

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

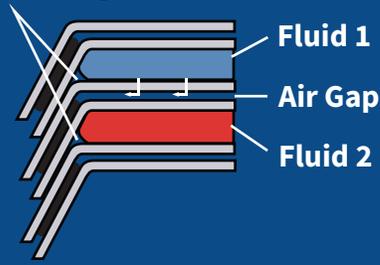
- ✓ Recovery Rates (40°F - 140°F) --- 0 - 85 GPM Domestic Water Demand
- ✓ High quality stainless steel brazed plate heat exchanger
- ✓ Specifically engineered to complement any condensing source
- ✓ Compact footprint is less than 5.5 ft²

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 (D3-30P/D3-30PE and D3-50P/D3-50PE) designed to operate seamlessly with the NURO®
- ✓ Models can be placed side-by-side in a multi-unit installation



Brazing Material



Patterson-Kelley

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 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 TEMPERATURE RISE	DHW FLOW RATE	BOILER WATER INLET	BOILER WATER OUTLET	BOILER WATER FLOW RATE
D3-30I	40° F to 140° F	25 GPM	160° F	105° F	46 GPM
D3-50I		45 GPM			83 GPM
D3-80I		65 GPM			100 GPM
D3-30I	60° F to 120° F	50 GPM	150° F	105° F	68 GPM
D3-50I		70 GPM			94 GPM
D3-80I		82 GPM			100 GPM

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

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