



DAIKIN ALTHERMA 3 H HT:
High Temperature Air-to-Water Heat Pump for
Heating, Cooling, and Domestic Hot Water.

SOPHISTICATED. EFFICIENT. ELEVATED.



The air today feels just right – amazing temperature, ideal humidity, and freshness – like right after it rains. But what makes it even better is that this ideal air is happening indoors. Inside your space. Inside, where we spend most of our time – working, playing, sleeping, living.

At Daikin, we're committed to making the air inside just as refreshing as the air outside. With Daikin efficiency, quality, and control, you can create your own ideal indoor environment. So, every day feels perfect, inside, and out.

Perfecting The Air We Share.



Daikin *ALTHERMA*

Take comfort to new heights

Daikin *ALTHERMA* 3 H HT goes beyond the traditional concept of heating and cooling. It creates a comfortable environment to help elevate the home and lifestyle of today's homeowners. As an all-electric air-to-water heat pump, it can provide heating, cooling, and domestic hot water (DHW) in one integrated system—helping reduce reliance on fossil fuel burning systems. For those replacing a traditional boiler or furnace, Daikin *ALTHERMA* 3 H HT delivers a fully electric solution that meets today's standards for efficiency and sustainability, making it a smart choice for homeowners who prioritize comfort, efficiency, and sustainability.

- » **3-in-1 “Plumb-and-Play” solution** capable of heating, cooling, and domestic hot water (DHW).
- » **Easy home integration:** Boiler, gas furnace, and optional gas DHW replacement.
- » **Reliable in cold climates:** Designed to operate in cold climate conditions down to -18°F (-28°C).
- » **Proven and future-focused:** Features R-32, a low GWP (Global Warming Potential), efficient, available, and proven A2L refrigerant.
- » **Outstanding** limited warranty*



HEATING



COOLING



HOT WATER



NOTE: The Hot Water capability is optional

*Complete warranty details available from your local dealer/contractor or at www.daikincomfort.com

DAIKIN *ALTHERMA* 3 H HT:

Performance you expect.



Sustainability

This all-electric system is designed to help reduce a home's carbon emissions, compared to fossil fuel burning systems. An added benefit if the electricity comes from renewable sources like solar and/or wind power.



Energy Efficient

The Daikin *ALTHERMA* electric air-to-water heat pump provides an efficient, sustainable heating solution, supporting the transition away from fossil-fuel-based comfort systems toward all-electric energy.



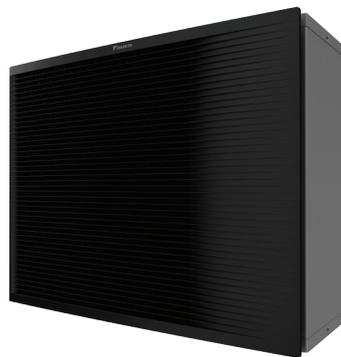
All-Climate Operation

Daikin *ALTHERMA* 3 H HT operates reliably in various climates. Space heating + domestic hot water (DHW) is possible down to -18°F (-28°C) ambient. *ALTHERMA* is designed to produce high leaving water temperatures (LWT) of up to 158°F (70°C) and provide space cooling up to 109°F (43°C) ambient.



Signature Technology

Daikin *ALTHERMA* 3 H HT air-to-water heat pump systems are designed with the latest technology and manufactured to exacting standards. Modern inverter-driven compressors and fan motors plus micro-processor controls deliver constant comfort and high efficiency performance.



Outdoor Unit



Domestic
Hot Water Tank
(Optional)



Wall-mounted
Indoor Unit



Daikin ALTHERMA 3 H HT AIR-TO-WATER HEAT PUMP SYSTEM



The Daikin ALTHERMA 3 H HT air-to-water heat pump system brings balance in the home. Combining energy efficiency, low GWP R-32 refrigerant, personalized comfort, and quiet operation, it's thoughtfully engineered for today and tomorrow. With this innovative technology, homeowners can not only upgrade their system but transform their home and elevate the cozy factor.



Elevate possibilities

» Outdoor unit with self contained R-32 refrigerant circuit:

No refrigerant inside the house.

» Packaged solution with "Plumb-and-Play" installation:

No refrigeration work required, just plumbing. The outdoor, indoor, and optional DHW tank are connected through water piping.

» Application flexibility:

Design for flexibility with the use of different indoor emitters for heating and cooling. Ideal for retrofit and new build applications.



