



Enfinity® Water Source Heat Pumps



Console in-room slope tops
and flat tops



Model WMHC - standard range
Model WMHW - extended range

Sizes 007 – 018 (½ - 1½ tons)

Perfect for new construction
or replacement



Daikin Enfinity console water source heat pumps are designed for high-efficiency, individually zoned comfort control in offices, schools, assisted living facilities, manufacturing buildings, and a variety of commercial applications. Enfinity's quiet, high-performance and reliable operation has earned an ever-growing reputation among thousands of building owners, consulting engineers, contractors and service engineers across the country.

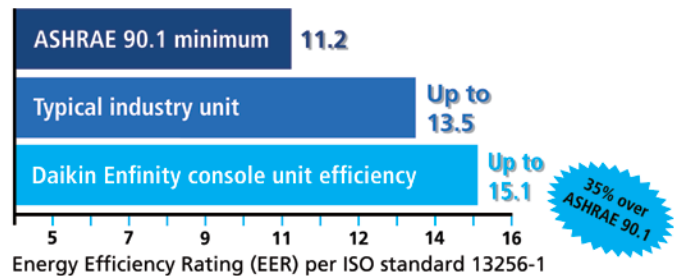
Slope top or flat top cabinet design, high-sill or low-sill configuration, and a variety of color selections allow greater flexibility to design, install, operate, and maintain the optimum water source heat pump system for any new or replacement project.

Colors for any decor



Enfinity benefits

- Design flexibility for standard or geothermal applications
- Reduced sound-levels with high-efficiency, mass plate-mounted, rotary compressor
- Easy, low-cost BAS integration with MicroTech® III unit controller and Open Choices™ feature
- Whisper-quiet operation and maximized airflow with Gentleflo™ fan wheel
- Qualify for LEED points and rebates with efficiencies that are 35% better than ASHRAE 90.1



Features and options



1 Cabinets

- Design flexibility with slope top or flat top configurations and directional grille options
- Service accessible with removable top, front, and end panels

2 Compressor

- Increased energy savings using high efficiency rotary design
- Zero ozone depleting R-410A refrigerant with no phase-out date

3 Gentleflo™ fan

- High efficiency and quiet multi-speed tangential fan system

4 MicroTech® III unit controller

- Streamlined network controls using LonWorks® or BACnet® communication modules
- I/O expansion module for electric heat and multiple fan speeds

5 LED status lights

- Easy diagnosis and troubleshooting of fault condition indicators

6 Filter

- Easily accessible and serviceable 1/2" standard disposable filter

7 Hinged control box

- Increases service access to plumbing end compartment for fast installation and maintenance

8 2-way motorized valve packages (optional)

- Factory-installed or field-installed choice for variable pumping applications.
- Reduced operating costs with two-way isolation valves

9 Double-sloped drain pan

- Easily removable and cleanable, non-corrosive polymer design promotes maintenance and superior Indoor Air Quality (IAQ)

10 T9000 wireless temperature controller (optional)

- Precise temperature control without installation and wiring expenses
- Factory-installed or field-installed choice for 24V thermostat controlled units

Remote control node (RCN)

- Easy integration with unit and temperature controls

11 Multi-directional grilles (optional)

- Discharge air directional control using rotatable grilles

12 High sill extended end pockets (optional)

- Increases service access 11" for piping or field-installed pump

Outside air dampers (optional - not shown)

- Increased ventilation air control - motorized or manual operation

Optional 7" high sub base (optional - not shown)

- Increases piping arrangement flexibility

Enfinity® - high performance, high efficiencies, lower operating costs

AHRI performance data - Enfinity models WMHC/MMHW

Unit Size	Water Loop				Ground Loop			
	Cooling 86°F EWT		Heating 68°F EWT		Cooling 77°F EWT		Heating 32°F EWT	
	Capacity (Btuh)	EER (Btuh/Watt)	Capacity Btuh	COP	Capacity Btuh	EER (Btuh/Watt)	Capacity Btuh	COP
007	7700	14.5	9110	5.0	8300	16.9	5600	3.3
009	9200	14.0	11000	4.6	9700	16.1	7000	3.2
012	11000	13.6	13700	4.2	11700	16.0	9000	3.3
015	14500	15.1	18200	5.2	15400	17.3	10900	3.4
018	16400	13.4	20900	4.2	17300	15.3	13700	3.4

Notes: 1. Rated in accordance with AHRI/ASHRAE/ISO standard 13256-1.
2. Ratings are at 208 volt electrical.

Water Loop: 1. Cooling capacity is based on 80.6°F db, 66.2°F wb (27/19°C) EAT and 86°F (30°F) EWT.
2. Heating capacity is based on 68°F db, 59.0°F wb (20/15°C) EAT and 68°F (20°F) EWT.

Ground Loop: 1. Cooling capacity is based on 80.6°F db, 66.2°F wb (27/19°C) EAT and 77°F (25°F) EWT.
2. Heating capacity is based on 68°F db, 59.0°F wb (20/15°C) EAT and 32°F (0°F) EWT

Legend: Btuh = British Thermal Units per Hour COP = Coefficient of Performance EER = Energy Efficiency Ratio

Focused on a sustainable future

Daikin Applied is committed to sustainable practices as part of our corporate culture. We believe it is the right thing to do for our customers, our community, the environment and ourselves. As a global leader in HVAC technology, Daikin Applied has a unique opportunity to make a difference in sustainable initiatives and to continue to lead the industry in environmental solutions.

Cover photo courtesy of: Scott Bergmann Photography



For more information about our complete line of water source heat pumps, contact your local Daikin Applied sales office or visit www.DaikinApplied.com to find an office near you.

