10.56	15.00	3.25
616F84N100G4S	157.50	84	480	7	189	98.13	10.56	15.00	3.25
616F90N88M4Y	168.00	90	480	5	202	86.63	3.56	15.00	3.25
616F90N95M4Y	168.00	90	480	5	202	91.63	10.56	15.00	3.25
616F90N100G4S	168.50	90	480	5	203	98.13	10.56	15.00	3.25
616F84N106M4Y	176.00	84	480	7	212	104.13	10.56	15.00	3.25
616F96N88M4Y	179.00	96	480	8	215	86.63	3.56	15.00	3.25
616F96N95M4Y	179.00	96	480	8	215	91.63	10.56	15.00	3.25
616F96N100G4S	180.00	96	480	8	217	98.13	10.56	15.00	3.25
616F90N106M4Y	189.00	90	480	5	227	104.13	10.56	15.00	3.25
616F84N120G4S	199.50	84	480	7	240	118.13	10.56	15.00	3.25
616F96N106M4Y	201.50	96	480	8	242	104.13	10.56	15.00	3.25
616F84N120M4Y	218.00	84	480	7	262	118.13	10.56	15.00	3.25
616F96N120G4S	228.00	96	480	8	274	118.13	10.56	15.00	3.25
616F84N140G4S	231.00	84	480	7	278	138.13	14.56	15.00	3.25
616F90N120M4Y	234.00	90	480	10	281	118.13	10.56	15.00	3.25
616F84N140M4Y	245.00	84	480	7	295	138.13	14.56	15.00	3.25
616F96N120M4Y	249.50	96	480	8	300	118.13	10.56	15.00	3.25
616F90N140M4Y	262.50	90	480	10	316	138.13	14.56	15.00	3.25
616F96N140G4S	264.00	96	480	8	318	138.13	14.56	15.00	3.25
616F84N160G4S	273.00	84	480	7	328	158.13	14.56	15.00	3.25
616F96N140M4Y	280.00	96	480	8	337	138.13	14.56	15.00	3.25
616F84N160M4Y	280.00	84	480	7	337	158.13	14.56	15.00	3.25
616F90N160G4S	292.50	90	480	15	352	158.13	14.56	15.00	3.25
616F90N160M4Y	300.00	90	480	10	361	158.13	14.56	15.00	3.25
616F96N160G4S	312.00	96	480	8	375	158.13	14.56	15.00	3.25
616F96N160M4Y	320.00	96	480	8	385	158.13	14.56	15.00	3.25

18 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
618F108N88M4Y	201.50	108	480	6	242	86.38	3.31	17.00	3.50
618F108N95M4Y	201.50	108	480	6	242	91.38	10.31	17.00	3.50
618F108N100G4S	202.50	108	480	6	244	97.88	10.31	17.00	3.50
618F108N106M4Y	226.50	108	480	6	272	103.88	10.31	17.00	3.50
618F108N120G4S	256.50	108	480	9	309	117.88	10.31	17.00	3.50
618F108N120M4Y	280.50	108	480	9	337	117.88	10.31	17.00	3.50
618F108N140G4S	297.00	108	480	9	357	137.88	14.31	17.00	3.50
618F108N140M4Y	315.00	108	480	9	379	137.88	14.31	17.00	3.50
618F108N160G4S	351.00	108	480	9	422	157.88	14.31	17.00	3.50
618F108N160M4Y	360.00	108	480	9	433	157.88	14.31	17.00	3.50

20 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
620F120N88M4Y	224.00	120	480	8	269	86.13	3.06	19.00	3.75
620F120N95M4Y	224.00	120	480	8	269	91.13	10.06	19.00	3.75
620F120N100G4S	225.00	120	480	10	271	97.63	10.06	19.00	3.75
620F126N88M4Y	235.00	126	480	6	283	86.13	3.06	19.00	3.75
620F126N95M4Y	235.00	126	480	6	283	91.13	10.06	19.00	3.75
620F126N100G4S	236.00	126	480	7	284	97.63	10.06	19.00	3.75
620F132N88M4Y	246.00	132	480	11	296	86.13	3.06	19.00	3.75
620F132N95M4Y	246.00	132	480	11	296	91.13	10.06	19.00	3.75
620F132N100G4S	247.50	132	480	11	298	97.63	10.06	19.00	3.75

600# Flanged Immersion Heaters - Type IF

620F120N106M4Y	252.00	120	480	8	303	103.63	10.06	19.00	3.75
620F126N106M4Y	264.50	126	480	7	318	103.63	10.06	19.00	3.75
620F144N88M4Y	268.50	144	480	8	323	86.13	3.06	19.00	3.75
620F144N95M4Y	268.50	144	480	8	323	91.13	10.06	19.00	3.75
620F144N100G4S	270.00	144	480	8	325	97.63	10.06	19.00	3.75
620F132N106M4Y	277.00	132	480	11	333	103.63	10.06	19.00	3.75
620F120N120G4S	285.00	120	480	10	343	117.63	10.06	19.00	3.75
620F162N88M4Y	302.00	162	480	9	363	86.13	3.06	19.00	3.75
620F162N95M4Y	302.00	162	480	9	363	91.13	10.06	19.00	3.75
620F144N106M4Y	302.00	144	480	8	363	103.63	10.06	19.00	3.75
620F162N100G4S	303.50	162	480	9	365	97.63	10.06	19.00	3.75
620F120N120M4Y	312.00	120	480	8	375	117.63	10.06	19.00	3.75
620F132N120G4S	313.50	132	480	11	377	117.63	10.06	19.00	3.75
620F126N120M4Y	327.50	126	480	14	394	117.63	10.06	19.00	3.75
620F120N140G4S	330.00	120	480	10	397	137.63	14.06	19.00	3.75
620F180N88M4Y	336.00	180	480	10	404	86.13	3.06	19.00	3.75
620F180N95M4Y	336.00	180	480	10	404	91.13	10.06	19.00	3.75
620F180N100G4S	337.50	180	480	10	406	97.63	10.06	19.00	3.75
620F162N106M4Y	340.00	162	480	9	409	103.63	10.06	19.00	3.75
620F144N120G4S	342.00	144	480	12	411	117.63	10.06	19.00	3.75
620F132N120M4Y	343.00	132	480	11	413	117.63	10.06	19.00	3.75
620F120N140M4Y	350.00	120	480	10	421	137.63	14.06	19.00	3.75
620F132N140G4S	363.00	132	480	11	437	137.63	14.06	19.00	3.75
620F126N140M4Y	367.50	126	480	14	442	137.63	14.06	19.00	3.75
620F144N120M4Y	374.00	144	480	12	450	117.63	10.06	19.00	3.75
620F180N106M4Y	378.00	180	480	10	455	103.63	10.06	19.00	3.75
620F132N140M4Y	385.00	132	480	11	463	137.63	14.06	19.00	3.75
620F120N160G4S	390.00	120	480	10	469	157.63	14.06	19.00	3.75
620F144N140G4S	396.00	144	480	12	476	137.63	14.06	19.00	3.75
620F120N160M4Y	400.00	120	480	10	481	157.63	14.06	19.00	3.75
620F144N140M4Y	420.00	144	480	12	505	137.63	14.06	19.00	3.75
620F126N160M4Y	420.00	126	480	14	505	157.63	14.06	19.00	3.75
620F162N120M4Y	421.00	162	480	18	506	117.63	10.06	19.00	3.75
620F180N120G4S	427.50	180	480	12	514	117.63	10.06	19.00	3.75
620F132N160G4S	429.00	132	480	11	516	157.63	14.06	19.00	3.75
620F132N160M4Y	440.00	132	480	11	529	157.63	14.06	19.00	3.75
620F180N120M4Y	468.00	180	480	12	563	117.63	10.06	19.00	3.75
620F144N160G4S	468.00	144	480	12	563	157.63	14.06	19.00	3.75
620F162N140M4Y	472.50	162	480	18	568	137.63	14.06	19.00	3.75
620F144N160M4Y	480.00	144	480	12	577	157.63	14.06	19.00	3.75
620F180N140G4S	495.00	180	480	15	595	137.63	14.06	19.00	3.75
620F180N140M4Y	525.00	180	480	15	631	137.63	14.06	19.00	3.75
620F162N160M4Y	540.00	162	480	18	650	157.63	14.06	19.00	3.75
620F180N160G4S	585.00	180	480	15	704	157.63	14.06	19.00	3.75
620F180N160M4Y	600.00	180	480	15	722	157.63	14.06	19.00	3.75

24 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
624F192N88M4Y	358.00	192	480	16	431	85.63	2.56	23.00	4.25
624F192N95M4Y	358.00	192	480	16	431	90.63	9.56	23.00	4.25
624F192N100G4S	360.00	192	480	16	433	97.13	9.56	23.00	4.25
624F216N88M4Y	403.00	216	480	12	485	85.63	2.56	23.00	4.25
624F216N95M4Y	403.00	216	480	12	485	90.63	9.56	23.00	4.25
624F192N106M4Y	403.00	192	480	16	485	103.13	9.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

624F216N100G4S	405.00	216	480	12	487	97.13	9.56	23.00	4.25
624F234N88M4Y	436.50	234	480	13	525	85.63	2.56	23.00	4.25
624F234N95M4Y	436.50	234	480	13	525	90.63	9.56	23.00	4.25
624F234N100G4S	438.50	234	480	13	527	97.13	9.56	23.00	4.25
624F240N88M4Y	448.00	240	480	16	539	85.63	2.56	23.00	4.25
624F240N95M4Y	448.00	240	480	16	539	90.63	9.56	23.00	4.25
624F240N100G4S	450.00	240	480	20	541	97.13	9.56	23.00	4.25
624F216N106M4Y	453.50	216	480	12	545	103.13	9.56	23.00	4.25
624F192N120G4S	456.00	192	480	16	548	117.13	9.56	23.00	4.25
624F234N106M4Y	491.00	234	480	13	591	103.13	9.56	23.00	4.25
624F192N120M4Y	499.00	192	480	16	600	117.13	9.56	23.00	4.25
624F240N106M4Y	504.00	240	480	16	606	103.13	9.56	23.00	4.25
624F216N120G4S	513.00	216	480	18	617	117.13	9.56	23.00	4.25
624F192N140G4S	528.00	192	480	16	635	137.13	13.56	23.00	4.25
624F192N140M4Y	560.00	192	480	16	674	137.13	13.56	23.00	4.25
624F216N120M4Y	562.00	216	480	18	676	117.13	9.56	23.00	4.25
624F240N120G4S	570.00	240	480	20	686	117.13	9.56	23.00	4.25
624F216N140G4S	594.00	216	480	18	714	137.13	13.56	23.00	4.25
624F234N120M4Y	608.00	234	480	26	731	117.13	9.56	23.00	4.25
624F240N120M4Y	624.00	240	480	16	751	117.13	9.56	23.00	4.25
624F192N160G4S	624.00	192	480	16	751	157.13	13.56	23.00	4.25
624F216N140M4Y	630.00	216	480	18	758	137.13	13.56	23.00	4.25
624F192N160M4Y	640.00	192	480	16	770	157.13	13.56	23.00	4.25
624F240N140G4S	660.00	240	480	20	794	137.13	13.56	23.00	4.25
624F234N140M4Y	683.00	234	480	26	822	137.13	13.56	23.00	4.25
624F240N140M4Y	700.00	240	480	20	842	137.13	13.56	23.00	4.25
624F216N160G4S	702.00	216	480	18	844	157.13	13.56	23.00	4.25
624F216N160M4Y	720.00	216	480	18	866	157.13	13.56	23.00	4.25
624F234N160M4Y	780.00	234	480	26	938	157.13	13.56	23.00	4.25
624F240N160G4S	780.00	240	480	20	938	157.13	13.56	23.00	4.25
624F240N160M4Y	800.00	240	480	20	962	157.13	13.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