Elevate comfort

Homeowners will enjoy year-round comfort:

» Able to produce water temperatures of up to 158°F (70°C)

» Operation range down to -18°F (-28°C)

» High heating capacity at low ambient temperatures

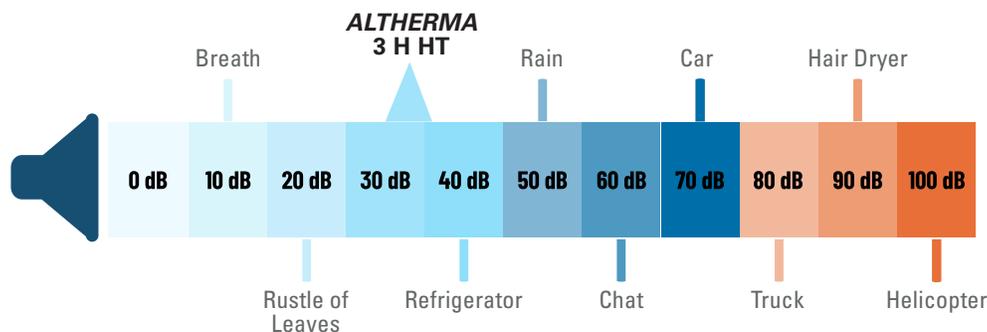


Elevate quiet

Designed for quiet operation:

» **Standard sound mode:** the outdoor unit produces a sound pressure of 41 dBA at about 10 ft., somewhere between birds chirping and the inside of a library.

» The outdoor unit features an additional **low sound mode**. This mode helps reduce the sound pressure even further to 35 dBA, representing a reduction of half the sound level of the standard mode!





Innovative design

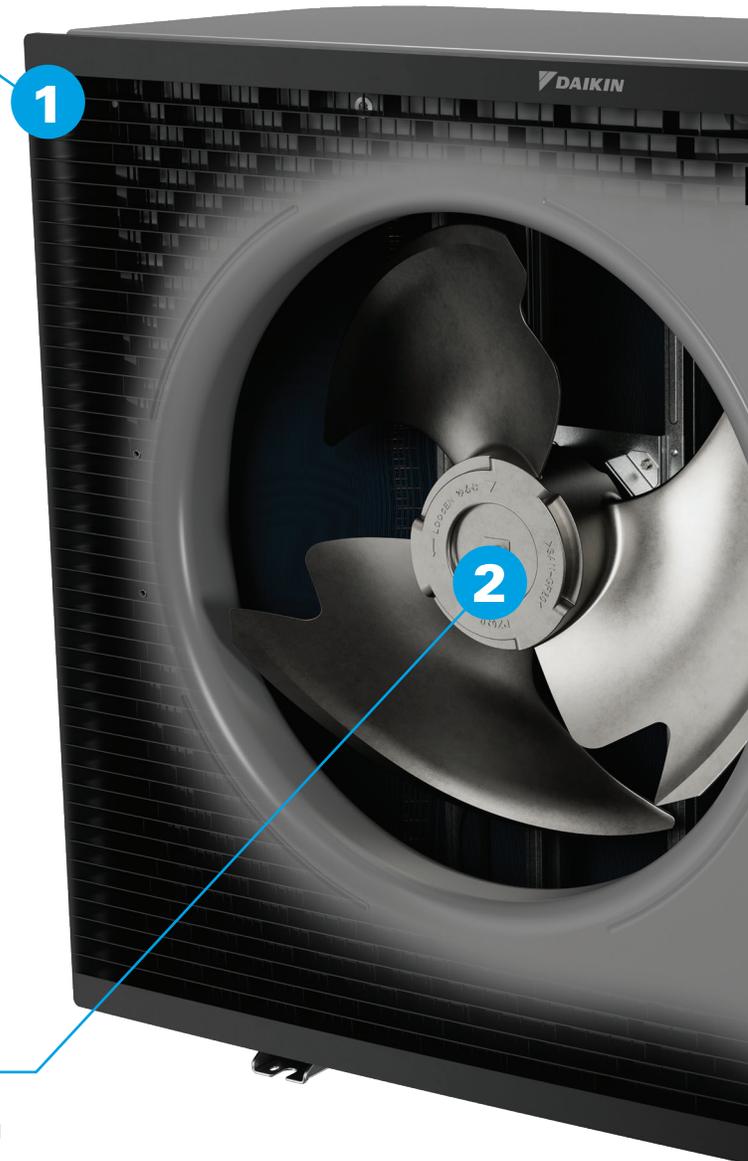
- » **Stylish gray casing can complement any setting:** The sleek grill, with its horizontal lines, elegantly conceals the fan. This thoughtful design not only enhances the unit's appearance but also significantly diminishes noise perception, making for a quiet, serene outdoor (and indoor) environment.



- » Daikin *ALTHERMA* 3 H HT offers a 5-Year Parts Limited* Warranty and a 7-Year Compressor Replacement Limited* Warranty.

