



Lochinvar[®]
High Efficiency Water Heaters, Boilers and Pool Heaters

POWER-FIN[®]
PACKAGE SYSTEM
Submittal Sheet

PFEP-Sub-03

POWER-FIN[®] GAS WATER HEATERS (1.5, 1.7 & 2.0 MBH MODELS)

JOB NAME _____
LOCATION _____
ARCH./ENGR. _____
WHOLESALER _____
MECH. CONTRACTOR _____
MODEL NO. _____
TYPE GAS _____
Btu/hr INPUT _____
RECOVERY RATE IN GPH _____ @ _____ °F RISE
NOTES

Standard Features

- 87% Thermal Efficiency
- 25-100% Infinitely Proportional Firing Rate
- Digital Display w/ Alarm & Status LED's
- Variable Frequency Drive
- Digital Temperature Control Accurate to 1°F
- Tamper Resistant Temperature Controls
- Alcomesh Burner with 5-Year Limited Warranty
- Low NOx Operation Exceeds the most Stringent Air Quality Requirements
- Selectable Inlet/Outlet Temperature Controls
- ASME Copper Finned Tube Heat Exchanger
- 160 psi Working Pressure
- Gasketless Heat Exchanger Design
- All Bronze Circulating Pump
- Pump Delay
- Freeze Protection
- Glass-Lined Water Surfaces
- Low Gas Pressure Operation
- Zero Clearance to Combustible Materials
- ASME Temperature & Pressure Relief Valve
- Down Stream Test Valve
- Adjustable High Limit with Manual Reset
- Flow Switch
- Small Footprint
- 24 Volt Circuit Breaker
- Construction Air Filter
- 5 Year Limited Warranty on Heat Exchanger

Optional Equipment

Place an X in the box by all options that apply

- Alarm Bell
- Contacts on any Failure
- Contacts for Air Louvers
- Cupro-Nickel Heat Exchanger
- High Gas Pressure Switch w/ Manual Reset
- Low Gas Pressure Switch w/ Manual Reset
- Low Water Cut-Off
- Probe Type
- Probe Type w/ Manual Reset

HARMONY SEQUENCER

<u>Control</u>	<u>Part Number</u>
1-4 Unit Master Control Module	SMP2100
5-12 Unit Extension Module	SMP2101

Harmony Sequencer Ordering Information

Sequencing of up to 4 Units requires the following:

- 1 - SMP2100 Master Control Module

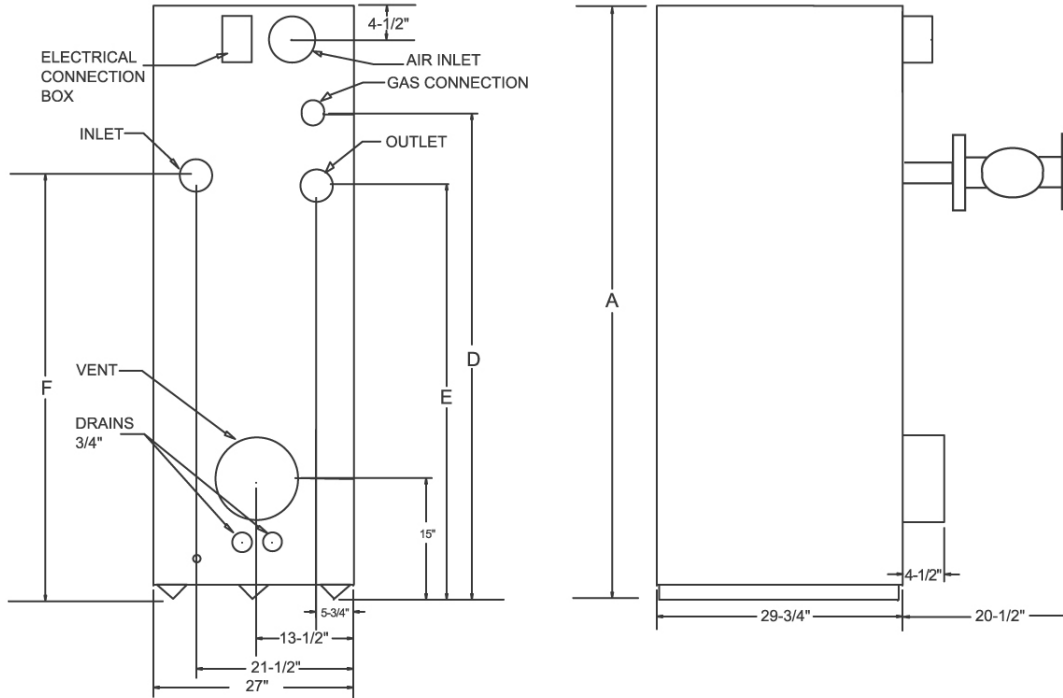
Sequencing of 5 - 12 units requires the following:

- 1 - SMP2100 Master Control Module
- and 1 - SMP2101 Extension Module

Firing Control Systems

- M9 HSI (Standard)
- M13 GE GAP/FM/IRI
- M7 California Code

Power-Fin® Gas-Fired Water Heater Dimensions & Specifications



Model Number	Btu/hr Input	GPH @ 100°F Rise	A	D	E	F	Air Inlet Size	Vent Size	Shipping Weight
PFN1500PM	1,500,000	1,582	66-3/4"	52-1/4"	42"	44-1/2"	6"	8"	1,165
PFN1700PM	1,700,000	1,793	71-1/4"	56-3/4"	46-1/2"	49"	7"	8"	1,225
PFN2000PM	2,000,000	2,109	78"	63-1/2"	53-1/4"	55-3/4"	8"	10"	1,325

Notes: Change 'N' to 'L' for LP Gas Models. No deration on LP models. Performance data is based on manufacturer test results.
 All gas connections are 1-1/2" NPT. All water connections are 2-1/2".

Venting Options

DirectAire Vertical w/ Sidewall Inlet

DirectAire Horizontal w/ Rooftop Inlet

Direct Vent Vertical

Direct Vent Horizontal

Sidewall

Vertical

Intelligent Venting Solutions

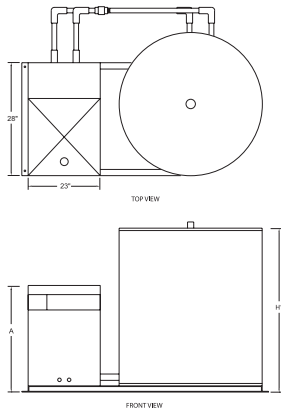
Electrical Requirements

Heater 15 Amp Circuit Required
 Pump 15 Amp Circuit Required

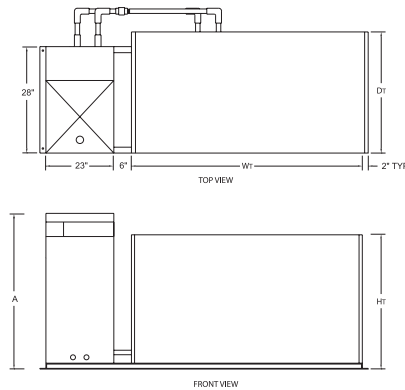
*When combined both heater and pump can operate on a 20 Amp circuit.

Power-Fin® Gas Water Heater Package System Dimensions & Specifications

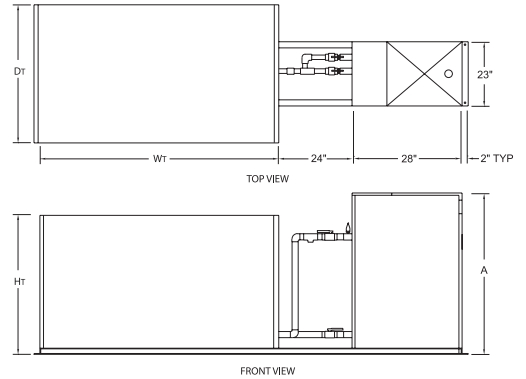
V1 Configuration



H1 Configuration



H2 Configuration



V1, H1 & H2 Configurations are standard with Round Jacketed Tanks

Gallons	HORIZONTAL TANK DIMENSIONS			Weight
	H _T	W _T	D _T	
300	50-1/2"	78-1/4"	42-1/4"	1,700
400	50-1/2"	102-1/4"	42-1/4"	2,250
500	56-1/2"	90-3/4"	48-1/4"	2,450
600	56-1/2"	114-1/4"	48-1/4"	3,350
700	56-1/2"	130-1/4"	48-1/4"	4,000
800	62-1/2"	124-1/4"	54-1/4"	4,800
1,000	62-1/2"	138-1/4"	54-1/4"	5,100
1,250	68-1/2"	130-1/4"	60-1/4"	5,900
1,500	77-1/2"	126-1/4"	66-1/4"	6,500
2,000	80-1/2"	138-1/4"	72-1/4"	9,000
2,500	86-1/2"	144-1/4"	78-1/4"	10,000

Gallon	VERTICAL TANK DIMENSIONS		
	H _T	Dia.	Weight
119	62-1/2"	28"	345
200	77-1/4"	32"	600
257	92"	34"	902
318	81"	40"	993
432	81"	46"	1,269
504	92"	46"	1,373

NOTE: Add heater dimensions to tank dimensions to get overall package dimensions or consult factory if measurements are critical.

All package systems are skid mounted.



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