6 Watts/Sq. Inch

4 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
64F6N10M2S	0.75	6	240	1	2	9.63	3.06	3.83	1.75
64F6N13M4S	1.13	6	480	1	1	12.63	3.06	3.83	1.75
64F6N13M2S	1.13	6	120	1	5	12.63	3.06	3.83	1.75
64F6N13M1S	1.13	6	120	1	5	12.63	3.06	3.83	1.75
64F6N18M4S	1.50	6	480	1	2	17.13	3.06	3.83	1.75
64F6N18M2S	1.50	6	240	1	4	17.13	3.06	3.83	1.75
64F6N20M2S	1.88	6	240	1	5	19.13	3.06	3.83	1.75
64F6N20M4S	1.88	6	480	1	2	19.63	3.06	3.83	1.75
64F6N25M4S	2.25	6	480	1	3	24.63	3.06	3.83	1.75
64F6N25M1S	2.25	6	120	1	11	24.63	3.06	3.83	1.75
64F6N25M2S	2.25	6	240	1	5	24.63	3.06	3.83	1.75
64F6N33M4S	3.00	6	480	1	4	32.13	3.06	3.83	1.75
64F6N40M2S	3.75	6	240	1	9	39.63	3.06	3.83	1.75
64F6N40M4S	3.75	6	480	1	5	39.63	3.06	3.83	1.75
64F6N48M4S	4.50	6	480	1	5	47.13	3.06	3.83	1.75
64F6N52M2S	5.00	6	240	1	12	51.13	5.06	3.83	1.75
64F6N52M4S	5.00	6	480	1	6	51.13	5.06	3.83	1.75
64F6N59M4S	5.00	6	480	1	6	57.13	12.06	3.83	1.75
64F6N64M4S	6.38	6	480	1	8	63.63	5.06	3.83	1.75
64F6N64M2S	6.38	6	240	1	15	63.63	5.06	3.83	1.75
64F6N73M4S	6.38	6	480	1	8	71.13	16.06	3.83	1.75
64F6N77M2S	7.50	6	240	1	18	76.13	5.06	3.83	1.75
64F6N77M4S	7.50	6	480	1	9	76.13	5.06	3.83	1.75
64F6N88M4S	8.38	6	480	1	10	88.13	5.06	3.83	1.75
64F6N95M4S	8.38	6	480	1	10	93.13	12.06	3.83	1.75
64F6N106M4S	9.38	6	480	1	11	105.63	12.06	3.83	1.75
64F6N120M4S	11.50	6	480	1	14	119.63	12.06	3.83	1.75
64F6N140M4S	13.00	6	480	1	16	139.63	16.06	3.83	1.75
64F6N160M4S	15.00	6	480	1	18	159.63	16.06	3.83	1.75

6 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
66F12N10M2S	1.50	12	240	1	4	9.25	2.69	5.76	2.13
66F12N13M4S	2.25	12	480	1	3	12.25	2.69	5.76	2.13
66F12N18M2S	3.00	12	240	1	7	16.75	2.69	5.76	2.13
66F12N18M4S	3.00	12	480	1	4	16.75	2.69	5.76	2.13
66F12N20M2S	3.75	12	240	1	9	18.75	2.69	5.76	2.13
66F12N20M4S	3.75	12	480	1	5	19.25	2.69	5.76	2.13
66F12N25M4S	4.50	12	480	1	5	24.25	2.69	5.76	2.13
66F12N25M2S	4.50	12	240	1	11	24.25	2.69	5.76	2.13
66F12N33M4S	6.00	12	480	1	7	31.75	2.69	5.76	2.13
66F12N40M4S	7.50	12	480	1	9	39.25	2.69	5.76	2.13
66F12N40M2S	7.50	12	240	1	18	39.25	2.69	5.76	2.13
66F12N48M4S	9.00	12	480	1	11	46.75	2.69	5.76	2.13
66F12N52M2S	10.00	12	240	1	24	50.75	4.69	5.76	2.13
66F12N52M4S	10.00	12	480	1	12	50.75	4.69	5.76	2.13
66F12N59M4S	10.00	12	480	1	12	56.75	11.69	5.76	2.13
66F12N64M2S	12.75	12	240	1	31	63.25	4.69	5.76	2.13
66F12N64M4S	12.75	12	480	1	15	63.25	4.69	5.76	2.13
66F12N73M4S	12.75	12	480	1	15	70.75	15.69	5.76	2.13

600# Flanged Immersion Heaters - Type IF

66F12N77M4S	15.00	12	480	1	18	75.75	4.69	5.76	2.13
66F12N77M2S	15.00	12	240	1	36	75.75	4.69	5.76	2.13
66F12N88M4S	16.75	12	480	1	20	87.75	4.69	5.76	2.13
66F12N95M4S	16.75	12	480	1	20	92.75	11.69	5.76	2.13
66F12N106M4S	18.75	12	480	1	23	105.25	11.69	5.76	2.13
66F12N120M4S	23.25	12	480	1	28	119.25	11.69	5.76	2.13
66F12N140M4S	26.25	12	480	1	32	139.25	15.69	5.76	2.13
66F12N160M4S	30.00	12	480	1	36	159.25	15.69	5.76	2.13

8 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
68F18N13M4S	3.38	18	480	1	4	11.94	2.38	7.63	2.44
68F24N13M4S	4.50	24	480	1	5	11.94	2.38	7.63	2.44
68F18N18M4S	4.50	18	480	1	5	16.44	2.38	7.63	2.44
68F18N20M4S	5.63	18	480	1	7	18.94	2.38	7.63	2.44
68F24N18M4S	6.00	24	480	1	7	16.44	2.38	7.63	2.44
68F18N25M4S	6.75	18	480	1	8	23.94	2.38	7.63	2.44
68F24N20M4S	7.50	24	480	1	9	18.94	2.38	7.63	2.44
68F24N25M4S	9.00	24	480	1	11	23.94	2.38	7.63	2.44
68F18N33M4S	9.00	18	480	1	11	31.44	2.38	7.63	2.44
68F18N40M4S	11.25	18	480	1	14	38.94	2.38	7.63	2.44
68F24N33M4S	12.00	24	480	1	14	31.44	2.38	7.63	2.44
68F18N48M4S	13.50	18	480	1	16	46.44	2.38	7.63	2.44
68F24N40M4S	15.00	24	480	1	18	38.94	2.38	7.63	2.44
68F18N52M4S	15.00	18	480	1	18	50.44	4.38	7.63	2.44
68F18N59M4S	15.00	18	480	1	18	56.44	11.38	7.63	2.44
68F24N48M4S	18.00	24	480	1	22	46.44	2.38	7.63	2.44
68F18N64M4S	19.00	18	480	1	23	62.94	4.38	7.63	2.44
68F18N73M4S	19.00	18	480	1	23	70.44	15.38	7.63	2.44
68F24N52M4S	20.00	24	480	1	24	50.44	4.38	7.63	2.44
68F24N59M4S	20.00	24	480	1	24	56.44	11.38	7.63	2.44
68F18N77M4S	22.50	18	480	1	27	75.44	4.38	7.63	2.44
68F18N88M4S	25.00	18	480	1	30	87.44	4.38	7.63	2.44
68F18N95M4S	25.00	18	480	1	30	92.44	11.38	7.63	2.44
68F24N64M4S	25.50	24	480	1	31	62.94	4.38	7.63	2.44
68F24N73M4S	25.50	24	480	1	31	70.44	15.38	7.63	2.44
68F18N106M4S	28.25	18	480	1	34	104.94	11.38	7.63	2.44
68F24N77M4S	30.00	24	480	1	36	75.44	4.38	7.63	2.44
68F24N88M4S	33.50	24	480	1	40	87.44	4.38	7.63	2.44
68F24N95M4S	33.50	24	480	1	40	92.44	11.38	7.63	2.44
68F18N120M4S	35.00	18	480	1	42	118.94	11.38	7.63	2.44
68F24N106M4S	37.75	24	480	1	45	104.94	11.38	7.63	2.44
68F18N140M4S	39.25	18	480	1	47	138.94	15.38	7.63	2.44
68F24N120M4S	46.75	24	480	2	56	118.94	11.38	7.63	2.44
68F24N140M4S	52.50	24	480	2	63	138.94	15.38	7.63	2.44
68F24N160M4S	60.00	24	480	2	72	158.94	15.38	7.63	2.44

10 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
610F30N13M4S	5.63	30	480	1	7	11.63	2.06	9.75	2.75
610F36N13M4S	6.75	36	480	1	8	11.63	2.06	9.75	2.75
610F30N18M4S	7.50	30	480	1	9	16.13	2.06	9.75	2.75
610F36N18M4S	9.00	36	480	1	11	16.13	2.06	9.75	2.75
610F30N20M4S	9.38	30	480	1	11	18.63	2.06	9.75	2.75

600# Flanged Immersion Heaters - Type IF

610F36N20M4S	11.25	36	480	1	14	18.63	2.06	9.75	2.75
610F30N25M4S	11.25	30	480	1	14	23.63	2.06	9.75	2.75
610F36N25M4S	13.50	36	480	1	16	23.63	2.06	9.75	2.75
610F30N33M4S	15.00	30	480	1	18	31.13	2.06	9.75	2.75
610F36N33M4S	18.00	36	480	1	22	31.13	2.06	9.75	2.75
610F30N40M4S	18.75	30	480	1	23	38.63	2.06	9.75	2.75
610F36N40M4S	22.50	36	480	1	27	38.63	2.06	9.75	2.75
610F30N48M4S	22.50	30	480	1	27	46.13	2.06	9.75	2.75
610F30N52M4S	25.00	30	480	1	30	50.13	4.06	9.75	2.75
610F30N59M4S	25.00	30	480	1	30	56.13	11.06	9.75	2.75
610F36N48M4S	27.00	36	480	1	32	46.13	2.06	9.75	2.75
610F36N52M4S	30.00	36	480	1	36	50.13	4.06	9.75	2.75
610F36N59M4S	30.00	36	480	1	36	56.13	11.06	9.75	2.75
610F30N64M4S	31.75	30	480	1	38	62.63	4.06	9.75	2.75
610F30N73M4S	31.75	30	480	1	38	70.13	15.06	9.75	2.75
610F30N77M4S	37.50	30	480	1	45	75.13	4.06	9.75	2.75
610F36N64M4S	38.25	36	480	1	46	62.63	4.06	9.75	2.75
610F36N73M4S	38.25	36	480	1	46	70.13	15.06	9.75	2.75
610F36N77M4S	45.00	36	480	2	54	75.13	4.06	9.75	2.75
610F36N88M4S	50.25	36	480	2	60	87.13	4.06	9.75	2.75
610F36N95M4S	50.25	36	480	2	60	92.13	11.06	9.75	2.75
610F36N106M4S	56.50	36	480	2	68	104.63	11.06	9.75	2.75
610F36N120M4S	70.00	36	480	2	84	118.63	11.06	9.75	2.75
610F36N140M4S	78.75	36	480	2	95	138.63	15.06	9.75	2.75
610F36N160M4S	90.00	36	480	3	108	158.63	15.06	9.75	2.75

12 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
612F48N40M4S	30.00	48	480	1	36	38.50	1.94	11.75	2.88
612F48N48M4S	36.00	48	480	1	43	46.00	1.94	11.75	2.88
612F48N52M4S	40.00	48	480	1	48	50.00	3.94	11.75	2.88
612F48N59M4S	40.00	48	480	1	48	56.00	10.94	11.75	2.88
612F48N64M4S	51.00	48	480	2	61	62.50	3.94	11.75	2.88
612F48N73M4S	51.00	48	480	2	61	70.00	14.94	11.75	2.88
612F48N77M4S	60.00	48	480	2	72	75.00	3.94	11.75	2.88
612F48N88M4S	67.00	48	480	2	81	87.00	3.94	11.75	2.88
612F48N95M4S	67.00	48	480	2	81	92.00	10.94	11.75	2.88
612F54N88M4S	75.50	54	480	3	91	87.00	3.94	11.75	2.88
612F54N95M4S	75.50	54	480	3	91	92.00	10.94	11.75	2.88
612F48N106M4S	75.50	48	480	2	91	104.50	10.94	11.75	2.88
612F54N106M4S	85.00	54	480	3	102	104.50	10.94	11.75	2.88
612F48N120M4S	93.50	48	480	4	112	118.50	10.94	11.75	2.88
612F54N120M4S	105.00	54	480	3	126	118.50	10.94	11.75	2.88
612F48N140M4S	105.00	48	480	4	126	138.50	14.94	11.75	2.88
612F54N140M4S	118.00	54	480	3	142	138.50	14.94	11.75	2.88
612F48N160M4S	120.00	48	480	4	144	158.50	14.94	11.75	2.88