High-capacity fan

- » The fan is not only hidden, it is also slightly larger, replacing the usual double fan for high capacity units.
- » The shape of the fan has been designed to reduce the contact surface with air therefore lowering the sound level by improving the air circulation.



* Complete warranty available from your local dealer or at www.daikincomfort.com. To receive the 5-Year Parts Limited Warranty and 7-Year Compressor Limited Warranty, online registration must be completed within 60 days of installation. The duration of warranty coverage may depend on the state in which you reside. Some states and provinces do not allow warranty coverage to be conditioned on registration. For a list of states and provinces that do not allow warranty coverage to be conditioned on registration, please visit www.daikincomfort.com/warranty-information or, to request a paper copy of this information, please call us at 1-855-502-3903. Other limitations and exclusions apply, refer to complete warranty details for full list of limitations and exclusions.

Hydrosplit unit

3

- » The connection between the outdoor and the indoor unit is made with water piping which means there is no refrigerant going inside the home.

Daikin signature compressor technology

- » **New double injection compressor:** Patented technology to deliver high-efficiency heating up to 158°F (70°C) flow temperature, powered by design improvements like an improved stronger casing, enhanced injection volume, and reduced internal leakage (compared to non-double injection compressors).

INVERTER

R32

4

5

Sound reduction insulation

To reduce the compressor sound power:

- » The compressor is surrounded by a 3-layer insulation made of air, insulation material and a metal box.
- » The Daikin *ALTHERMA 3 H HT* benefits from a double sound reduction by using rubber pads between the bottom plate and the vibration plate under the compressor.

FORM AND FUNCTION:

Designed with purpose.

One solution, multiple combinations

The Daikin *ALTHERMA* 3 H HT air-to-water heat pump system is designed to cover a wide range of hydronic applications, making it an excellent choice for replacing boilers and furnaces, especially in areas with low ambient temperatures. Once the outdoor unit is connected to the indoor unit, there is a range of system combinations, such as being paired with **emitters already in the home like baseboards or radiators**, or **be integrated with heat pump convectors, hydronic air handlers, and in-floor radiant loops**. The versatility extends to applications like new buildings, retrofits, and low-energy houses. This versatile space-saving system contributes to modern aesthetics complementing form and function.



Ideal to replace boilers and furnaces: Supporting efforts to electrify homes.

- » Replacing gas or oil boilers can often be a challenge or be met with uncertainty from homeowners. Daikin *ALTHERMA* 3 H HT was designed to meet the needs of such replacement and do so with energy efficiency in mind.
- » As the focus on electrification grows, many regions are transitioning from gas furnaces and oil or gas boilers to meet climate targets. Replacing oil or gas boilers early can help homeowners to be ready for these transitions.



Ideal for renovations: Supporting a future-ready home.

- » For home improvement or renovation projects, there are many things for homeowners to consider. Modern, energy-efficient HVAC systems are not only a major investment, but are ultimately important for overall comfort. They may also help add home value, especially when considering factors like energy savings and general appraisal when looking to sell.

Combination Boiler Replacement:



	HEATING	COOLING	HOT WATER
» Use existing baseboard/radiators	✓		✓
» Use existing baseboard/radiators + add heat pump convectors (replace window AC units or mini-splits)	✓	✓	✓
» Use existing in-floor/under-floor radiant loop	✓		✓
» Use existing in-floor/under-floor radiant loop + add heat pump convectors (replace window AC units or mini-splits)	✓	✓	✓
» Replace existing hydronic loop with heat pump convectors	✓	✓	✓

Gas Furnace / Gas DHW Replacement:

» Replace gas furnace or hydro-air system with hydronic air handler , remove AC unit, and replace DHW tank	✓	✓	✓
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New Construction:

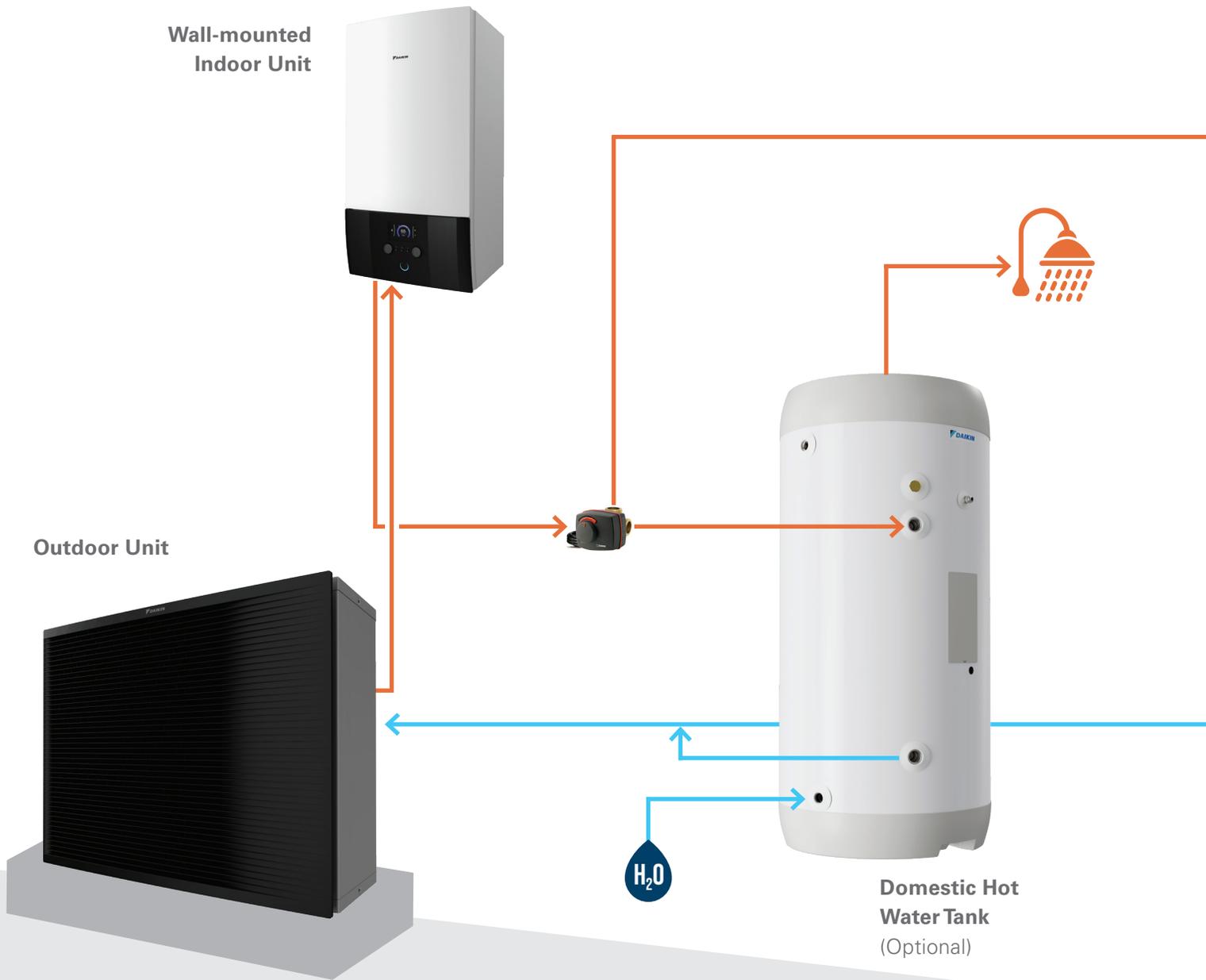
» In-floor radiant loop, heat pump convectors, hydronic air handler , or a combination	✓	✓	✓
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NOTE: The Hot Water capability is optional



ADAPT AND CUSTOMIZE:

Flexibility in configuration.



* Visual representation of possible system connection.



HYDRONIC DISTRIBUTION - INDOOR EMITTER CONNECTIONS*

USING FIELD SUPPLIED RADIANT FLOOR



Radiant flooring

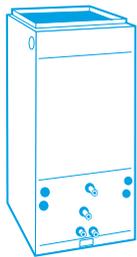


HEATING

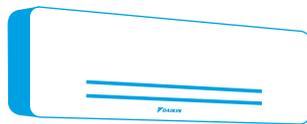
ADVANCED EFFICIENCY

**LOW WATER
TEMPERATURE**

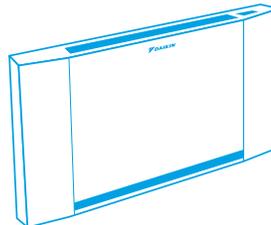
DAIKIN SUPPLIED



Hydronic
Air Handler



High-wall
HP Convactor



Floor-standing
HP Convactor



HEATING

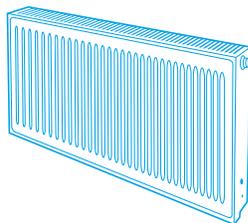


COOLING

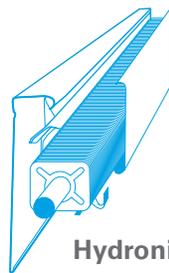
ENHANCED EFFICIENCY

**MEDIUM WATER
TEMPERATURE**

USING (EXISTING) RADIATOR(S) OR BASEBOARD(S)



Radiator



Hydronic Baseboard /
Fin-tube



HEATING

STANDARD EFFICIENCY

**HIGH WATER
TEMPERATURE**

* Visual representation of possible system connection.

