



Patterson-Kelley

P-K MODU-FIRE® FD W Series

**Forced Draft Direct Fired Non-Condensing
Water Heater**



FEATURES

- ✓ Size Range: 750 - 2000 MBTU
- ✓ Power Requirements:
 - 208 - 240V/1ph/60Hz
- ✓ Copper Finned Tube Heat Exchanger
- ✓ Smooth 5:1 turndown can track varying loads down to 20% of rated capacity
- ✓ Glass lined heads and nickel plated tube sheets promote scale resistance
- ✓ Eliminates short cycling in high-temperature variable speed pumping systems
- ✓ Small diameter Category IV venting
- ✓ Available in both Natural Gas (NG) and Liquid Propane (LP)

The P-K MODU-FIRE® forced draft water heater combines full modulation control and forced draft advances with time-tested scale resistant construction.

ADVANTAGES

- ✓ Clean, efficient combustion across entire firing range of the boiler
- ✓ Compact design clears 30" doorway and allows units to be installed in tandem
- ✓ Captures up to \$0.85 of every fuel dollar as comfort heat
- ✓ Equipped with the industry leading NURO® Touch Screen Control System with NURO® Connect

Prefix	Model #	Venting Category	Max BTU/HR Input	Min BTU/HR Input	Effective Turndown	Efficiency	Recovery Rates 40°F-140°F (GPH)
W	750-MFD	II or IV	750,000	150,000	5:1	85.8%	772.5
W	1000-MFD	II or IV	1,000,000	166,000	6:1	85.8%	1030
W	1500-MFD	II or IV	1,500,000	250,000	6:1	85.8%	1545
W	2000-MFD	II or IV	2,000,000	335,000	6:1	85.8%	2060

Because we are continuously evolving our products, descriptions and technical data are subject to change without notice. Contact your local Harsco Industrial Patterson-Kelley representative for the most up-to-date information and product application support.

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Patterson-Kelley

P-K THERMIFIC VELOX™ W Series

Direct Fired Non-Condensing Water Heater

FEATURES

- ✓ Size Range: 750 - 2000 MBTU
- ✓ Power Requirements:
 - 120V/1ph/60HZ
 - 208 - 240V/1ph/60Hz
- ✓ Compact/modular design allows multiple units to be installed in tandem
- ✓ Vertical burner/heat exchanger design
- ✓ Copper Finned Tube Heat Exchanger
- ✓ Available in both Natural Gas (NG) and Liquid Propane (LP)*

*2000-VX only available in NG configuration

The P-K THERMIFIC VELOX™ water heater's state-of-the-art vertical design utilizes a radial-fired, fan-assisted burner and heat exchanger, enabling operation at a CSA certified thermal efficiency of 85% as a Category I non-positive, non-condensing appliance.

ADVANTAGES

- ✓ Easy access, ideal for retrofits in inaccessible locations
- ✓ Needs only five connections to install
- ✓ Operates quietly, below OSHA standards
- ✓ Equipped with the industry leading NURO® Touch Screen Control System with NURO® Connect

Prefix	Model #	Venting Category	Max BTU/HR Input	Min BTU/HR Input	Effective Turndown	Efficiency	Recovery Rates 40°F-140°F (GPH)
W	750-VX	I	750,000	604,000	1.2:1	85.8%	772.5
W	1000-VX	I	1,000,000	610,000	1.6:1	85.8%	1030
W	1500-VX	I	1,500,000	1,005,000	1.5:1	85.8%	1545
W	1700-VX	I	1,700,000	1,050,000	1.6:1	85.8%	1750
W	2000-VX	I	2,000,000	1,100,000	1.8:1	85.8%	2060

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