14 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
614F54N88M4S	75.50	54	480	3	91	86.88	3.81	13.00	3.00
614F54N95M4S	75.50	54	480	3	91	91.88	10.81	13.00	3.00
614F54N106M4S	85.00	54	480	3	102	104.38	10.81	13.00	3.00
614F72N88M4S	100.50	72	480	3	121	86.88	3.81	13.00	3.00
614F72N95M4S	100.50	72	480	3	121	91.88	10.81	13.00	3.00

600# Flanged Immersion Heaters - Type IF

614F54N120M4S	105.00	54	480	3	126	118.38	10.81	13.00	3.00
614F72N106M4S	113.00	72	480	3	136	104.38	10.81	13.00	3.00
614F60N120M4S	117.00	60	480	5	141	118.38	10.81	13.00	3.00
614F54N140M4S	118.00	54	480	3	142	138.38	14.81	13.00	3.00
614F60N140M4S	131.00	60	480	5	158	138.38	14.81	13.00	3.00
614F72N120M4S	140.00	72	480	4	168	118.38	10.81	13.00	3.00
614F60N160M4S	150.00	60	480	5	180	158.38	14.81	13.00	3.00
614F72N140M4S	157.50	72	480	4	189	138.38	14.81	13.00	3.00
614F72N160M4S	180.00	72	480	6	217	158.38	14.81	13.00	3.00

16 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
616F90N88M4S	126.00	90	480	5	152	86.63	3.56	15.00	3.25
616F90N95M4S	126.00	90	480	5	152	91.63	10.56	15.00	3.25
616F96N88M4S	134.00	96	480	4	161	86.63	3.56	15.00	3.25
616F96N95M4S	134.00	96	480	4	161	91.63	10.56	15.00	3.25
616F90N106M4S	141.50	90	480	5	170	104.13	10.56	15.00	3.25
616F96N106M4S	151.00	96	480	4	182	104.13	10.56	15.00	3.25
616F84N120M4S	163.50	84	480	7	197	118.13	10.56	15.00	3.25
616F90N120M4S	175.50	90	480	5	211	118.13	10.56	15.00	3.25
616F84N140M4S	183.50	84	480	7	221	138.13	14.56	15.00	3.25
616F96N120M4S	187.00	96	480	8	225	118.13	10.56	15.00	3.25
616F90N140M4S	196.50	90	480	5	236	138.13	14.56	15.00	3.25
616F96N140M4S	210.00	96	480	8	253	138.13	14.56	15.00	3.25
616F84N160M4S	210.00	84	480	7	253	158.13	14.56	15.00	3.25
616F96N160M4S	240.00	96	480	8	289	158.13	14.56	15.00	3.25

18 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
618F108N88M4S	151.00	108	480	6	182	86.38	3.31	17.00	3.50
618F108N95M4S	151.00	108	480	6	182	91.38	10.31	17.00	3.50
618F108N106M4S	170.00	108	480	6	204	103.88	10.31	17.00	3.50
618F108N120M4S	210.50	108	480	6	253	117.88	10.31	17.00	3.50
618F108N140M4S	236.00	108	480	6	284	137.88	14.31	17.00	3.50
618F108N160M4S	270.00	108	480	9	325	157.88	14.31	17.00	3.50

20 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
620F120N88M4S	168.00	120	480	5	202	86.13	3.06	19.00	3.75
620F120N95M4S	168.00	120	480	5	202	91.13	10.06	19.00	3.75
620F126N88M4S	176.00	126	480	7	212	86.13	3.06	19.00	3.75
620F126N95M4S	176.00	126	480	7	212	91.13	10.06	19.00	3.75
620F120N106M4S	189.00	120	480	5	227	103.63	10.06	19.00	3.75
620F126N106M4S	198.00	126	480	7	238	103.63	10.06	19.00	3.75
620F144N88M4S	201.50	144	480	6	242	86.13	3.06	19.00	3.75
620F144N95M4S	201.50	144	480	6	242	91.13	10.06	19.00	3.75
620F162N88M4S	226.50	162	480	9	272	86.13	3.06	19.00	3.75
620F162N95M4S	226.50	162	480	9	272	91.13	10.06	19.00	3.75
620F144N106M4S	226.50	144	480	6	272	103.63	10.06	19.00	3.75
620F120N120M4S	234.00	120	480	10	281	117.63	10.06	19.00	3.75
620F126N120M4S	245.50	126	480	7	295	117.63	10.06	19.00	3.75
620F180N88M4S	252.00	180	480	10	303	86.13	3.06	19.00	3.75
620F180N95M4S	252.00	180	480	10	303	91.13	10.06	19.00	3.75
620F162N106M4S	255.00	162	480	9	307	103.63	10.06	19.00	3.75

600# Flanged Immersion Heaters - Type IF

620F132N120M4S	257.00	132	480	11	309	117.63	10.06	19.00	3.75
620F120N140M4S	262.50	120	480	10	316	137.63	14.06	19.00	3.75
620F126N140M4S	275.50	126	480	7	331	137.63	14.06	19.00	3.75
620F144N120M4S	280.50	144	480	8	337	117.63	10.06	19.00	3.75
620F180N106M4S	283.50	180	480	10	341	103.63	10.06	19.00	3.75
620F132N140M4S	288.50	132	480	11	347	137.63	14.06	19.00	3.75
620F120N160M4S	300.00	120	480	10	361	157.63	14.06	19.00	3.75
620F144N140M4S	315.00	144	480	8	379	137.63	14.06	19.00	3.75
620F162N120M4S	315.50	162	480	9	379	117.63	10.06	19.00	3.75
620F132N160M4S	330.00	132	480	11	397	157.63	14.06	19.00	3.75
620F180N120M4S	351.00	180	480	10	422	117.63	10.06	19.00	3.75
620F162N140M4S	354.00	162	480	9	426	137.63	14.06	19.00	3.75
620F144N160M4S	360.00	144	480	12	433	157.63	14.06	19.00	3.75
620F180N140M4S	393.50	180	480	10	473	137.63	14.06	19.00	3.75
620F180N160M4S	450.00	180	480	12	541	157.63	14.06	19.00	3.75

24 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
624F192N88M4S	268.50	192	480	8	323	85.63	2.56	23.00	4.25
624F192N95M4S	268.50	192	480	8	323	90.63	9.56	23.00	4.25
624F216N88M4S	302.00	216	480	9	363	85.63	2.56	23.00	4.25
624F216N95M4S	302.00	216	480	9	363	90.63	9.56	23.00	4.25
624F192N106M4S	302.00	192	480	8	363	103.13	9.56	23.00	4.25
624F234N88M4S	327.50	234	480	13	394	85.63	2.56	23.00	4.25
624F234N95M4S	327.50	234	480	13	394	90.63	9.56	23.00	4.25
624F240N88M4S	336.00	240	480	10	404	85.63	2.56	23.00	4.25
624F240N95M4S	336.00	240	480	10	404	90.63	9.56	23.00	4.25
624F216N106M4S	340.00	216	480	12	409	103.13	9.56	23.00	4.25
624F234N106M4S	368.50	234	480	13	443	103.13	9.56	23.00	4.25
624F192N120M4S	374.00	192	480	16	450	117.13	9.56	23.00	4.25
624F240N106M4S	378.00	240	480	10	455	103.13	9.56	23.00	4.25
624F192N140M4S	420.00	192	480	16	505	137.13	13.56	23.00	4.25
624F216N120M4S	421.00	216	480	12	506	117.13	9.56	23.00	4.25
624F234N120M4S	456.00	234	480	13	548	117.13	9.56	23.00	4.25
624F240N120M4S	468.00	240	480	20	563	117.13	9.56	23.00	4.25
624F216N140M4S	472.50	216	480	12	568	137.13	13.56	23.00	4.25
624F192N160M4S	480.00	192	480	16	577	157.13	13.56	23.00	4.25
624F234N140M4S	512.00	234	480	13	616	137.13	13.56	23.00	4.25
624F240N140M4S	525.00	240	480	20	631	137.13	13.56	23.00	4.25
624F216N160M4S	540.00	216	480	18	650	157.13	13.56	23.00	4.25
624F240N160M4S	600.00	240	480	20	722	157.13	13.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

5 Watts/Sq. Inch

4 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
64F6N18B4Z	1.25	6	480	1	2	17.13	3.06	3.83	1.75
64F6N20B4Z	1.38	6	480	1	2	19.13	3.06	3.83	1.75
64F6N25B4Z	1.88	6	480	1	2	24.63	3.06	3.83	1.75
64F6N25B2Z	1.88	6	240	1	5	24.63	3.06	3.83	1.75
64F6N33B2Z	2.50	6	240	1	6	32.13	3.06	3.83	1.75
64F6N33B4Z	2.50	6	480	1	3	32.13	3.06	3.83	1.75
64F6N38B4Z	3.00	6	480	1	4	37.63	5.06	3.83	1.75
64F6N36B4Z	3.13	6	480	1	4	35.13	3.06	3.83	1.75
64F6N43B4Z	3.25	6	480	1	4	42.13	5.06	3.83	1.75
64F6N52B2Z	4.13	6	240	1	10	51.13	5.06	3.83	1.75
64F6N52B4Z	4.13	6	480	1	5	51.13	5.06	3.83	1.75
64F6N57B4Z	4.13	6	480	1	5	56.13	10.06	3.83	1.75
64F6N61B4Z	5.00	6	480	1	6	60.63	5.06	3.83	1.75
64F6N68B4Z	5.00	6	480	1	6	67.63	12.06	3.83	1.75
64F6N88B4Z	7.38	6	480	1	9	88.13	5.06	3.83	1.75
64F6N106B4Z	8.25	6	480	1	10	105.63	12.06	3.83	1.75
64F6N120B4Z	9.50	6	480	1	11	119.63	12.06	3.83	1.75

6 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
66F12N18B4Z	2.50	12	480	1	3	16.75	2.69	5.76	2.13
66F12N20B4Z	2.88	12	480	1	3	18.75	2.69	5.76	2.13
66F12N25B4Z	3.75	12	480	1	5	24.25	2.69	5.76	2.13
66F12N25B2Z	3.75	12	240	1	9	24.25	2.69	5.76	2.13
66F12N33B4Z	5.00	12	480	1	6	31.75	2.69	5.76	2.13
66F12N33B2Z	5.00	12	240	1	12	31.75	2.69	5.76	2.13
66F12N38B4Z	6.00	12	480	1	7	37.25	4.69	5.76	2.13
66F12N36B4Z	6.38	12	480	1	8	34.75	2.69	5.76	2.13
66F12N43B4Z	6.63	12	480	1	8	41.75	4.69	5.76	2.13
66F12N52B2Z	8.25	12	240	1	20	50.75	4.69	5.76	2.13
66F12N52B4Z	8.25	12	480	1	10	50.75	4.69	5.76	2.13
66F12N57B4Z	8.25	12	480	1	10	55.75	9.69	5.76	2.13
66F12N61B4Z	10.00	12	480	1	12	60.25	4.69	5.76	2.13
66F12N68B4Z	10.00	12	480	1	12	67.25	11.69	5.76	2.13
66F12N88B4Z	14.75	12	480	1	18	87.75	4.69	5.76	2.13
66F12N106B4Z	16.50	12	480	1	20	105.25	11.69	5.76	2.13
66F12N120B4Z	19.00	12	480	1	23	119.25	11.69	5.76	2.13

8 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
68F18N18B4Z	3.75	18	480	1	5	16.44	2.38	7.63	2.44
68F18N20B4Z	4.25	18	480	1	5	18.44	2.38	7.63	2.44
68F24N18B4Z	5.00	24	480	1	6	16.44	2.38	7.63	2.44
68F24N20B4Z	5.75	24	480	1	7	18.44	2.38	7.63	2.44
68F18N25B4Z	5.75	18	480	1	7	23.94	2.38	7.63	2.44
68F18N33B4Z	7.50	18	480	1	9	31.44	2.38	7.63	2.44
68F24N25B4Z	7.63	24	480	1	9	23.94	2.38	7.63	2.44
68F18N38B4Z	9.00	18	480	1	11	36.94	4.38	7.63	2.44
68F18N36B4Z	9.63	18	480	1	12	34.44	2.38	7.63	2.44
68F24N33B4Z	10.00	24	480	1	12	31.44	2.38	7.63	2.44