ALL-SEASON INNOVATION: Delivering on all-season comfort.

What is a heat pump convector?

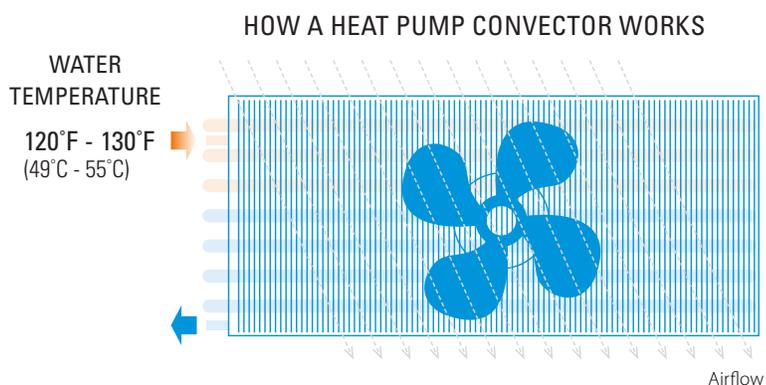
Daikin *ALTHERMA* heat pump convectors are indoor fan coils that can provide both heating and cooling to the space. These heat pump convectors can be combined with other emitter types like radiators, baseboards, and in-floor radiant loops, or can be used as a standalone emitter in a space.

How do they work?

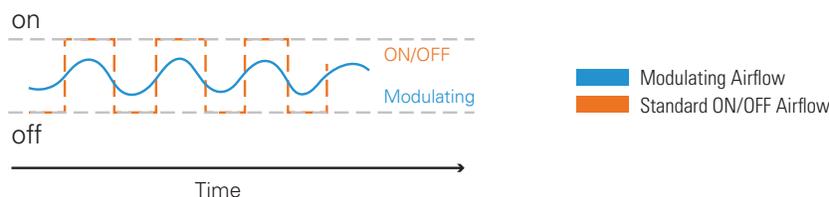
Heat pump convectors work similar to a radiator, as both use convection to heat a room. A heat pump convector actively circulates heated air using a fan, while a traditional radiator heats a room by warming the air that rises from its hot surface. Daikin *ALTHERMA* heat pump convectors are designed to function at low water temperatures, as shown on page 11. An air-to-water heat pump's space heating efficiency generally improves at lower operating water temperatures, which can result in direct energy savings for the end user.* Heat pump convectors can also be used for cooling by circulating chilled water through the unit. The integrated fan will circulate the cold air into the room while the built-in drain pan will collect any condensation.

» **Modulated airflow:** When there is less heating demand, the unit modulates its airflow to slow down the fan rate, and in the process, lowers the operational sound. Conversely, a standard ON/OFF fan running simultaneously at full speed can increase sound pressure.

» **DC Inverter:** Daikin *ALTHERMA* heat pump convectors use the latest technologies to limit energy consumption down to 3W of standby power input.



Modulating vs. ON/OFF Airflow



The above illustrates the airflow of a modulating fan vs. a standard ON/OFF fan.

