

# Peerless® Boilers



PeerlessBoilers.com

# Peerless® Partner® PV Indirect-Fired Water Heaters

## Features and Benefits

- ✓ **Available in 30, 45, 55, 80 and 119 gallon capacities** — a variety of sizes to help you match your domestic hot water requirements
- ✓ **Durable and light-weight design is impervious to water quality variations**
- ✓ **Easy-to-use temperature control provides extremely accurate temperature selection**
- ✓ **Easy to install and no required maintenance**
- ✓ **High efficiency insulation provides low stand-by losses**
- ✓ **Removable copper coil**

## Standard Equipment

- ✓ **High Accuracy Temperature Control**
- ✓ **T&P Relief Valve**
- ✓ **Super Insulated to Reduce Tank Heat Loss**
- ✓ **Seamless, Long-life Thermoplastic Construction**

*PeerlessBoilers.com*



## WARRANTY

The Peerless® Partner PV® indirect-fired water heater includes a 10-year, non-prorated residential warranty and a 5-year non-prorated warranty when used in commercial applications. Optional lifetime coverage is available on residential applications.

# Technical Information



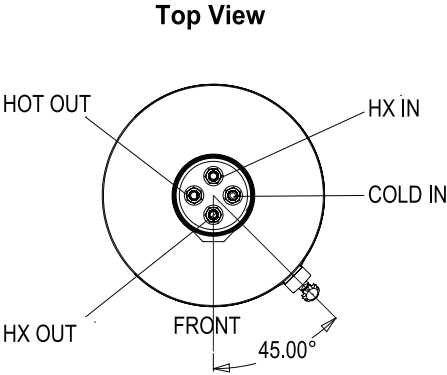
## Peerless® Partner® PV Tank Dimensions

Model Number	Height	Diameter
PV-40	40.5"	22.75"
PV-50	53.5"	22.75"
PV-60	41"	28"
PV-80	53.5"	28"
PV-120	74"	28"

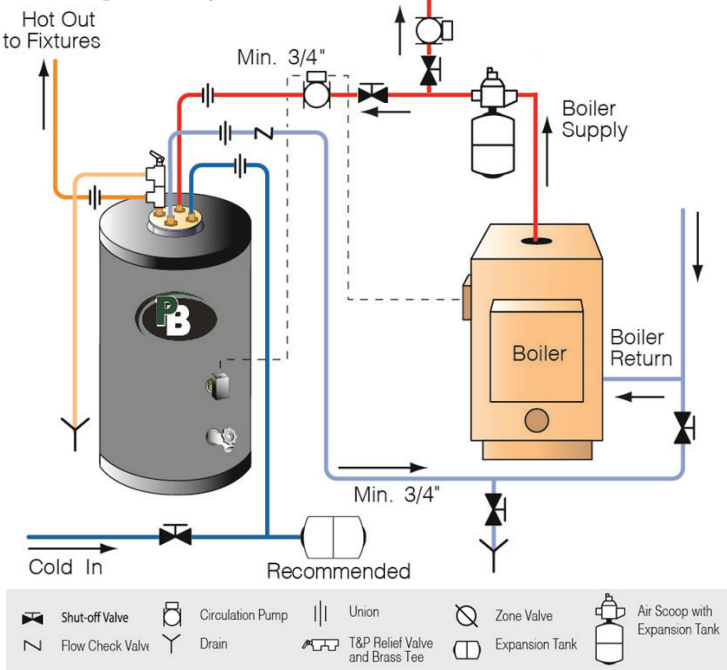
## Peerless® Partner® PV Carton Dimensions & Shipping Weights

Model Number	Length	Width	Height	Approx. Shipping Weight (lbs.)
PV-40	25"	25"	44"	85
PV-50	25"	25"	60"	120
PV-60	30"	30"	44"	100
PV-80*	29"	30"	60"	150
PV-120**	29"	29"	80"	155

\*Carton shipped on pallet; pallet dimension 29" x 30"  
\*\*Tank shipped shrink-wrapped on pallet; pallet dimension 29" x 30"



## Installation Diagram Using Separate Circulator



## Peerless® Partner® PV Ratings



Water Heater Model Number	Potable Water Volume gallons	Standby Loss °F/h	Continuous Draw gal/h	First Hour Rating gal/h	Min Heat Source Output MBH	Min Heat Source Flow, gpm output MBH	Heat Source Friction Loss feet	Domestic Water Connection Sizes (NPT)	Boiler Connection Sizes (NPT)
PV-40	30.0	0.8	177	199	115000	8.0	18.7	3/4"	3/4"
PV-50	45.0	0.6	184	221	115000	8.0	20.0	3/4"	3/4"
PV-60	55.0	0.6	177	217	115000	8.0	18.7	3/4"	3/4"
PV-80	80.0	0.6	315	381	199000	14.0	16.0	1-1/2"	1"
PV-120	119.0	0.5	381	477	244000	14.0	20.0	1-1/2"	1"

These ratings were obtained with a heat source output and heat source flow rate as listed in the chart using the parameters of the Domestic Cold Water inlet at 58°F, Domestic Temperature Rise of 77°F and Boiler Temperature Output of 180°F. Other results will be obtained under different conditions.



PeerlessBoilers.com

CUT-PARTNER-PV R1 (3/24-5C)  
Printed in U.S.A.  
© 2024 PB Heat LLC. All rights reserved.