600# Flanged Immersion Heaters - Type IF

68F18N43B4Z	10.00	18	480	1	12	41.44	4.38	7.63	2.44
68F24N38B4Z	12.00	24	480	1	14	36.94	4.38	7.63	2.44
68F18N52B4Z	12.50	18	480	1	15	50.44	4.38	7.63	2.44
68F18N57B4Z	12.50	18	480	1	15	55.44	9.38	7.63	2.44
68F24N36B4Z	12.75	24	480	1	15	34.44	2.38	7.63	2.44
68F24N43B4Z	13.25	24	480	1	16	41.44	4.38	7.63	2.44
68F18N61B4Z	15.00	18	480	1	18	59.94	4.38	7.63	2.44
68F18N68B4Z	15.00	18	480	1	18	66.94	11.38	7.63	2.44
68F24N52B4Z	16.50	24	480	1	20	50.44	4.38	7.63	2.44
68F24N57B4Z	16.50	24	480	1	20	55.44	9.38	7.63	2.44
68F24N61B4Z	20.00	24	480	1	24	59.94	4.38	7.63	2.44
68F24N68B4Z	20.00	24	480	1	24	66.94	11.38	7.63	2.44
68F18N88B4Z	22.00	18	480	1	26	87.44	4.38	7.63	2.44
68F18N106B4Z	25.00	18	480	1	30	104.94	11.38	7.63	2.44
68F18N120B4Z	28.50	18	480	1	34	118.94	11.38	7.63	2.44
68F24N88B4Z	29.50	24	480	1	35	87.44	4.38	7.63	2.44
68F24N106B4Z	33.25	24	480	1	40	104.94	11.38	7.63	2.44
68F24N120B4Z	38.00	24	480	1	46	118.94	11.38	7.63	2.44

10 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
610F30N18B4Z	6.25	30	480	1	8	16.13	2.06	9.75	2.75
610F30N20B4Z	7.25	30	480	1	9	18.13	2.06	9.75	2.75
610F36N18B4Z	7.50	36	480	1	9	16.13	2.06	9.75	2.75
610F36N20B4Z	8.63	36	480	1	10	18.13	2.06	9.75	2.75
610F30N25B4Z	9.63	30	480	1	12	23.63	2.06	9.75	2.75
610F36N25B4Z	11.50	36	480	1	14	23.63	2.06	9.75	2.75
610F30N33B4Z	12.50	30	480	1	15	31.13	2.06	9.75	2.75
610F36N33B4Z	15.00	36	480	1	18	31.13	2.06	9.75	2.75
610F30N38B4Z	15.00	30	480	1	18	36.63	4.06	9.75	2.75
610F30N36B4Z	16.00	30	480	1	19	34.13	2.06	9.75	2.75
610F30N43B4Z	16.50	30	480	1	20	41.13	4.06	9.75	2.75
610F36N38B4Z	18.00	36	480	1	22	36.63	4.06	9.75	2.75
610F36N36B4Z	19.25	36	480	1	23	34.13	2.06	9.75	2.75
610F36N43B4Z	20.00	36	480	1	24	41.13	4.06	9.75	2.75
610F30N52B4Z	20.75	30	480	1	25	50.13	4.06	9.75	2.75
610F30N57B4Z	20.75	30	480	1	25	55.13	9.06	9.75	2.75
610F36N52B4Z	25.00	36	480	1	30	50.13	4.06	9.75	2.75
610F36N57B4Z	25.00	36	480	1	30	55.13	9.06	9.75	2.75
610F30N61B4Z	25.00	30	480	1	30	59.63	4.06	9.75	2.75
610F30N68B4Z	25.00	30	480	1	30	66.63	11.06	9.75	2.75
610F36N61B4Z	30.00	36	480	1	36	59.63	4.06	9.75	2.75
610F36N68B4Z	30.00	36	480	1	36	66.63	11.06	9.75	2.75
610F30N88B4Z	37.00	30	480	1	45	87.13	4.06	9.75	2.75
610F36N88B4Z	44.25	36	480	2	53	87.13	4.06	9.75	2.75
610F36N106B4Z	50.00	36	480	2	60	104.63	11.06	9.75	2.75
610F36N120B4Z	57.00	36	480	2	69	118.63	11.06	9.75	2.75

12 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
612F48N43B4Z	26.50	48	480	1	32	41.00	3.94	11.75	2.88
612F48N52B4Z	33.25	48	480	1	40	50.00	3.94	11.75	2.88
612F48N57B4Z	33.25	48	480	1	40	55.00	8.94	11.75	2.88
612F48N61B4Z	40.00	48	480	1	48	59.50	3.94	11.75	2.88

600# Flanged Immersion Heaters - Type IF

612F48N68B4Z	40.00	48	480	1	48	66.50	10.94	11.75	2.88
612F48N88B4Z	59.00	48	480	2	71	87.00	3.94	11.75	2.88
612F54N88B4Z	66.50	54	480	3	80	87.00	3.94	11.75	2.88
612F48N106B4Z	66.50	48	480	2	80	104.50	10.94	11.75	2.88
612F54N106B4Z	75.00	54	480	3	90	104.50	10.94	11.75	2.88
612F48N120B4Z	76.00	48	480	2	91	118.50	10.94	11.75	2.88
612F54N120B4Z	85.50	54	480	3	103	118.50	10.94	11.75	2.88

14 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
614F54N88B4Z	66.50	54	480	3	80	86.88	3.81	13.00	3.00
614F60N88B4Z	74.00	60	480	2	89	86.88	3.81	13.00	3.00
614F54N106B4Z	75.00	54	480	3	90	104.38	10.81	13.00	3.00
614F54N120B4Z	85.50	54	480	3	103	118.38	10.81	13.00	3.00
614F72N88B4Z	88.75	72	480	3	107	86.88	3.81	13.00	3.00
614F72N106B4Z	100.00	72	480	3	120	104.38	10.81	13.00	3.00
614F72N120B4Z	114.00	72	480	3	137	118.38	10.81	13.00	3.00

16 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
616F90N88B4Z	111.00	90	480	3	134	86.63	3.56	15.00	3.25
616F96N88B4Z	118.00	96	480	4	142	86.63	3.56	15.00	3.25
616F90N106B4Z	125.00	90	480	5	150	104.13	10.56	15.00	3.25
616F96N106B4Z	133.00	96	480	4	160	104.13	10.56	15.00	3.25
616F90N120B4Z	142.50	90	480	5	171	118.13	10.56	15.00	3.25
616F96N120B4Z	152.00	96	480	4	183	118.13	10.56	15.00	3.25

18 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
618F108N88B4Z	133.00	108	480	6	160	86.38	3.31	17.00	3.50
618F108N106B4Z	150.00	108	480	6	180	103.88	10.31	17.00	3.50
618F108N120B4Z	171.00	108	480	6	206	117.88	10.31	17.00	3.50

20 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
620F120N88B4Z	148.00	120	480	4	178	86.13	3.06	19.00	3.75
620F126N88B4Z	155.00	126	480	7	186	86.13	3.06	19.00	3.75
620F120N106B4Z	166.50	120	480	5	200	103.63	10.06	19.00	3.75
620F126N106B4Z	175.00	126	480	7	210	103.63	10.06	19.00	3.75
620F144N88B4Z	177.50	144	480	6	214	86.13	3.06	19.00	3.75
620F120N120B4Z	190.00	120	480	5	229	117.63	10.06	19.00	3.75
620F162N88B4Z	199.50	162	480	9	240	86.13	3.06	19.00	3.75
620F126N120B4Z	199.50	126	480	7	240	117.63	10.06	19.00	3.75
620F144N106B4Z	200.00	144	480	6	241	103.63	10.06	19.00	3.75
620F180N88B4Z	222.00	180	480	6	267	86.13	3.06	19.00	3.75
620F162N106B4Z	225.00	162	480	9	271	103.63	10.06	19.00	3.75
620F144N120B4Z	228.00	144	480	6	274	117.63	10.06	19.00	3.75
620F180N106B4Z	250.00	180	480	10	301	103.63	10.06	19.00	3.75
620F162N120B4Z	256.50	162	480	9	309	117.63	10.06	19.00	3.75
620F180N120B4Z	285.00	180	480	10	343	117.63	10.06	19.00	3.75

24 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
624F192N88B4Z	236.50	192	480	8	284	85.63	2.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

624F216N88B4Z	266.00	216	480	9	320	85.63	2.56	23.00	4.25
624F192N106B4Z	266.50	192	480	8	321	103.13	9.56	23.00	4.25
624F234N88B4Z	288.50	234	480	13	347	85.63	2.56	23.00	4.25
624F240N88B4Z	296.00	240	480	8	356	85.63	2.56	23.00	4.25
624F216N106B4Z	300.00	216	480	9	361	103.13	9.56	23.00	4.25
624F192N120B4Z	304.00	192	480	8	366	117.13	9.56	23.00	4.25
624F234N106B4Z	325.00	234	480	13	391	103.13	9.56	23.00	4.25
624F240N106B4Z	333.00	240	480	10	401	103.13	9.56	23.00	4.25
624F216N120B4Z	342.00	216	480	12	411	117.13	9.56	23.00	4.25
624F234N120B4Z	370.50	234	480	13	446	117.13	9.56	23.00	4.25
624F240N120B4Z	380.00	240	480	10	457	117.13	9.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

4 Watts/Sq. Inch

4 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
64F6N10H4Z	0.50	6	480	1	1	9.63	3.06	3.83	1.75
64F6N18H4Z	1.00	6	480	1	1	17.13	3.06	3.83	1.75
64F6N18H2Z	1.00	6	240	1	2	17.13	3.06	3.83	1.75
64F6N20H4Z	1.25	6	480	1	2	19.13	3.06	3.83	1.75
64F6N20H2Z	1.25	6	240	1	3	19.13	3.06	3.83	1.75
64F6N25H2Z	1.50	6	240	1	4	24.63	3.06	3.83	1.75
64F6N25H4Z	1.50	6	480	1	2	24.63	3.06	3.83	1.75
64F6N33H2Z	2.00	6	240	1	5	32.13	3.06	3.83	1.75
64F6N33H4Z	2.00	6	480	1	2	32.13	3.06	3.83	1.75
64F6N40H4Z	2.50	6	480	1	3	39.63	3.06	3.83	1.75
64F6N40H2Z	2.50	6	240	1	6	39.63	3.06	3.83	1.75
64F6N48H4Z	3.00	6	480	1	4	47.13	3.06	3.83	1.75
64F6N52H4Z	3.00	6	480	1	4	51.13	5.06	3.83	1.75
64F6N61H4Z	4.13	6	480	1	5	60.63	5.06	3.83	1.75
64F6N68H4Z	4.13	6	480	1	5	67.63	12.06	3.83	1.75
64F6N80H4Z	5.50	6	480	1	7	78.13	10.06	3.83	1.75
64F6N88H4Z	6.25	6	480	1	8	88.13	5.06	3.83	1.75
64F6N95H4Z	6.25	6	480	1	8	95.13	12.06	3.83	1.75
64F6N120H4Z	7.50	6	480	1	9	119.63	13.56	3.83	1.75
64F6N140H4Z	8.75	6	480	1	11	139.63	16.06	3.83	1.75
64F6N160H4Z	10.00	6	480	1	12	159.63	16.06	3.83	1.75

