

LOOP Ceiling Ducted

LOOP Ceiling Ducted is a **compact ducted water-loop heat pump** delivering high efficiency, quiet operation, inverter-driven performance, smart control, and flexible installation.

Key Features

- Variable speed inverter compressor
- Easy to install
- Auto-restart
- Wi-Fi app for Android and iPhone
- Third party thermostat interface
- Selectable fan speeds, low, med, high, and auto
- High seasonal efficiency for reduced operating costs
- Ideal solution for retrofitting existing hydronic heating systems
- Quiet operation for residential environments
- Washable filters for simplified maintenance



Key Specifications

Cooling		
Maximum cooling capacity	kBtu/h (kW)	7.5 (2.2)
Rated cooling capacity		5.9 (1.7)
Minimum cooling capacity		1.0 (0.3)
Rated power consumption	kW	0.4
EER		15.5
Heating		
Maximum heat output	kBtu/h (kW)	8.9 (2.6)
Rated heat output		7.5 (2.2)
Minimum heat output		1.4 (0.4)
Rated power consumption	kW	0.5
COP		5.2



Technical Specifications

Airflow Data		
Vent speed	CFM (m³/h)	4
Maximum airflow		227 (385)
Med airflow rate		141 (240)
Minimum airflow rate		68 (115)
Nominal airflow rate		203 (345)
Hydraulic Data		
Refrigerant quantity	* EK	3/4
Nominal flow rate in heating	GPM (L/m)	2.3 (8.8)
Nominal flow rate in cooling		1.5 (5.7)
Nominal pressure drop in heating	psi (kPa)	1.8 (12.4)
Nominal pressure loss in heating		2.25 (15.5)
Nominal pressure drop in cooling		0.9 (6.3)
Nominal pressure loss in cooling		1.3 (8.9)
Refrigerant Data		
Refrigerant type	Type	R32
Product Dimensions and Weights		
Width	in (mm)	27.9 (708)
Height		9.8 (249)
Total depth		31.6 (803)
Empty weight	lb (kg)	99.2 (45)
Operating Limits		
Minimum entering temperature	°F (°C)	39.2 (4)
Maximim entering temperature		176 (80)
Minimum room temperature		41 (5)
Maximim room temperature		89.6 (32)
Max water pressure	psi (kPa)	145 (1,000)