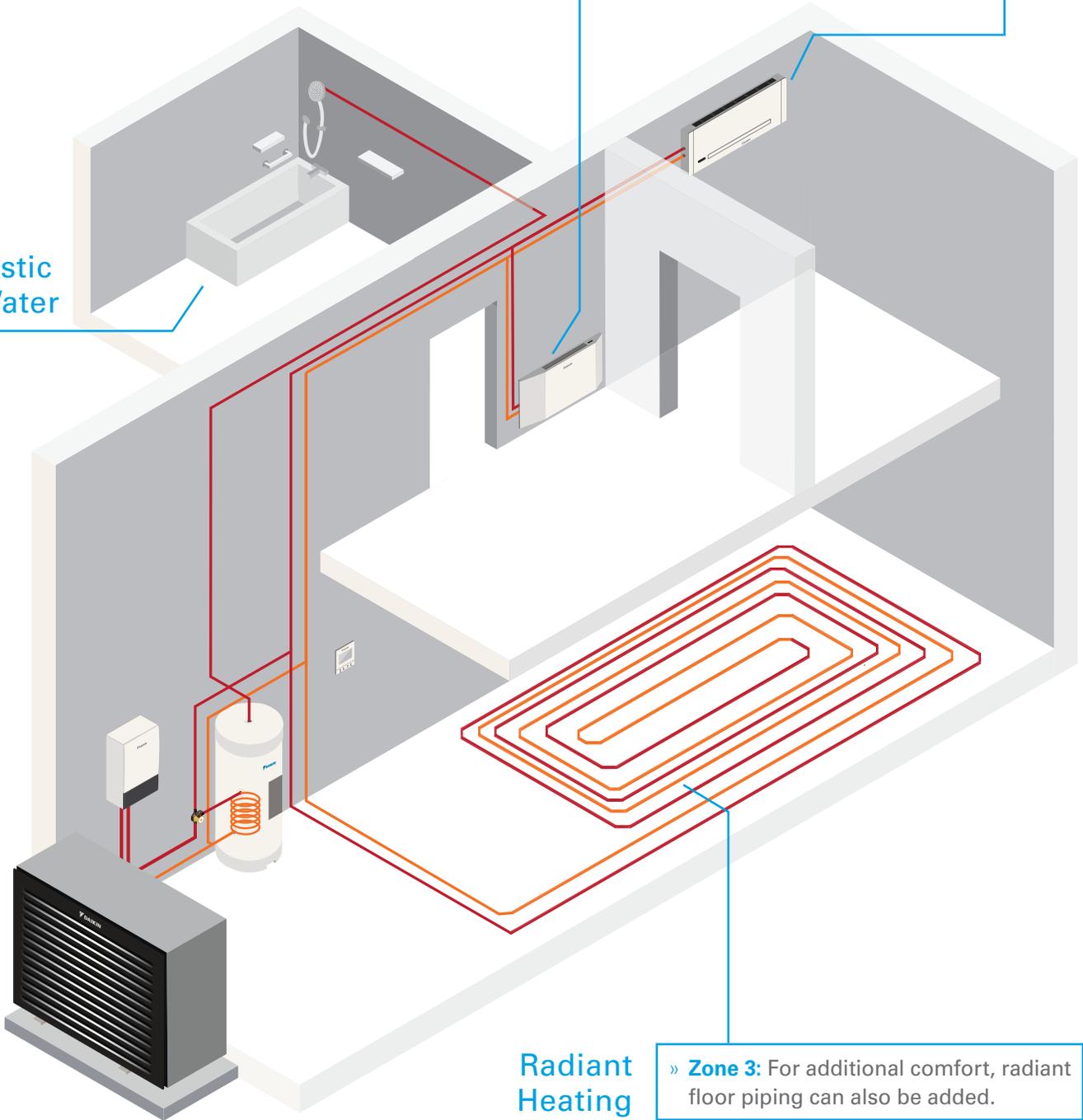
Floor-standing heat pump convector

» **Zone 1:** Bedroom/space equipped with Floor-standing heat pump convector.

High-wall heat pump convector

» **Zone 2:** Bedroom/space equipped with High-wall heat pump convector.

Domestic Hot Water



Radiant Heating

DUCTLESS HOME* EXAMPLE

* Visual representation of possible system connection.

Floor-standing heat pump convector

» **Zone 1:** Bedroom/space equipped with Floor-standing heat pump convector.

High-wall heat pump convector

» **Zone 2:** Bedroom/space equipped with High-wall heat pump convector.

Domestic Hot Water

Radiant Heating

» **Zone 3:** For additional comfort, radiant floor piping can also be added.

Hydronic Air Handler

» **Whole Home Comfort:** ALTHERMA 3 H HT can use (existing) duct work in combination with a hydronic air handler.

DUCTED HOME* EXAMPLE

* Visual representation of possible system connection.



BUILD YOUR SYSTEM | DISCOVER REBATES | FIND A CONTRACTOR

LEARN ABOUT DAIKIN HVAC:
www.daikincomfort.com





Daikin ALTHERMA Heat Pump Convectors

Floor-standing heat pump convector

The floor-standing heat pump convector can provide heating and cooling; impresses with its low sound operations and slim design.

- » High heating/cooling capacity through forced convection
- » Right and left-hand side connections available
- » The slim design is not only discreet, it provides fast and high capacity operation.
- » Integrated thermostat and on-board fully modulating controller allows for independent operation and instant zoning using single hydronic loop.



High-wall heat pump convector

The high-wall heat pump convector is for heating and cooling with wall mounting, a modern and compact unit in which all valves are housed. Wall mounting saves space in the room.

- » This heat pump convector reaches the selected temperature quickly and maintains it consistently quietly, thanks to the continuously modulated fan.
- » Integrated thermostat and on-board fully modulating controller allows for independent operation and instant zoning using single hydronic loop.
- » Sound pressure 25 dB(A) at about 3 ft.





Daikin ALTHERMA 3 H HT Indoor Units

Wall-mounted indoor unit (hydrobox)

All hydraulic components are included in the wall-mounted hydrobox for ease of installation and minimal field supplied components required.

- » Integrated 6 kW electric backup heater operating in steps of 2, 4, and 6 kW.
- » Easy access to PCB board and hydraulic components.
- » Compact dimensions allow for small installation space, as almost no side clearances are required.
- » Combine with the Daikin ALTHERMA stainless steel domestic hot water tank.