6 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
66F12N10H4Z	1.00	12	480	1	1	9.25	2.69	5.76	2.13
66F12N18H4Z	2.00	12	480	1	2	16.75	2.69	5.76	2.13
66F12N18H2Z	2.00	12	240	1	5	16.75	2.69	5.76	2.13
66F12N20H2Z	2.50	12	240	1	6	18.75	2.69	5.76	2.13
66F12N20H4Z	2.50	12	480	1	3	18.75	2.69	5.76	2.13
66F12N25H4Z	3.00	12	480	1	4	24.25	2.69	5.76	2.13
66F12N25H2Z	3.00	12	240	1	7	24.25	2.69	5.76	2.13
66F12N33H2Z	4.00	12	240	1	10	31.75	2.69	5.76	2.13
66F12N33H4Z	4.00	12	480	1	5	31.75	2.69	5.76	2.13
66F12N40H4Z	5.00	12	480	1	6	39.25	2.69	5.76	2.13
66F12N40H2Z	5.00	12	240	1	12	39.25	2.69	5.76	2.13
66F12N48H4Z	6.00	12	480	1	7	46.75	2.69	5.76	2.13
66F12N52H4Z	6.00	12	480	1	7	50.75	4.69	5.76	2.13
66F12N61H4Z	8.25	12	480	1	10	60.25	4.69	5.76	2.13
66F12N68H4Z	8.25	12	480	1	10	67.25	11.69	5.76	2.13
66F12N80H4Z	11.00	12	480	1	13	77.75	9.69	5.76	2.13
66F12N88H4Z	12.50	12	480	1	15	87.75	4.69	5.76	2.13
66F12N95H4Z	12.50	12	480	1	15	94.75	11.69	5.76	2.13
66F12N120H4Z	15.00	12	480	1	18	119.25	13.19	5.76	2.13
66F12N140H4Z	17.50	12	480	1	21	139.25	15.69	5.76	2.13
66F12N160H4Z	20.00	12	480	1	24	159.25	15.69	5.76	2.13

8 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
68F18N10H4Z	1.50	18	480	1	2	8.94	2.38	7.63	2.44
68F24N10H4Z	2.00	24	480	1	2	8.94	2.38	7.63	2.44

600# Flanged Immersion Heaters - Type IF

68F18N18H4Z	3.00	18	480	1	4	16.44	2.38	7.63	2.44
68F18N20H4Z	3.75	18	480	1	5	18.44	2.38	7.63	2.44
68F24N18H4Z	4.00	24	480	1	5	16.44	2.38	7.63	2.44
68F18N25H4Z	4.50	18	480	1	5	23.94	2.38	7.63	2.44
68F24N20H4Z	5.00	24	480	1	6	18.44	2.38	7.63	2.44
68F24N25H4Z	6.00	24	480	1	7	23.94	2.38	7.63	2.44
68F18N33H4Z	6.00	18	480	1	7	31.44	2.38	7.63	2.44
68F18N40H4Z	7.50	18	480	1	9	38.94	2.38	7.63	2.44
68F24N33H4Z	8.00	24	480	1	10	31.44	2.38	7.63	2.44
68F18N48H4Z	9.00	18	480	1	11	46.44	2.38	7.63	2.44
68F18N52H4Z	9.00	18	480	1	11	50.44	4.38	7.63	2.44
68F24N40H4Z	10.00	24	480	1	12	38.94	2.38	7.63	2.44
68F24N48H4Z	12.00	24	480	1	14	46.44	2.38	7.63	2.44
68F24N52H4Z	12.00	24	480	1	14	50.44	4.38	7.63	2.44
68F18N61H4Z	12.50	18	480	1	15	59.94	4.38	7.63	2.44
68F18N68H4Z	12.50	18	480	1	15	66.94	11.38	7.63	2.44
68F24N61H4Z	16.50	24	480	1	20	59.94	4.38	7.63	2.44
68F24N68H4Z	16.50	24	480	1	20	66.94	11.38	7.63	2.44
68F18N80H4Z	16.50	18	480	1	20	77.44	9.38	7.63	2.44
68F18N88H4Z	18.75	18	480	1	23	87.44	4.38	7.63	2.44
68F18N95H4Z	18.75	18	480	1	23	94.44	11.38	7.63	2.44
68F24N80H4Z	22.00	24	480	1	26	77.44	9.38	7.63	2.44
68F18N120H4Z	22.50	18	480	1	27	118.94	12.88	7.63	2.44
68F24N88H4Z	25.00	24	480	1	30	87.44	4.38	7.63	2.44
68F24N95H4Z	25.00	24	480	1	30	94.44	11.38	7.63	2.44
68F18N140H4Z	26.25	18	480	1	32	138.94	15.38	7.63	2.44
68F24N120H4Z	30.00	24	480	1	36	118.94	12.88	7.63	2.44
68F18N160H4Z	30.00	18	480	1	36	158.94	15.38	7.63	2.44
68F24N140H4Z	35.00	24	480	1	42	138.94	15.38	7.63	2.44
68F24N160H4Z	40.00	24	480	1	48	158.94	15.38	7.63	2.44

10 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
610F30N10H4Z	2.50	30	480	1	3	8.63	2.06	9.75	2.75
610F36N10H4Z	3.00	36	480	1	4	8.63	2.06	9.75	2.75
610F30N18H4Z	5.00	30	480	1	6	16.13	2.06	9.75	2.75
610F36N18H4Z	6.00	36	480	1	7	16.13	2.06	9.75	2.75
610F30N20H4Z	6.25	30	480	1	8	18.13	2.06	9.75	2.75
610F36N20H4Z	7.50	36	480	1	9	18.13	2.06	9.75	2.75
610F30N25H4Z	7.50	30	480	1	9	23.63	2.06	9.75	2.75
610F36N25H4Z	9.00	36	480	1	11	23.63	2.06	9.75	2.75
610F30N33H4Z	10.00	30	480	1	12	31.13	2.06	9.75	2.75
610F36N33H4Z	12.00	36	480	1	14	31.13	2.06	9.75	2.75
610F30N40H4Z	12.50	30	480	1	15	38.63	2.06	9.75	2.75
610F36N40H4Z	15.00	36	480	1	18	38.63	2.06	9.75	2.75
610F30N48H4Z	15.00	30	480	1	18	46.13	2.06	9.75	2.75
610F30N52H4Z	15.00	30	480	1	18	50.13	4.06	9.75	2.75
610F36N48H4Z	18.00	36	480	1	22	46.13	2.06	9.75	2.75
610F36N52H4Z	18.00	36	480	1	22	50.13	4.06	9.75	2.75
610F30N61H4Z	20.75	30	480	1	25	59.63	4.06	9.75	2.75
610F30N68H4Z	20.75	30	480	1	25	66.63	11.06	9.75	2.75
610F36N61H4Z	25.00	36	480	1	30	59.63	4.06	9.75	2.75
610F36N68H4Z	25.00	36	480	1	30	66.63	11.06	9.75	2.75
610F30N80H4Z	27.75	30	480	1	33	77.13	9.06	9.75	2.75

600# Flanged Immersion Heaters - Type IF

610F30N88H4Z	31.25	30	480	1	38	87.13	4.06	9.75	2.75
610F30N95H4Z	31.25	30	480	1	38	94.13	11.06	9.75	2.75
610F36N80H4Z	33.25	36	480	1	40	77.13	9.06	9.75	2.75
610F36N88H4Z	37.50	36	480	1	45	87.13	4.06	9.75	2.75
610F36N95H4Z	37.50	36	480	1	45	94.13	11.06	9.75	2.75
610F30N120H4Z	37.50	30	480	1	45	118.63	12.56	9.75	2.75
610F36N120H4Z	45.00	36	480	2	54	118.63	12.56	9.75	2.75
610F36N140H4Z	52.50	36	480	2	63	138.63	15.06	9.75	2.75
610F36N160H4Z	60.00	36	480	2	72	158.63	15.06	9.75	2.75

12 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
612F48N40H4Z	20.00	48	480	1	24	38.50	1.94	11.75	2.88
612F48N48H4Z	24.00	48	480	1	29	46.00	1.94	11.75	2.88
612F48N52H4Z	24.00	48	480	1	29	50.00	3.94	11.75	2.88
612F48N61H4Z	33.25	48	480	1	40	59.50	3.94	11.75	2.88
612F48N68H4Z	33.25	48	480	1	40	66.50	10.94	11.75	2.88
612F48N80H4Z	44.25	48	480	2	53	77.00	8.94	11.75	2.88
612F48N88H4Z	50.00	48	480	2	60	87.00	3.94	11.75	2.88
612F48N95H4Z	50.00	48	480	2	60	94.00	10.94	11.75	2.88
612F48N120H4Z	60.00	48	480	2	72	118.50	12.44	11.75	2.88
612F54N120H4Z	67.50	54	480	3	81	118.50	12.44	11.75	2.88
612F48N140H4Z	70.00	48	480	2	84	138.50	14.94	11.75	2.88
612F54N140H4Z	78.75	54	480	3	95	138.50	14.94	11.75	2.88
612F48N160H4Z	80.00	48	480	2	96	158.50	14.94	11.75	2.88
612F54N160H4Z	90.00	54	480	3	108	158.50	14.94	11.75	2.88

14 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
614F60N80H4Z	55.50	60	480	2	67	76.88	8.81	13.00	3.00
614F60N88H4Z	62.50	60	480	2	75	86.88	3.81	13.00	3.00
614F60N95H4Z	62.50	60	480	2	75	93.88	10.81	13.00	3.00
614F72N80H4Z	66.50	72	480	2	80	76.88	8.81	13.00	3.00
614F54N120H4Z	67.50	54	480	3	81	118.38	12.31	13.00	3.00
614F72N88H4Z	75.00	72	480	2	90	86.88	3.81	13.00	3.00
614F72N95H4Z	75.00	72	480	2	90	93.88	10.81	13.00	3.00
614F60N120H4Z	75.00	60	480	2	90	118.38	12.31	13.00	3.00
614F54N140H4Z	78.75	54	480	3	95	138.38	14.81	13.00	3.00
614F72N120H4Z	90.00	72	480	3	108	118.38	12.31	13.00	3.00
614F54N160H4Z	90.00	54	480	3	108	158.38	14.81	13.00	3.00
614F60N160H4Z	100.00	60	480	5	120	158.38	14.81	13.00	3.00
614F72N140H4Z	105.00	72	480	3	126	138.38	14.81	13.00	3.00
614F72N160H4Z	120.00	72	480	3	144	158.38	14.81	13.00	3.00

16 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
616F84N80H4Z	77.50	84	480	2	93	76.63	8.56	15.00	3.25
616F90N80H4Z	83.25	90	480	3	100	76.63	8.56	15.00	3.25
616F96N80H4Z	88.75	96	480	4	107	76.63	8.56	15.00	3.25
616F90N88H4Z	93.75	90	480	3	113	86.63	3.56	15.00	3.25
616F90N95H4Z	93.75	90	480	3	113	93.63	10.56	15.00	3.25
616F96N88H4Z	100.00	96	480	4	120	86.63	3.56	15.00	3.25
616F96N95H4Z	100.00	96	480	4	120	93.63	10.56	15.00	3.25
616F90N120H4Z	112.50	90	480	3	135	118.13	12.06	15.00	3.25

600# Flanged Immersion Heaters - Type IF

616F96N120H4Z	120.00	96	480	4	144	118.13	12.06	15.00	3.25
616F90N140H4Z	131.00	90	480	5	158	138.13	14.56	15.00	3.25
616F96N140H4Z	140.00	96	480	4	168	138.13	14.56	15.00	3.25
616F84N160H4Z	140.00	84	480	7	168	158.13	14.56	15.00	3.25
616F90N160H4Z	150.00	90	480	5	180	158.13	14.56	15.00	3.25
616F96N160H4Z	160.00	96	480	4	192	158.13	14.56	15.00	3.25

18 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
618F108N88H4Z	112.50	108	480	3	135	86.38	3.31	17.00	3.50
618F108N95H4Z	112.50	108	480	3	135	93.38	10.31	17.00	3.50
618F108N120H4Z	135.00	108	480	6	162	117.88	11.81	17.00	3.50
618F108N140H4Z	157.50	108	480	6	189	137.88	14.31	17.00	3.50
618F108N160H4Z	180.00	108	480	6	217	157.88	14.31	17.00	3.50

