



**POWER-FIN[®] WATER HEATER
(PF) PRODUCT SUMMARY**

500,000 – 2,000,000 Btu/hr

POWER-FIN® GAS WATER HEATER (PF MODELS)

	PF-0501	PF-0751	PF-1001	PF-1300	PF1500	PF1700	PF2000
WATER							
GALLON CAPACITY	3.5	4	4.5	5	5.5	5.75	6
WATER CONNECTIONS	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"
DRAIN (TWO)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
WATER FLOW RATE (GPM)	75	75	75	75	90	90	90
HEX HEAD LOSS (FT. OF HEAD)	7.2	7.5	7.8	9.5	10.5	11.8	12.4
MAX. WORKING PRESSURE (PSI)	150	150	150	150	150	150	150
MAX. WATER HARDNESS (GRAINS)	25	25	25	25	25	25	25
GPH @ 70°F RISE	736	1,104	1,472	1,913	2,260	2,561	3,013
GPH @ 100°F RISE	515	773	1,030	1,339	1,582	1,793	2,109
GPH @ 140°F RISE	368	552	736	957	1,130	1,281	1,506
RELIEF VALVE SIZE (MBH)	1,912	1,912	1,912	1,912	2,155	2,155	2,155
# OF RELIEF VALVES	1	1	1	1	1	1	1
RELIEF VALVE SIZE	3/4"	3/4"	3/4"	3/4"	1"	1"	1"
TEMPERATURE RATING (°F)	210	210	210	210	210	210	210
PRESSURE RATING (PSI)	150	150	150	150	150	150	150
HEATING SURFACE (SQ. FT.)	58.7	88.2	116.0	149.2	156.0	178.0	209.0
GAS							
INLET CONNECTION	1"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	1-1/2"	1-1/2"
MAX. INLET PRESSURE, NAT (WC)	10.5	10.5	10.5	10.5	10.5	10.5	10.5
MIN. INLET PRESSURE, NAT (WC)	4	4	4	4	4	4	4
MANIFOLD PRESSURE, NAT (WC)	3.5	3.5	3.5	3.5	3.5	3.5	3.5
MAX. INLET PRESSURE, LP (WC)	13	13	13	13	13	13	13
MIN. INLET PRESSURE, LP (WC)	11	11	11	11	4	4	4
MANIFOLD PRESSURE, LP (WC)	10	10	10	10	3.5	3.5	3.5
BTU/HR INPUT	500,000	750,000	1,000,000	1,300,000	1,500,000	1,700,000	2,000,000
ELECTRICAL							
VOLTAGE/HEATER	120	120	120	120	120	120	120
VOLTAGE/CONTROL	24	24	24	24	24	24	24
VOLTAGE/PUMP	120	120	120	120	120	120	120
TOTAL AMPS W/ PUMP	16.5	16.5	16.5	16.5	15.5	15.5	15.5
# OF ELECTRICAL CONNECTIONS	2	2	2	2	2	2	2
DIMENSIONS (INCHES)							
HEIGHT	44-1/2"	52-1/4"	59-1/4"	67-3/4"	66-3/4"	71-1/4"	78"
WIDTH	23-1/4"	23-1/4"	23-1/4"	23-1/4"	27"	27"	27"
DEPTH (INCLUDES PUMP)	53"	53"	53"	53"	50-1/4"	50-1/4"	50-1/4"
SERVICE CLEARANCES (INCHES)							
FRONT	24"	24"	24"	24"	24"	24"	24"
BACK (PIPING)	24"	24"	24"	24"	24"	24"	24"
RIGHT SIDE	0	0	0	0	0	0	0
LEFT SIDE	0	0	0	0	0	0	0
TOP	24"	24"	24"	24"	24"	24"	24"
VENTING							
SIZE (INCHES)	7"	9"	10"	12"	8"	8"	10"
REDUCER VENT	4"	5"	6"	8"	---	---	---
CATEGORY	I / II&IV	I / II&IV	I / II&IV	I / II&IV	IV	IV	IV
MAX. DRAFT (WC)	-0.08	-0.08	-0.08	-0.08	---	---	---
MIN. DRAFT (WC)	-0.02	-0.02	-0.02	-0.02	---	---	---
VENT MATERIAL	B-VENT / AL29-4C	B-VENT / AL29-4C	B-VENT / AL29-4C	B-VENT / AL29-4C	AL29-4C	AL29-4C	AL29-4C



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