Advanced user interface

- » The Daikin Eye: The intuitive Daikin Eye shows you in real time the status of your system. Blue means everything is good! Should the eye turn red, an error has occurred.
- » Quick to configure: Upon login, completely configure the unit via the interface in 9 steps. Installers can even check if the unit is ready for use by running test cycles!
- » Easy operation: The interface is easy to use with just a few buttons and 2 navigational knobs.



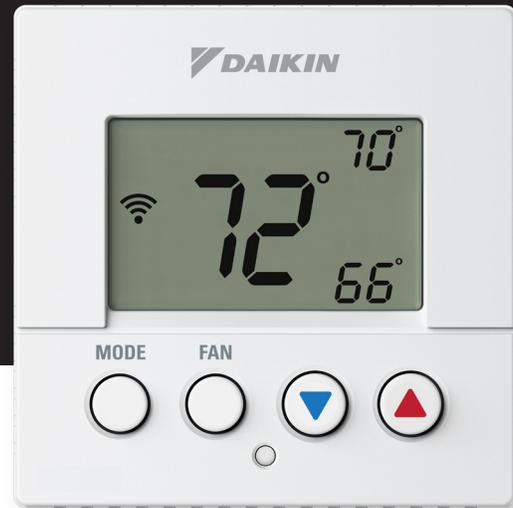
Stainless steel domestic hot water tank (optional)

The optional stainless steel indirect domestic hot water tank for Daikin ALTHERMA is available in 3 different sizes: 40, 50, and 80 gallons, providing application and installation flexibility.

- » High-quality insulation keeps heat loss to a minimum
- » Integrated recirculation connection
- » Connection for an optional anode
- » Integrated 3 kW electric booster heater with App functionality
- » NSF61 / 372 certification



CONNECTIVITY: Always in control.



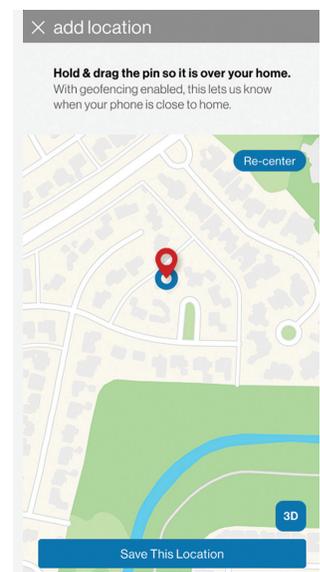
Daikin D2271 Connected Thermostat

The Daikin D2271 connected thermostat is ideal for standalone applications, especially in homes with older heating and cooling systems, and integrates seamlessly with Daikin's *ALTHERMA* 3-in-1 solution for heating, cooling, and hot water, helping homeowners monitor and control the system directly and via the *SkyportHome* app.

Key Features and Benefits:

- » **Mobile Access:** Homeowners can utilize *SkyportHome* to access their thermostat from across the room or across town.
- » **Connectivity:** Wi-Fi-enabled, allowing homeowners to sync with Amazon Alexa or Google Assistant for voice control (compatible with both iOS & Android™ devices).
- » **Indoor Comfort and Water Temperature Monitoring:** From a smart device, homeowners can not only monitor and control indoor temperature but also keep track of the water tank temperature.
- » **Scheduling and Control:** Program the thermostat to align with homeowner needs. The D2271 offers features such as: Adjust modes (Auto/Heat/Cool/Aux Heat/Emergency Heat), setpoints (Single/Dual), fan speed, and fan operation modes (On/Auto).
- » **Integrated Temperature and Humidity Sensors:**
 - » Built-in sensors actively monitor your indoor environment for optimal comfort.
- » **Over-The-Air Software Updates:** Up-to-date functionality with streamlined software updates via Wi-Fi.

- » **Efficiency:** Take advantage of the included features like Away Mode and Geo-Fencing, designed to help with energy-saving and set-point adjustments with ease (as long as there is an internet connection).
- » Backed by an outstanding 5-Year Parts Limited* Warranty



* Complete warranty available from your local dealer or at www.daikincomfort.com. Receive 5-Year Parts Limited Warranty. Limitations and exclusions apply, refer to complete warranty details for full list of limitations and exclusions.



Add further peace of mind with our comprehensive options for extended service plans.

Asure EXTENDED SERVICE PLAN

Daikin understands that you expect to enjoy years of uninterrupted service from your home comfort system. By including an *ASURE*

Extended Service Plan you can have peace of mind knowing that you won't be faced with unexpected repair or part replacement costs for your heating and air conditioning system. With an *ASURE* Extended Service Plan, your investment can be protected from the unplanned cost of a service call and from the increasing cost of service over the life of your equipment.