20 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
620F120N88H4Z	125.00	120	480	4	150	86.13	3.06	19.00	3.75
620F120N95H4Z	125.00	120	480	4	150	93.13	10.06	19.00	3.75
620F144N88H4Z	150.00	144	480	4	180	86.13	3.06	19.00	3.75
620F144N95H4Z	150.00	144	480	4	180	93.13	10.06	19.00	3.75
620F120N120H4Z	150.00	120	480	4	180	117.63	11.56	19.00	3.75
620F126N120H4Z	157.50	126	480	7	189	117.63	11.56	19.00	3.75
620F120N140H4Z	175.00	120	480	5	210	137.63	14.06	19.00	3.75
620F144N120H4Z	180.00	144	480	6	217	117.63	11.56	19.00	3.75
620F126N140H4Z	183.50	126	480	7	221	137.63	14.06	19.00	3.75
620F180N88H4Z	187.50	180	480	5	226	86.13	3.06	19.00	3.75
620F180N95H4Z	187.50	180	480	5	226	93.13	10.06	19.00	3.75
620F120N160H4Z	200.00	120	480	5	241	157.63	14.06	19.00	3.75
620F162N120H4Z	202.50	162	480	9	244	117.63	11.56	19.00	3.75
620F144N140H4Z	210.00	144	480	6	253	137.63	14.06	19.00	3.75
620F126N160H4Z	210.00	126	480	7	253	157.63	14.06	19.00	3.75
620F132N160H4Z	220.00	132	480	11	265	157.63	14.06	19.00	3.75
620F180N120H4Z	225.00	180	480	6	271	117.63	11.56	19.00	3.75
620F162N140H4Z	236.00	162	480	9	284	137.63	14.06	19.00	3.75
620F144N160H4Z	240.00	144	480	6	289	157.63	14.06	19.00	3.75
620F180N140H4Z	262.50	180	480	10	316	137.63	14.06	19.00	3.75
620F162N160H4Z	270.00	162	480	9	325	157.63	14.06	19.00	3.75
620F180N160H4Z	300.00	180	480	10	361	157.63	14.06	19.00	3.75

24 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
624F192N88H4Z	200.00	192	480	8	241	85.63	2.56	23.00	4.25
624F192N95H4Z	200.00	192	480	8	241	92.63	9.56	23.00	4.25
624F216N88H4Z	225.00	216	480	6	271	85.63	2.56	23.00	4.25
624F216N95H4Z	225.00	216	480	6	271	92.63	9.56	23.00	4.25
624F192N120H4Z	240.00	192	480	8	289	117.13	11.06	23.00	4.25
624F240N88H4Z	250.00	240	480	8	301	85.63	2.56	23.00	4.25
624F240N95H4Z	250.00	240	480	8	301	92.63	9.56	23.00	4.25
624F216N120H4Z	270.00	216	480	9	325	117.13	11.06	23.00	4.25
624F192N140H4Z	280.00	192	480	8	337	137.13	13.56	23.00	4.25
624F234N120H4Z	292.50	234	480	13	352	117.13	11.06	23.00	4.25
624F240N120H4Z	300.00	240	480	8	361	117.13	11.06	23.00	4.25
624F216N140H4Z	315.00	216	480	9	379	137.13	13.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

624F192N160H4Z	320.00	192	480	8	385	157.13	13.56	23.00	4.25
624F234N140H4Z	341.00	234	480	13	410	137.13	13.56	23.00	4.25
624F240N140H4Z	350.00	240	480	10	421	137.13	13.56	23.00	4.25
624F216N160H4Z	360.00	216	480	12	433	157.13	13.56	23.00	4.25
624F234N160H4Z	390.00	234	480	13	469	157.13	13.56	23.00	4.25
624F240N160H4Z	400.00	240	480	10	481	157.13	13.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

3 Watts/Sq. Inch

4 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
64F6N44G4Z	1.50	6	480	1	2	43.63	10.06	3.83	1.75
64F6N56G4Z	2.00	6	480	1	2	55.63	10.06	3.83	1.75
64F6N67G4Z	2.50	6	480	1	3	66.63	10.06	3.83	1.75
64F6N80G4Z	3.00	6	480	1	4	79.63	12.06	3.83	1.75
64F6N100G4Z	3.75	6	480	1	5	99.63	12.06	3.83	1.75
64F6N120G4Z	4.75	6	480	1	6	119.63	12.06	3.83	1.75
64F6N111F4Z	5.00	6	480	1	6	110.63	16.06	3.83	1.75
64F6N140G4Z	5.50	6	480	1	7	139.63	16.06	3.83	1.75
64F6N160G4Z	6.50	6	480	1	8	159.63	16.06	3.83	1.75

6 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
66F12N44G4Z	3.00	12	480	1	4	43.25	9.69	5.76	2.13
66F12N56G4Z	4.00	12	480	1	5	55.25	9.69	5.76	2.13
66F12N67G4Z	5.00	12	480	1	6	66.25	9.69	5.76	2.13
66F12N80G4Z	6.00	12	480	1	7	79.25	11.69	5.76	2.13
66F12N100G4Z	7.50	12	480	1	9	99.25	11.69	5.76	2.13
66F12N120G4Z	9.50	12	480	1	11	119.25	11.69	5.76	2.13
66F12N111F4Z	10.00	12	480	1	12	110.25	15.69	5.76	2.13
66F12N140G4Z	11.00	12	480	1	13	139.25	15.69	5.76	2.13
66F12N160G4Z	13.00	12	480	1	16	159.25	15.69	5.76	2.13

8 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
68F18N44G4Z	4.50	18	480	1	5	42.94	9.38	7.63	2.44
68F24N44G4Z	6.00	24	480	1	7	42.94	9.38	7.63	2.44
68F18N56G4Z	6.00	18	480	1	7	54.94	9.38	7.63	2.44
68F18N67G4Z	7.50	18	480	1	9	65.94	9.38	7.63	2.44
68F24N56G4Z	8.00	24	480	1	10	54.94	9.38	7.63	2.44
68F18N80G4Z	9.00	18	480	1	11	78.94	11.38	7.63	2.44
68F24N67G4Z	10.00	24	480	1	12	65.94	9.38	7.63	2.44
68F18N100G4Z	11.25	18	480	1	14	98.94	11.38	7.63	2.44
68F24N80G4Z	12.00	24	480	1	14	78.94	11.38	7.63	2.44
68F18N120G4Z	14.25	18	480	1	17	118.94	11.38	7.63	2.44
68F24N100G4Z	15.00	24	480	1	18	98.94	11.38	7.63	2.44
68F18N140G4Z	16.50	18	480	1	20	138.94	15.38	7.63	2.44
68F24N120G4Z	19.00	24	480	1	23	118.94	11.38	7.63	2.44
68F18N160G4Z	19.50	18	480	1	23	158.94	15.38	7.63	2.44
68F24N140G4Z	22.00	24	480	1	26	138.94	15.38	7.63	2.44
68F24N160G4Z	26.00	24	480	1	31	158.94	15.38	7.63	2.44

10 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
610F30N44G4Z	7.50	30	480	1	9	42.63	9.06	9.75	2.75
610F36N44G4Z	9.00	36	480	1	11	42.63	9.06	9.75	2.75
610F30N56G4Z	10.00	30	480	1	12	54.63	9.06	9.75	2.75
610F36N56G4Z	12.00	36	480	1	14	54.63	9.06	9.75	2.75
610F30N67G4Z	12.50	30	480	1	15	65.63	9.06	9.75	2.75
610F36N67G4Z	15.00	36	480	1	18	65.63	9.06	9.75	2.75
610F30N80G4Z	15.00	30	480	1	18	78.63	11.06	9.75	2.75

600# Flanged Immersion Heaters - Type IF

610F36N80G4Z	18.00	36	480	1	22	78.63	11.06	9.75	2.75
610F30N100G4Z	18.75	30	480	1	23	98.63	11.06	9.75	2.75
610F36N100G4Z	22.50	36	480	1	27	98.63	11.06	9.75	2.75
610F30N120G4Z	23.75	30	480	1	29	118.63	11.06	9.75	2.75
610F30N140G4Z	27.50	30	480	1	33	138.63	15.06	9.75	2.75
610F36N120G4Z	28.50	36	480	1	34	118.63	11.06	9.75	2.75
610F30N160G4Z	32.50	30	480	1	39	158.63	15.06	9.75	2.75
610F36N140G4Z	33.00	36	480	1	40	138.63	15.06	9.75	2.75
610F36N160G4Z	39.00	36	480	1	47	158.63	15.06	9.75	2.75

12 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
612F48N44G4Z	12.00	48	480	1	14	42.50	8.94	11.75	2.88
612F48N56G4Z	16.00	48	480	1	19	54.50	8.94	11.75	2.88
612F48N67G4Z	20.00	48	480	1	24	65.50	8.94	11.75	2.88
612F48N80G4Z	24.00	48	480	1	29	78.50	10.94	11.75	2.88
612F54N80G4Z	27.00	54	480	1	32	78.50	10.94	11.75	2.88
612F48N100G4Z	30.00	48	480	1	36	98.50	10.94	11.75	2.88
612F54N100G4Z	33.75	54	480	1	41	98.50	10.94	11.75	2.88
612F48N120G4Z	38.00	48	480	1	46	118.50	10.94	11.75	2.88
612F48N140G4Z	44.00	48	480	2	53	138.50	14.94	11.75	2.88
612F48N160G4Z	52.00	48	480	2	63	158.50	14.94	11.75	2.88

14 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
614F54N80G4Z	27.00	54	480	1	32	78.38	10.81	13.00	3.00
614F60N80G4Z	30.00	60	480	1	36	78.38	10.81	13.00	3.00
614F54N100G4Z	33.75	54	480	1	41	98.38	10.81	13.00	3.00
614F72N80G4Z	36.00	72	480	1	43	78.38	10.81	13.00	3.00
614F60N100G4Z	37.50	60	480	1	45	98.38	10.81	13.00	3.00
614F72N100G4Z	45.00	72	480	2	54	98.38	10.81	13.00	3.00
614F60N120G4Z	47.50	60	480	2	57	118.38	10.81	13.00	3.00
614F60N140G4Z	55.00	60	480	2	66	138.38	14.81	13.00	3.00
614F72N120G4Z	57.00	72	480	2	69	118.38	10.81	13.00	3.00
614F60N160G4Z	65.00	60	480	2	78	158.38	14.81	13.00	3.00
614F72N140G4Z	66.00	72	480	2	79	138.38	14.81	13.00	3.00
614F72N160G4Z	78.00	72	480	2	94	158.38	14.81	13.00	3.00

16 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
616F84N80G4Z	42.00	84	480	2	51	78.13	10.56	15.00	3.25
616F96N80G4Z	48.00	96	480	2	58	78.13	10.56	15.00	3.25
616F84N100G4Z	52.50	84	480	2	63	98.13	10.56	15.00	3.25
616F96N100G4Z	60.00	96	480	2	72	98.13	10.56	15.00	3.25
616F84N120G4Z	66.50	84	480	2	80	118.13	10.56	15.00	3.25
616F90N120G4Z	71.25	90	480	3	86	118.13	10.56	15.00	3.25
616F96N120G4Z	76.00	96	480	2	91	118.13	10.56	15.00	3.25
616F84N140G4Z	77.00	84	480	2	93	138.13	14.56	15.00	3.25
616F90N140G4Z	82.50	90	480	3	99	138.13	14.56	15.00	3.25
616F96N140G4Z	88.00	96	480	4	106	138.13	14.56	15.00	3.25
616F90N160G4Z	97.50	90	480	3	117	158.13	14.56	15.00	3.25
616F96N160G4Z	104.00	96	480	4	125	158.13	14.56	15.00	3.25

18 Inch Heaters

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600# Flanged Immersion Heaters - Type IF

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
618F108N100G4Z	67.50	108	480	2	81	97.88	10.31	17.00	3.50
618F108N120G4Z	85.50	108	480	3	103	117.88	10.31	17.00	3.50
618F108N140G4Z	99.00	108	480	3	119	137.88	14.31	17.00	3.50
618F108N160G4Z	117.00	108	480	3	141	157.88	14.31	17.00	3.50

