



**Patterson-Kelley**

# P-K DURATION™ III

Water-to-Water Indirect Domestic Hot Water System



The DURATION™ III is a fully packaged, water-to-water indirect domestic hot water system. Engineered to complement any condensing source, the DURATION™ III offers low cost of ownership through simplicity, high efficiency, durability and ease of installation.

## FEATURES

- ✓ Recovery Rates (40°F - 140°F) --- 0 - 85 GPM Domestic Water Demand
- ✓ High quality stainless steel brazed plate heat exchanger
- ✓ Specifically engineered to complement any condensing source
- ✓ Compact footprint is less than 5.5 ft<sup>2</sup>

## ADVANTAGES

- ✓ Easy integration with BAS software via integrated Modbus RS-485 protocol
- ✓ Requires four water connections
  - Two connections for DHW inlet/outlet
  - Two connections for boiler water inlet/outlet
- ✓ Requires one power connection
  - A single 110V electrical power supply connection
- ✓ Pumped Versions (D3-44P/D3-44PE and D3-88P/D3-88PE) designed to operate seamlessly with the NURO®
- ✓ Models can be placed side-by-side in a multi-unit installation



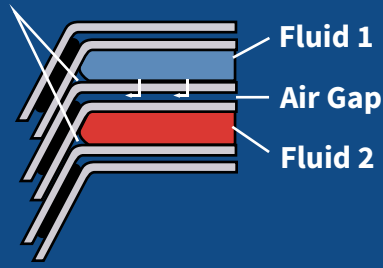
**Harsco Industrial Patterson-Kelley**

155 Burson Street  
East Stroudsburg, PA 18301  
www.harscopk.com

**Phone:** 570.476.7261  
**Toll Free:** 877.728.5351  
**Fax:** 570.476.7247

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## Brazing Material



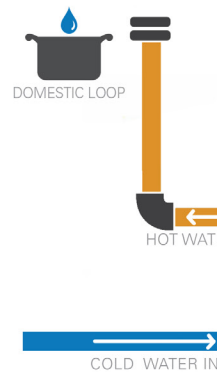
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# P-K DURATION™ III

## P-K Long Term Durability

To ensure longevity, the DURATION™ III has a durable 316L stainless steel double-wall brazed-plate heat exchanger with a true air gap. All wetted parts (potable water side) are lead free and made of robust stainless steel, copper or copper alloy materials.

### TAP INTO SAVINGS WITHIN YOUR CURRENT SYSTEM



### Isolated for a longer life

The DURATION is fitted with a high quality stainless steel brazed plate heat exchanger and is designed to operate with low approach temperatures to prevent scaling. These low approach temperatures protect the system from the harsh conditions found in domestic water.

USE YOUR CURRENT BOILER OR EXISTING HOT WATER LOOP RATHER THAN INSTALLING ANOTHER SYSTEM.

MODELS	DHW INLET	DHW OUTLET	DHW FLOW RATE	BOILER WATER INLET	BOILER WATER OUTLET	BOILER WATER FLOW RATE		
D3-44	40°F	140°F	12 GPM	150°F	110°F	30 GPM		
	60°F	120°F	50 GPM			76 GPM		
D3-88	40°F	140°F	25 GPM			63 GPM		
	60°F	120°F	75 GPM				115 GPM	
D3-112	40°F	140°F	60 GPM			160°F	110°F	115 GPM
	60°F	120°F	85 GPM					103 GPM

*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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