

Peerless® Boilers



PeerlessBoilers.com

Peerless® PureFire® 2000-4000

High Efficiency Condensing Commercial Gas Boilers

NEW LARGER SIZES ADDED TO THE PureFire® FAMILY!
Check out our entire line of PureFire® sizes ranging from 50 MBH to 4,000 MBH!

Features and Benefits

- ✓ **97% Thermal Efficiency**
- ✓ **Low Pressure Drop Through Stainless Steel Heat Exchanger**
- ✓ **Natural or LP Gas** - Field Convertible
- ✓ **Direct-vent/Sealed Combustion** or Indoor Air
- ✓ **ETL Certified for U.S. and Canada**
- ✓ **Environmentally Friendly** - LoNOx Operation
- ✓ **Cascade Capable** - up to 8 Boilers



Standard Equipment

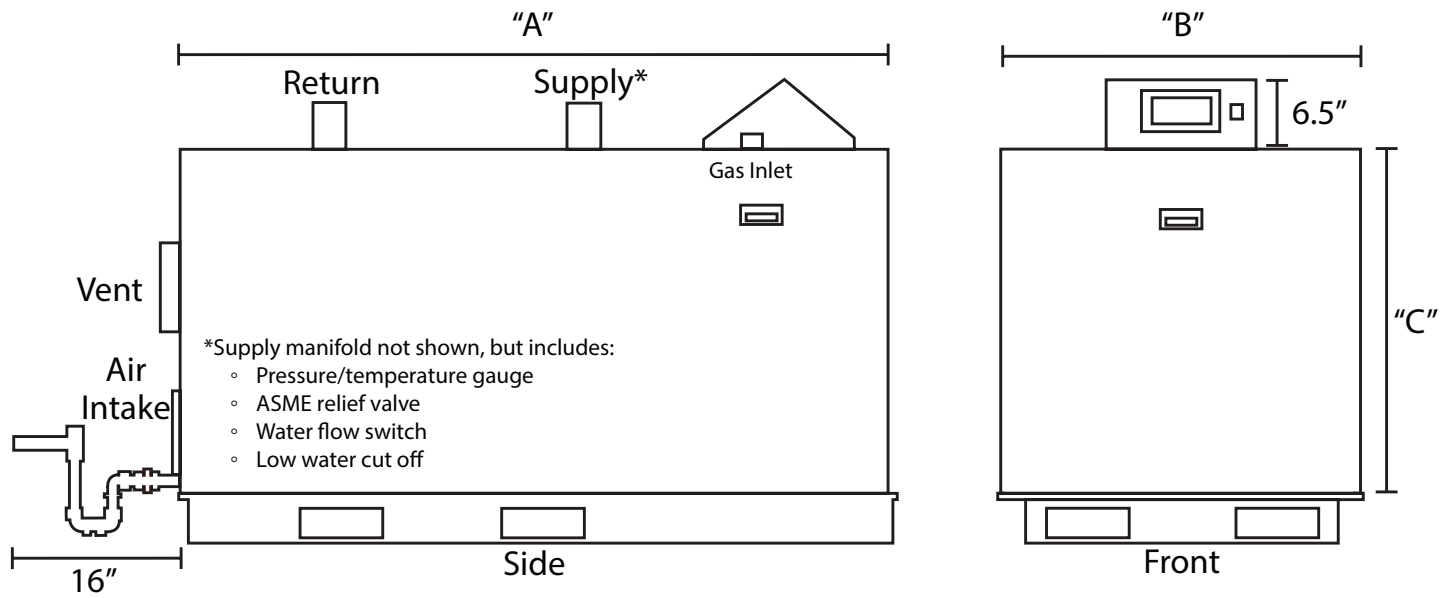
- ✓ **Built-in LWCO with Manual Reset for CSD-1 Compliance**
- ✓ **Fully Modulating Burner** - 5 to 1 Turndown
- ✓ **MODBUS Communications**
- ✓ **Rear Top Supply and Return Connections (Grooved)**
- ✓ **Front Top Gas Connection**
- ✓ **Combustion Air Filter and Air Proving Switch**
- ✓ **100 psi Relief Valve**
- ✓ **Domestic Hot Water Priority**
- ✓ **Flow Switch**
- ✓ **Plain English LCD Status Display**
- ✓ **High Water Temperature, Blocked Vent, and Door Limit Switches**

WARRANTY

Visit PeerlessBoilers.com for complete details on standard and extended warranty programs available.

PeerlessBoilers.com

Technical Information



BOILER DIMENSIONS & SHIPPING WEIGHTS

Boiler Model Number	Jacket			Approx Shipping Weight (Lbs)
	Length "A"	Width "B"	Height "C"	
PFC-2000	65"	35"	36.5"	1217
PFC-2500	76"	46"	49"	2281
PFC-3000	76"	46"	49"	2281
PFC-3500	98"	46"	49"	2581
PFC-4000	98"	46"	49"	2581



BOILER RATINGS



Boiler Model Number	Input				Gross Output		Thermal Efficiency (%)	Heating Surface (SQ/FT)	Water Content (GAL)	Gas/LP Conn. (In)	Voltage (v.)	Supply Grooved Conn (In)	Return Grooved Conn (In)	Exhaust Size (In)	Vent/Air Intake Size (In)
	Minimum		Maximum		MBH	kW									
	MBH	kW	MBH	kW											
PFC-2000	400	117	2000	586	1940	568	97%	153	16.2	1.25 NPT	120/1ph	3	2.5	8	8
PFC-2500	500	147	2500	733	2425	711	97%	301	34.6	1.5 NPT	208/1ph	4	4	10	10
PFC-3000	600	176	3000	879	2910	853	97%	301	34.6	1.5 NPT	208/3ph	4	4	10	10
PFC-3500	700	205	3500	1026	3395	995	97%	403	45.3	2 NPT	480/3ph	4	4	12	12
PFC-4000	800	234	4000	1172	3880	1137	97%	403	45.3	2 NPT	480/3ph	4	4	12	12



PeerlessBoilers.com

CUT-PFC2 RO (10/22 - 1M)
Printed in U.S.A.
© 2022 PB Heat LLC. All rights reserved.