



RESIDENTIAL HYDRONIC HEAT PUMP

NO ONE BRINGS IT ALL TOGETHER LIKE **LOCHINVAR**

41,000 BTU/HR HEATING | 34,800 BTU/HR COOLING

BACKUP BOILER CAPABILITY

COP UP TO 6.0 AT 95°F LWT

SELF CONTAINED MONO-BLOC DESIGN

DELIVERED WATER TEMPS UP TO 149°F

LOW GWP R32 REFRIGERANT



TECHNOLOGY MAINTAINS OUTPUT CAPACITY DOWN TO -4°F



1. DUAL-PIPED HEAT EXCHANGER

Allows the heat pump to maintain heating capacity in low temp conditions

2. EVAPORATOR FAN

ECM and variable speed. Fan changes speed as required to control outlet water temperature.

3. EVAPORATOR

Coated evaporator for enhanced corrosion resistance.

4. VORTEX WATER FLOW SENSOR

Allows for precision flow control.

5. INVERTER ROTARY COMPRESSOR

A quiet, energy-efficient means of accomplishing precise temperature control and provides a longer life span.

6. BASE PAN HEATER

Prevents freezing condensate in low ambient operating conditions.

7. BACKUP HEATING ELEMENT

3 or 6 kW selectable backup heating element.

8. WATER PUMP

ECM and variable speed. The speed of the pump changes to control delivery of water to the system at the required temperature.

9. MAGNETIC FILTER

Prevents metal particulate from circulating to the pump.

10. UNIT CONTROLLER

3.5 inch LCD display, Remote mountable up to 164ft.



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