



# POWER-FIN<sup>®</sup> WATER HEATER PRODUCT SUMMARY

(PF) 500,000 - 2,000,000 BTU/HR (5:1 Turndown)

	PF-0502 (M9)	PF-0752 (M9)	PF-1002 (M9)	PF-1302 (M9)	PF-1501 (M9)	PF-1701 (M9)	PF-2001 (M9)
<b>WATER</b>							
GALLON CAPACITY	3.5	4.0	4.5	5.0	5.5	5.8	6.0
HEATING SURFACE (SQ. FT.)	58.7	88.2	116.0	149.2	156.8	177.8	209.4
WATER CONNECTIONS	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"
DRAIN	2 @ 3/4"	2 @ 3/4"	2 @ 3/4"	2 @ 3/4"	2 @ 3/4"	2 @ 3/4"	2 @ 3/4"
MAX. WATER FLOW RATE (GPM)	75	75	75	75	90	90	90
HEAD LOSS (FT. OF HD.)	7.2	7.5	7.8	9.5	10.5	11.8	12.4
MAX. WORKING PRESSURE (PSI)	160	160	160	160	160	160	160
MAX. WATER HARDNESS (GRAINS)	25	25	25	25	25	25	25
GPH @ 70°F RISE	748	1,122	1,496	1,961	2,260	2,561	3,013
GPH @ 100°F RISE	527	791	1,054	1,371	1,582	1,793	2,109
GPH @ 140°F RISE	380	570	760	1,005	1,130	1,281	1,506
# OF RELIEF VALVES	1	1	1	1	1	1	1
RELIEF VALVE SIZE	3/4"	3/4"	3/4"	3/4"	1"	1"	1"
RELIEF VALVE RATING (MBH)	1,912	1,912	1,912	1,912	2,155	2,155	2,155
RELIEF VALVE PRESSURE RATING (PSI)	150	150	150	150	150	150	150
RELIEF VALVE TEMPERATURE RATING (°F)	210	210	210	210	210	210	210
<b>GAS</b>							
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	10.5" w.c.	10.5" w.c.	10.5" w.c.	10.5" w.c.	14.0" w.c.	14.0" w.c.	14.0" w.c.
MIN. INLET PRESSURE, NAT	3.2" w.c.	3.2" w.c.	3.2" w.c.	3.2" w.c.	4.0" w.c.	4.0" w.c.	4.0" w.c.
MANIFOLD PRESSURE, NAT	-8.3" w.c.	-4.6" w.c.	-7.1" w.c.	-6.8" w.c.	-4.1" w.c.	-5.1" w.c.	-4.0" w.c.
MAX. INLET PRESSURE, LP	13.0" w.c.	13.0" w.c.	13.0" w.c.	13.0" w.c.	14.0" w.c.	14.0" w.c.	14.0" w.c.
MIN. INLET PRESSURE, LP	11.0" w.c.	11.0" w.c.	11.0" w.c.	11.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.
MANIFOLD PRESSURE, LP	-9.7" w.c.	-5.5" w.c.	-9.3" w.c.	-9.5" w.c.	-2.3" w.c.	-2.6" w.c.	-2.4" w.c.
BTU/HR INPUT	500,000	750,000	1,000,000	1,300,000	1,500,000	1,700,000	2,000,000
<b>ELECTRICAL</b>							
VOLTAGE/HEATER	120	120	120	120	120	120	120
VOLTAGE/PUMP	120	120	120	120	120	120	120
VOLTAGE/CONTROL	24	24	24	24	24	24	24
TOTAL AMPS W/PUMP	15.5	15.5	15.5	15.5	15.3	15.3	15.3
# OF ELECTRICAL CONNECTIONS	1	1	1	1	1	1	1
<b>DIMENSIONS</b>							
HEIGHT	44-1/2"	52-1/4"	59-1/4"	67-3/4"	65-1/2"	70"	76-3/4"
WIDTH	23-1/4"	23-1/4"	23-1/4"	23-1/4"	27-1/4"	27-1/4"	27-1/4"
DEPTH (INCLUDES PUMP)	42-3/4"	42-3/4"	42-3/4"	42-3/4"	56"	56"	56"
<b>SERVICE CLEARANCES</b>							
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"
<b>VENTING</b>							
SIZE	7" / 4"	9" / 5"	10" / 6"	12" / 8"	8" / 6"	9" / 7"	10" / 8"
VENT CATEGORY	II / IV	II / IV	II / IV	II / IV	II / IV	II / IV	II / IV
VENT MATERIAL	AL29-4C	AL29-4C	AL29-4C	AL29-4C	AL29-4C	AL29-4C	AL29-4C

Lochinvar Corporation • 300 Maddox Simpson Pkwy • Lebanon, TN 37090 • 615-889-8900 / Fax: 615-547-1000  
www.Lochinvar.com

PFX-PS-02 (Replaces PFX-PS-01 10/07)

11/07-Printed in U.S.A.