20 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
620F120N100G4Z	75.00	120	480	2	90	97.63	10.06	19.00	3.75
620F126N100G4Z	78.75	126	480	3	95	97.63	10.06	19.00	3.75
620F144N100G4Z	90.00	144	480	3	108	97.63	10.06	19.00	3.75
620F120N120G4Z	95.00	120	480	4	114	117.63	10.06	19.00	3.75
620F126N120G4Z	99.75	126	480	3	120	117.63	10.06	19.00	3.75
620F162N100G4Z	101.00	162	480	3	121	97.63	10.06	19.00	3.75
620F120N140G4Z	110.00	120	480	4	132	137.63	14.06	19.00	3.75
620F180N100G4Z	112.50	180	480	3	135	97.63	10.06	19.00	3.75
620F144N120G4Z	114.00	144	480	3	137	117.63	10.06	19.00	3.75
620F126N140G4Z	115.50	126	480	3	139	137.63	14.06	19.00	3.75
620F120N160G4Z	130.00	120	480	4	156	157.63	14.06	19.00	3.75
620F144N140G4Z	132.00	144	480	4	159	137.63	14.06	19.00	3.75
620F180N120G4Z	142.50	180	480	5	171	117.63	10.06	19.00	3.75
620F144N160G4Z	156.00	144	480	4	188	157.63	14.06	19.00	3.75
620F180N140G4Z	165.00	180	480	5	198	137.63	14.06	19.00	3.75
620F180N160G4Z	195.00	180	480	5	235	157.63	14.06	19.00	3.75

24 Inch Heaters

<u>Part Number</u>	<u>kW</u>	<u>No. Ele.</u>	<u>Volts</u>	<u>Circuits</u>	<u>Amps</u>	<u>OAL</u>	<u>CL</u>	<u>ID</u>	<u>FT</u>
624F192N100G4Z	120.00	192	480	4	144	97.13	9.56	23.00	4.25
624F216N100G4Z	135.00	216	480	4	162	97.13	9.56	23.00	4.25
624F240N100G4Z	150.00	240	480	4	180	97.13	9.56	23.00	4.25
624F192N120G4Z	152.00	192	480	4	183	117.13	9.56	23.00	4.25
624F216N120G4Z	171.00	216	480	6	206	117.13	9.56	23.00	4.25
624F192N140G4Z	176.00	192	480	8	212	137.13	13.56	23.00	4.25
624F240N120G4Z	190.00	240	480	8	229	117.13	9.56	23.00	4.25
624F216N140G4Z	198.00	216	480	6	238	137.13	13.56	23.00	4.25
624F192N160G4Z	208.00	192	480	8	250	157.13	13.56	23.00	4.25
624F240N140G4Z	220.00	240	480	8	265	137.13	13.56	23.00	4.25
624F216N160G4Z	234.00	216	480	6	281	157.13	13.56	23.00	4.25
624F240N160G4Z	260.00	240	480	8	313	157.13	13.56	23.00	4.25

600# Flanged Immersion Heaters - Type IF

2 Watts/Sq. Inch

4 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
64F6N10M2Z	0.25	6	240	1	1	9.63	3.06	3.83	1.75
64F6N13M4Z	0.38	6	480	1	0	12.63	3.06	3.83	1.75
64F6N18M2Z	0.50	6	240	1	1	17.13	3.06	3.83	1.75
64F6N18M4Z	0.50	6	480	1	1	17.13	3.06	3.83	1.75
64F6N20M2Z	0.63	6	240	1	2	19.13	3.06	3.83	1.75
64F6N20M4Z	0.63	6	480	1	1	19.63	3.06	3.83	1.75
64F6N25M4Z	0.75	6	480	1	1	24.63	3.06	3.83	1.75
64F6N25M2Z	0.75	6	240	1	2	24.63	3.06	3.83	1.75
64F6N33M4Z	1.00	6	480	1	1	32.13	3.06	3.83	1.75
64F6N40M2Z	1.25	6	240	1	3	39.63	3.06	3.83	1.75
64F6N40M4Z	1.25	6	480	1	2	39.63	3.06	3.83	1.75
64F6N48M4Z	1.50	6	480	1	2	47.13	3.06	3.83	1.75
64F6N52M4Z	1.63	6	480	1	2	51.13	5.06	3.83	1.75
64F6N52M2Z	1.63	6	240	1	4	51.13	5.06	3.83	1.75
64F6N59M4Z	1.63	6	480	1	2	57.13	12.06	3.83	1.75
64F6N64M2Z	2.13	6	240	1	5	63.63	5.06	3.83	1.75
64F6N64M4Z	2.13	6	480	1	3	63.63	5.06	3.83	1.75
64F6N73M4Z	2.13	6	480	1	3	71.13	16.06	3.83	1.75
64F6N77M2Z	2.50	6	240	1	6	76.13	5.06	3.83	1.75
64F6N77M4Z	2.50	6	480	1	3	76.13	5.06	3.83	1.75
64F6N88M4Z	2.75	6	480	1	3	88.13	5.06	3.83	1.75
64F6N95M4Z	2.75	6	480	1	3	93.13	12.06	3.83	1.75
64F6N106M4Z	3.13	6	480	1	4	105.63	12.06	3.83	1.75
64F6N120M4Z	3.88	6	480	1	5	119.63	12.06	3.83	1.75
64F6N140M4Z	4.38	6	480	1	5	139.63	16.06	3.83	1.75
64F6N160M4Z	5.00	6	480	1	6	159.63	16.06	3.83	1.75

6 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
66F12N10M2Z	0.50	12	240	1	1	9.25	2.69	5.76	2.13
66F12N13M4Z	0.75	12	480	1	1	12.25	2.69	5.76	2.13
66F12N18M2Z	1.00	12	240	1	2	16.75	2.69	5.76	2.13
66F12N18M4Z	1.00	12	480	1	1	16.75	2.69	5.76	2.13
66F12N20M2Z	1.25	12	240	1	3	18.75	2.69	5.76	2.13
66F12N20M4Z	1.25	12	480	1	2	19.25	2.69	5.76	2.13
66F12N25M2Z	1.50	12	240	1	4	24.25	2.69	5.76	2.13
66F12N25M4Z	1.50	12	480	1	2	24.25	2.69	5.76	2.13
66F12N33M4Z	2.00	12	480	1	2	31.75	2.69	5.76	2.13
66F12N40M2Z	2.50	12	240	1	6	39.25	2.69	5.76	2.13
66F12N40M4Z	2.50	12	480	1	3	39.25	2.69	5.76	2.13
66F12N48M4Z	3.00	12	480	1	4	46.75	2.69	5.76	2.13
66F12N52M4Z	3.25	12	480	1	4	50.75	4.69	5.76	2.13
66F12N52M2Z	3.25	12	240	1	8	50.75	4.69	5.76	2.13
66F12N59M4Z	3.25	12	480	1	4	56.75	11.69	5.76	2.13
66F12N64M4Z	4.25	12	480	1	5	63.25	4.69	5.76	2.13
66F12N64M2Z	4.25	12	240	1	10	63.25	4.69	5.76	2.13
66F12N73M4Z	4.25	12	480	1	5	70.75	15.69	5.76	2.13
66F12N77M2Z	5.00	12	240	1	12	75.75	4.69	5.76	2.13
66F12N77M4Z	5.00	12	480	1	6	75.75	4.69	5.76	2.13
66F12N88M4Z	5.50	12	480	1	7	87.75	4.69	5.76	2.13

600# Flanged Immersion Heaters - Type IF

66F12N95M4Z	5.50	12	480	1	7	92.75	11.69	5.76	2.13
66F12N106M4Z	6.25	12	480	1	8	105.25	11.69	5.76	2.13
66F12N120M4Z	7.75	12	480	1	9	119.25	11.69	5.76	2.13
66F12N140M4Z	8.75	12	480	1	11	139.25	15.69	5.76	2.13
66F12N160M4Z	10.00	12	480	1	12	159.25	15.69	5.76	2.13

8 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
68F18N13M4Z	1.13	18	480	1	1	11.94	2.38	7.63	2.44
68F24N13M4Z	1.50	24	480	1	2	11.94	2.38	7.63	2.44
68F18N18M4Z	1.50	18	480	1	2	16.44	2.38	7.63	2.44
68F18N20M4Z	1.88	18	480	1	2	18.94	2.38	7.63	2.44
68F24N18M4Z	2.00	24	480	1	2	16.44	2.38	7.63	2.44
68F18N25M4Z	2.25	18	480	1	3	23.94	2.38	7.63	2.44
68F24N20M4Z	2.50	24	480	1	3	18.94	2.38	7.63	2.44
68F24N25M4Z	3.00	24	480	1	4	23.94	2.38	7.63	2.44
68F18N33M4Z	3.00	18	480	1	4	31.44	2.38	7.63	2.44
68F18N40M4Z	3.75	18	480	1	5	38.94	2.38	7.63	2.44
68F24N33M4Z	4.00	24	480	1	5	31.44	2.38	7.63	2.44
68F18N48M4Z	4.50	18	480	1	5	46.44	2.38	7.63	2.44
68F24N40M4Z	5.00	24	480	1	6	38.94	2.38	7.63	2.44
68F18N52M4Z	5.00	18	480	1	6	50.44	4.38	7.63	2.44
68F18N59M4Z	5.00	18	480	1	6	56.44	11.38	7.63	2.44
68F24N48M4Z	6.00	24	480	1	7	46.44	2.38	7.63	2.44
68F18N64M4Z	6.38	18	480	1	8	62.94	4.38	7.63	2.44
68F18N73M4Z	6.38	18	480	1	8	70.44	15.38	7.63	2.44
68F24N52M4Z	6.63	24	480	1	8	50.44	4.38	7.63	2.44
68F24N59M4Z	6.63	24	480	1	8	56.44	11.38	7.63	2.44
68F18N77M4Z	7.50	18	480	1	9	75.44	4.38	7.63	2.44
68F18N88M4Z	8.38	18	480	1	10	87.44	4.38	7.63	2.44
68F18N95M4Z	8.38	18	480	1	10	92.44	11.38	7.63	2.44
68F24N64M4Z	8.50	24	480	1	10	62.94	4.38	7.63	2.44
68F24N73M4Z	8.50	24	480	1	10	70.44	15.38	7.63	2.44
68F18N106M4Z	9.38	18	480	1	11	104.94	11.38	7.63	2.44
68F24N77M4Z	10.00	24	480	1	12	75.44	4.38	7.63	2.44
68F24N88M4Z	11.00	24	480	1	13	87.44	4.38	7.63	2.44
68F24N95M4Z	11.00	24	480	1	13	92.44	11.38	7.63	2.44
68F18N120M4Z	11.50	18	480	1	14	118.94	11.38	7.63	2.44
68F24N106M4Z	12.50	24	480	1	15	104.94	11.38	7.63	2.44
68F18N140M4Z	13.00	18	480	1	16	138.94	15.38	7.63	2.44
68F18N160M4Z	15.00	18	480	1	18	158.94	15.38	7.63	2.44
68F24N120M4Z	15.50	24	480	1	19	118.94	11.38	7.63	2.44
68F24N140M4Z	17.50	24	480	1	21	138.94	15.38	7.63	2.44
68F24N160M4Z	20.00	24	480	1	24	158.94	15.38	7.63	2.44

10 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
610F30N13M4Z	1.88	30	480	1	2	11.63	2.06	9.75	2.75
610F36N13M4Z	2.25	36	480	1	3	11.63	2.06	9.75	2.75
610F30N18M4Z	2.50	30	480	1	3	16.13	2.06	9.75	2.75
610F36N18M4Z	3.00	36	480	1	4	16.13	2.06	9.75	2.75
610F30N20M4Z	3.13	30	480	1	4	18.63	2.06	9.75	2.75
610F36N20M4Z	3.75	36	480	1	5	18.63	2.06	9.75	2.75
610F30N25M4Z	3.75	30	480	1	5	23.63	2.06	9.75	2.75

