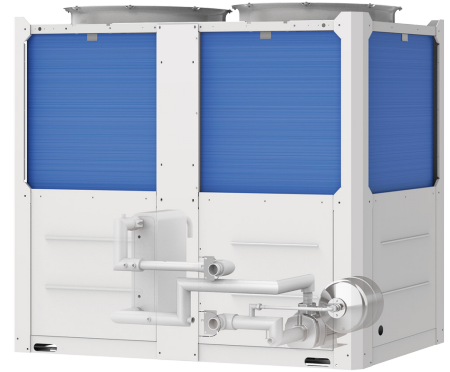


Hybrid Systems Benefits

Introducing the P-K EvoHP™

Introducing Patterson-Kelley's first commercial heat pump. Step into the future of sustainable heating with our cutting - edge solutions! Designed as a stand-alone or to complement traditional heating systems by leveraging both technologies in tandem. The system offers optimal performance and peace of mind, minimizing environmental impact without compromising on reliability or comfort. Reduce carbon emissions and operational costs while ensuring optimal comfort for your building.



Site with January Heating Days:	Orlando	Boston	Kansas City	San Diego	Seattle
Kw Cost	\$0.125	\$0.297	\$0.105	\$0.418	\$0.137
Therm Cost	\$0.450	\$2.153	\$0.349	\$1.816	\$1.334
BTU/hr Load	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Monthly Fuel Cost NG Boiler	\$658	\$8,040	\$1,808	\$1,445	\$3,676
Monthly Cost Electric Boiler	\$5,111	\$31,528	\$15,464	\$9,454	\$10,733
Monthly Cost Heat Pump	\$1,460	\$7,775	\$5,155	\$3,151	\$3,578
Heat Pump Boiler Hybrid	\$1,059	\$7,907	\$3,481	\$2,298	\$3,627

P-K EvoHP Major City Data

This chart uses aggregated data from major cities across the United States to represent what cost could potentially look like for use with the P-K EvoHP. The numbers were pulled from sites in January that had days in which heating was necessary.

* Energy costs gathered from BLS or local utility websites

* The heating load (1000 MBTUH) and unit efficiency for all these sites is the same, however the heating degree days and energy cost changes to match the area



Compact External Rotor DC Motors

High-performance compact external rotor DC motors and integrated design help to maintain low noise and high efficiency.

Large Type C Finned Heat Exchanger

The fins adopt anti-frost coating and corrugated edge spoilers to further enhance the effect of spoilers at strong wind side, which improves heat transfer coefficient, extends frost-free operation time by more than 50% and improves SCOP.

Straight Drain Water Pan

Ensures that water drains away as quickly as possible during defrosting. No stagnant water to freeze and block the water pan.