# POWER-FIN<sup>®</sup> WATER HEATER PRODUCT SUMMARY

(PF) 500,000 - 2,000,000 BTU/HR

	PF-0502 (F9)	PF-0752 (F9)	PF-1002 (F9)	PF-1302 (F9)	PF-1501 (B9)	PF-1701 (B9)	PF-2001 (B9)
<b>WATER</b>							
GALLON CAPACITY	3.5	4.0	4.5	5.0	5.5	5.8	6.0
HEATING SURFACE (SQ. FT.)	58.7	88.2	116.0	149.2	156.8	177.8	209.4
WATER CONNECTIONS	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"
DRAIN	2 @ 3/4"	2 @ 3/4"	2 @ 3/4"	2 @ 3/4"	2 @ 3/4"	2 @ 3/4"	2 @ 3/4"
MAX. WATER FLOW RATE (GPM)	75	75	75	75	90	90	90
HEAD LOSS (FT. OF HD.)	7.2	7.5	7.8	9.5	10.5	11.8	12.4
MAX. WORKING PRESSURE (PSI)	160	160	160	160	160	160	160
MAX. WATER HARDNESS (GRAINS)	25	25	25	25	25	25	25
GPH @ 70°F RISE	736	1,104	1,472	1,913	2,205	2,501	2,940
GPH @ 100°F RISE	515	773	1,030	1,323	1,527	1,731	2,036
GPH @ 140°F RISE	368	552	736	957	1,075	1,219	1,433
# OF RELIEF VALVES	1	1	1	1	1	1	1
RELIEF VALVE SIZE	3/4"	3/4"	3/4"	3/4"	1"	1"	1"
RELIEF VALVE RATING (MBH)	1,912	1,912	1,912	1,912	2,155	2,155	2,155
RELIEF VALVE PRESSURE RATING (PSI)	150	150	150	150	150	150	150
RELIEF VALVE TEMPERATURE RATING (°F)	210	210	210	210	210	210	210
<b>GAS</b>							
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	10.5" w.c.	10.5" w.c.	10.5" w.c.	10.5" w.c.	14.0" w.c.	14.0" w.c.	14.0" w.c.
MIN. INLET PRESSURE, NAT	4.2" w.c.	4.2" w.c.	4.2" w.c.	4.2" w.c.	4.0" w.c.	4.0" w.c.	4.0" w.c.
MANIFOLD PRESSURE, NAT	3.2" w.c.	3.2" w.c.	3.2" w.c.	3.2" w.c.	-5.3" w.c.	-6.3" w.c.	-3.9" w.c.
MAX. INLET PRESSURE, LP	13.0" w.c.	13.0" w.c.	13.0" w.c.	13.0" w.c.	14.0" w.c.	14.0" w.c.	14.0" w.c.
MIN. INLET PRESSURE, LP	11.0" w.c.	11.0" w.c.	11.0" w.c.	11.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.
MANIFOLD PRESSURE, LP	10.0" w.c.	10.0" w.c.	10.0" w.c.	10.0" w.c.	-3.4" w.c.	-3.8" w.c.	-2.1" w.c.
BTU/HR INPUT	500,000	750,000	1,000,000	1,300,000	1,500,000	1,700,000	2,000,000
<b>ELECTRICAL</b>							
VOLTAGE/HEATER	120	120	120	120	120	120	120
VOLTAGE/PUMP	120	120	120	120	120	120	120
VOLTAGE/CONTROL	24	24	24	24	24	24	24
TOTAL AMPS W/PUMP	15.5	15.5	15.5	15.5	15.3	15.3	15.3
# OF ELECTRICAL CONNECTIONS	1	1	1	1	1	1	1
<b>DIMENSIONS</b>							
HEIGHT	44-1/2"	52-1/4"	59-1/4"	67-3/4"	65-1/2"	70"	76-3/4"
WIDTH	23-1/4"	23-1/4"	23-1/4"	23-1/4"	27-1/4"	27-1/4"	27-1/4"
DEPTH (INCLUDES PUMP)	42-3/4"	42-3/4"	42-3/4"	42-3/4"	56"	56"	56"
<b>SERVICE CLEARANCES</b>							
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"
<b>VENTING</b>							
SIZE	7"	9"	10"	12"	12"	14"	14"
VENT CATEGORY	I	I	I	I	I	I	I
VENT MATERIAL	B-VENT	B-VENT	B-VENT	B-VENT	B-VENT	B-VENT	B-VENT
MAXIMUM DRAFT	-0.08" w.c.	-0.08" w.c.	-0.08" w.c.	-0.08" w.c.	-0.08" w.c.	-0.08" w.c.	-0.08" w.c.
MINIMUM DRAFT	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.	-0.02" w.c.

Lochinvar Corporation • 300 Maddox Simpson Pkwy • Lebanon, TN 37090 • 615-889-8900 / Fax: 615-547-1000  
www.Lochinvar.com

PFX-PS-02 (Replaces PFX-PS-01 10/07)

11/07-Printed in U.S.A.

## Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>