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610F36N25M4Z	4.50	36	480	1	5	23.63	2.06	9.75	2.75
610F30N33M4Z	5.00	30	480	1	6	31.13	2.06	9.75	2.75
610F36N33M4Z	6.00	36	480	1	7	31.13	2.06	9.75	2.75
610F30N40M4Z	6.25	30	480	1	8	38.63	2.06	9.75	2.75
610F36N40M4Z	7.50	36	480	1	9	38.63	2.06	9.75	2.75
610F30N48M4Z	7.50	30	480	1	9	46.13	2.06	9.75	2.75
610F30N52M4Z	8.25	30	480	1	10	50.13	4.06	9.75	2.75
610F30N59M4Z	8.25	30	480	1	10	56.13	11.06	9.75	2.75
610F36N48M4Z	9.00	36	480	1	11	46.13	2.06	9.75	2.75
610F36N52M4Z	10.00	36	480	1	12	50.13	4.06	9.75	2.75
610F36N59M4Z	10.00	36	480	1	12	56.13	11.06	9.75	2.75
610F30N64M4Z	10.50	30	480	1	13	62.63	4.06	9.75	2.75
610F30N73M4Z	10.50	30	480	1	13	70.13	15.06	9.75	2.75
610F30N77M4Z	12.50	30	480	1	15	75.13	4.06	9.75	2.75
610F36N64M4Z	12.75	36	480	1	15	62.63	4.06	9.75	2.75
610F36N73M4Z	12.75	36	480	1	15	70.13	15.06	9.75	2.75
610F30N88M4Z	14.00	30	480	1	17	87.13	4.06	9.75	2.75
610F30N95M4Z	14.00	30	480	1	17	92.13	11.06	9.75	2.75
610F36N77M4Z	15.00	36	480	1	18	75.13	4.06	9.75	2.75
610F30N106M4Z	15.75	30	480	1	19	104.63	11.06	9.75	2.75
610F36N88M4Z	16.75	36	480	1	20	87.13	4.06	9.75	2.75
610F36N95M4Z	16.75	36	480	1	20	92.13	11.06	9.75	2.75
610F36N106M4Z	18.75	36	480	1	23	104.63	11.06	9.75	2.75
610F30N120M4Z	19.50	30	480	1	23	118.63	11.06	9.75	2.75
610F30N140M4Z	21.75	30	480	1	26	138.63	15.06	9.75	2.75
610F36N120M4Z	23.25	36	480	1	28	118.63	11.06	9.75	2.75
610F30N160M4Z	25.00	30	480	1	30	158.63	15.06	9.75	2.75
610F36N140M4Z	26.25	36	480	1	32	138.63	15.06	9.75	2.75
610F36N160M4Z	30.00	36	480	1	36	158.63	15.06	9.75	2.75

12 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
612F48N40M4Z	10.00	48	480	1	12	38.50	1.94	11.75	2.88
612F48N48M4Z	12.00	48	480	1	14	46.00	1.94	11.75	2.88
612F48N52M4Z	13.25	48	480	1	16	50.00	3.94	11.75	2.88
612F48N59M4Z	13.25	48	480	1	16	56.00	10.94	11.75	2.88
612F48N64M4Z	17.00	48	480	1	20	62.50	3.94	11.75	2.88
612F48N73M4Z	17.00	48	480	1	20	70.00	14.94	11.75	2.88
612F48N77M4Z	20.00	48	480	1	24	75.00	3.94	11.75	2.88
612F48N88M4Z	22.25	48	480	1	27	87.00	3.94	11.75	2.88
612F48N95M4Z	22.25	48	480	1	27	92.00	10.94	11.75	2.88
612F54N88M4Z	25.00	54	480	1	30	87.00	3.94	11.75	2.88
612F54N95M4Z	25.00	54	480	1	30	92.00	10.94	11.75	2.88
612F48N106M4Z	25.00	48	480	1	30	104.50	10.94	11.75	2.88
612F54N106M4Z	28.25	54	480	1	34	104.50	10.94	11.75	2.88
612F48N120M4Z	31.00	48	480	1	37	118.50	10.94	11.75	2.88
612F54N120M4Z	35.00	54	480	1	42	118.50	10.94	11.75	2.88
612F48N140M4Z	35.00	48	480	1	42	138.50	14.94	11.75	2.88
612F54N140M4Z	39.25	54	480	1	47	138.50	14.94	11.75	2.88
612F48N160M4Z	40.00	48	480	1	48	158.50	14.94	11.75	2.88

14 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
614F54N88M4Z	25.00	54	480	1	30	86.88	3.81	13.00	3.00

600# Flanged Immersion Heaters - Type IF

614F54N95M4Z	25.00	54	480	1	30	91.88	10.81	13.00	3.00
614F60N88M4Z	28.00	60	480	1	34	86.88	3.81	13.00	3.00
614F60N95M4Z	28.00	60	480	1	34	91.88	10.81	13.00	3.00
614F54N106M4Z	28.25	54	480	1	34	104.38	10.81	13.00	3.00
614F60N106M4Z	31.50	60	480	1	38	104.38	10.81	13.00	3.00
614F72N88M4Z	33.50	72	480	1	40	86.88	3.81	13.00	3.00
614F72N95M4Z	33.50	72	480	1	40	91.88	10.81	13.00	3.00
614F54N120M4Z	35.00	54	480	1	42	118.38	10.81	13.00	3.00
614F72N106M4Z	37.75	72	480	1	45	104.38	10.81	13.00	3.00
614F60N120M4Z	39.00	60	480	1	47	118.38	10.81	13.00	3.00
614F54N140M4Z	39.25	54	480	1	47	138.38	14.81	13.00	3.00
614F60N140M4Z	43.75	60	480	2	53	138.38	14.81	13.00	3.00
614F72N120M4Z	46.75	72	480	2	56	118.38	10.81	13.00	3.00
614F60N160M4Z	50.00	60	480	2	60	158.38	14.81	13.00	3.00
614F72N140M4Z	52.50	72	480	2	63	138.38	14.81	13.00	3.00
614F72N160M4Z	60.00	72	480	2	72	158.38	14.81	13.00	3.00

16 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
616F84N88M4Z	39.00	84	480	1	47	86.63	3.56	15.00	3.25
616F84N95M4Z	39.00	84	480	1	47	91.63	10.56	15.00	3.25
616F84N106M4Z	44.00	84	480	2	53	104.13	10.56	15.00	3.25
616F96N88M4Z	44.75	96	480	2	54	86.63	3.56	15.00	3.25
616F96N95M4Z	44.75	96	480	2	54	91.63	10.56	15.00	3.25
616F96N106M4Z	50.25	96	480	2	60	104.13	10.56	15.00	3.25
616F84N120M4Z	54.50	84	480	2	66	118.13	10.56	15.00	3.25
616F84N140M4Z	61.25	84	480	2	74	138.13	14.56	15.00	3.25
616F96N120M4Z	62.25	96	480	2	75	118.13	10.56	15.00	3.25
616F90N140M4Z	65.50	90	480	3	79	138.13	14.56	15.00	3.25
616F96N140M4Z	70.00	96	480	2	84	138.13	14.56	15.00	3.25
616F84N160M4Z	70.00	84	480	2	84	158.13	14.56	15.00	3.25
616F90N160M4Z	75.00	90	480	3	90	158.13	14.56	15.00	3.25
616F96N160M4Z	80.00	96	480	2	96	158.13	14.56	15.00	3.25

18 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
618F108N88M4Z	50.25	108	480	2	60	86.38	3.31	17.00	3.50
618F108N95M4Z	50.25	108	480	2	60	91.38	10.31	17.00	3.50
618F108N106M4Z	56.50	108	480	2	68	103.88	10.31	17.00	3.50
618F108N120M4Z	70.00	108	480	2	84	117.88	10.31	17.00	3.50
618F108N140M4Z	78.75	108	480	2	95	137.88	14.31	17.00	3.50
618F108N160M4Z	90.00	108	480	3	108	157.88	14.31	17.00	3.50

20 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
620F120N88M4Z	56.00	120	480	2	67	86.13	3.06	19.00	3.75
620F120N95M4Z	56.00	120	480	2	67	91.13	10.06	19.00	3.75
620F132N88M4Z	61.50	132	480	2	74	86.13	3.06	19.00	3.75
620F132N95M4Z	61.50	132	480	2	74	91.13	10.06	19.00	3.75
620F120N106M4Z	63.00	120	480	2	76	103.63	10.06	19.00	3.75
620F126N106M4Z	66.00	126	480	3	79	103.63	10.06	19.00	3.75
620F144N88M4Z	67.00	144	480	2	81	86.13	3.06	19.00	3.75
620F144N95M4Z	67.00	144	480	2	81	91.13	10.06	19.00	3.75
620F132N106M4Z	69.25	132	480	2	83	103.63	10.06	19.00	3.75

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620F162N88M4Z	75.50	162	480	3	91	86.13	3.06	19.00	3.75
620F162N95M4Z	75.50	162	480	3	91	91.13	10.06	19.00	3.75
620F144N106M4Z	75.50	144	480	2	91	103.63	10.06	19.00	3.75
620F120N120M4Z	78.00	120	480	2	94	117.63	10.06	19.00	3.75
620F126N120M4Z	81.75	126	480	3	98	117.63	10.06	19.00	3.75
620F180N88M4Z	84.00	180	480	3	101	86.13	3.06	19.00	3.75
620F180N95M4Z	84.00	180	480	3	101	91.13	10.06	19.00	3.75
620F162N106M4Z	85.00	162	480	3	102	103.63	10.06	19.00	3.75
620F120N140M4Z	87.50	120	480	4	105	137.63	14.06	19.00	3.75
620F126N140M4Z	91.75	126	480	3	110	137.63	14.06	19.00	3.75
620F144N120M4Z	93.50	144	480	3	112	117.63	10.06	19.00	3.75
620F180N106M4Z	94.50	180	480	3	114	103.63	10.06	19.00	3.75
620F120N160M4Z	100.00	120	480	4	120	157.63	14.06	19.00	3.75
620F162N120M4Z	105.00	162	480	3	126	117.63	10.06	19.00	3.75
620F144N140M4Z	105.00	144	480	3	126	137.63	14.06	19.00	3.75
620F126N160M4Z	105.00	126	480	3	126	157.63	14.06	19.00	3.75
620F180N120M4Z	117.00	180	480	3	141	117.63	10.06	19.00	3.75
620F162N140M4Z	118.00	162	480	3	142	137.63	14.06	19.00	3.75
620F144N160M4Z	120.00	144	480	3	144	157.63	14.06	19.00	3.75
620F180N140M4Z	131.00	180	480	5	158	137.63	14.06	19.00	3.75
620F180N160M4Z	150.00	180	480	5	180	157.63	14.06	19.00	3.75

24 Inch Heaters

Part Number	kW	No. Ele.	Volts	Circuits	Amps	OAL	CL	ID	FT
624F192N88M4Z	89.50	192	480	4	108	85.63	2.56	23.00	4.25
624F192N95M4Z	89.50	192	480	4	108	90.63	9.56	23.00	4.25
624F216N88M4Z	100.50	216	480	3	121	85.63	2.56	23.00	4.25
624F216N95M4Z	100.50	216	480	3	121	90.63	9.56	23.00	4.25
624F192N106M4Z	100.50	192	480	4	121	103.13	9.56	23.00	4.25
624F234N88M4Z	109.00	234	480	3	131	85.63	2.56	23.00	4.25
624F234N95M4Z	109.00	234	480	3	131	90.63	9.56	23.00	4.25
624F240N88M4Z	112.00	240	480	4	135	85.63	2.56	23.00	4.25
624F240N95M4Z	112.00	240	480	4	135	90.63	9.56	23.00	4.25
624F216N106M4Z	113.00	216	480	3	136	103.13	9.56	23.00	4.25
624F192N120M4Z	124.50	192	480	4	150	117.13	9.56	23.00	4.25
624F240N106M4Z	126.00	240	480	4	152	103.13	9.56	23.00	4.25
624F216N120M4Z	140.00	216	480	4	168	117.13	9.56	23.00	4.25
624F192N140M4Z	140.00	192	480	4	168	137.13	13.56	23.00	4.25
624F240N120M4Z	156.00	240	480	4	188	117.13	9.56	23.00	4.25
624F216N140M4Z	157.50	216	480	4	189	137.13	13.56	23.00	4.25
624F192N160M4Z	160.00	192	480	4	192	157.13	13.56	23.00	4.25
624F240N140M4Z	175.00	240	480	8	210	137.13	13.56	23.00	4.25
624F216N160M4Z	180.00	216	480	6	217	157.13	13.56	23.00	4.25
624F240N160M4Z	200.00	240	480	8	241	157.13	13.56	23.00	4.25