- » No unexpected repair bills
- » Prompt service provided by an authorized *ASURE* contractor
- » All repairs performed with Daikin brand replacement parts
- » No pre-authorization required

These benefits mean that you can count on staying cool in the summer and warm in the winter — an **AFFORDABLE** benefit that adds **VALUE** over the life of your home comfort product.

Contact your local Daikin sales representative or local contractor for more information on current extended service plans that are available to you.

**Talk to your Dealer/
Contractor about
Financing Options.**

Specifications: Outdoor / Indoor Units

Daikin ALTHERMA 3 H HT

Efficiency data				UTBX040EF6VJ + UPRA036DAVK	UTBX040EF6VJ + UPRA043DAVK
Space heating (1)	A44.6°F / W158°F	Heating capacity	Btu/h	28,885	36,106
		COP	W/W	1.99	1.99
	A44.6°F / W131°F	Heating capacity	Btu/h	35,503	42,265
		COP	W/W	3.05	3.05
	A44.6°F / W110°F	Heating capacity	Btu/h	34,958	41,617
		COP	W/W	3.85	3.85
	A44.6°F / W95°F	Heating capacity	Btu/h	34,733	41,349
		COP	W/W	4.86	4.86
	A5°F / W158°F	Heating capacity	Btu/h	27,570	34,463
		COP	W/W	1.50	1.50
	A5°F / W131°F	Heating capacity	Btu/h	32,924	39,195
		COP	W/W	1.86	1.86
A5°F / W110°F	Heating capacity	Btu/h	32,006	38,114	
	COP	W/W	2.18	2.18	
A5°F / W95°F	Heating capacity	Btu/h	31,354	37,326	
	COP	W/W	2.50	2.50	
Space cooling (2)	A95°F / W71.6°F	Cooling capacity	Btu/h	38,950	47,606
		EER	Btu/Wh	15.76	15.76
	A95°F / W64.4°F	Cooling capacity	Btu/h	35,999	43,331
		EER	Btu/Wh	14.08	13.91
	A95°F / W44.6°F	Cooling capacity	Btu/h	23,547	30,238
		EER	Btu/Wh	9.17	9.17
Indoor Unit				UTBX040EF6VJ	
Casing	Color			White + Black	
	Material			Resin, sheet metal	
Dimensions	Unit	Height x Width x Depth		in	
Weight	Unit			lb	
Piping Connections	Water circuit			in	
Operation range	Indoor installation	Ambient	Min ~ Max	°FDB	
Sound power level	Nom.			dBA	
Sound pressure level	Nom.			dBA	
Backup heater	Capacity			kW	
	Phase			1~	
Power supply (Backup heater)	Frequency			Hz	
	Voltage			V	
	MOP			A	
	MCA			A	
				33.9	
Outdoor Unit				UPRA036DAVK	UPRA043DAVK
Dimensions	Unit	Height x Width x Depth		in	
Weight	Unit			lb	
Compressor	Quantity			1	
	Type			Hermetically sealed scroll compressor	
Operation range	Heating	Ambient	Min ~ Max	°FDB	
		Water side	Min ~ Max	°F	
	Cooling	Ambient	Min ~ Max	°FDB	
		Water side	Min ~ Max	°F	
	Domestic hot water (6)	Ambient	Min ~ Max	°FDB	
		Water side	Min ~ Max	°F	
Piping Connections	Water inlet			in	
	Water outlet			in	
Refrigerant	Type			R-32	
	GWP			675	
	Charge			lb	
	Charge			tCO ₂ Eq	
	Control			Expansion valve	
Sound power level	Heating	Nom.	dBA	56 (7)	59 (7)
Sound pressure level	Heating	Nom.	dBA	43 (8)	48 (8)
Power supply	Phase			1~	
	Frequency			Hz	
	Voltage			V	
	MOP			A	
	MCA			A	

(1) Heating capacity at maximum operating frequency, measured according to EN 14511, and valid for heated water range ΔT = 5.4-14.4°F.

(2) Cooling capacity at maximum operating frequency, measured according to EN 14511, and valid for chilled water range ΔT = 5.4-14.4°F.

(3) Depends on operation mode, refer to installation manual.

(4) Measured with a pressure drop of 3.35 ft Hd in the heating system at an operating condition of leaving water 116.6-131°F in a room with an ambient of 68°F DB/WB 44.6°F/42.8°F.

(5) Value measured in an anechoic room at 3.28 ft distance from the unit. It is a relative value, depending on the distance and acoustic environment. The sound pressure level mentioned is measured with a pressure drop of 3.35 ft Hd in the heating system.

(6) Domestic hot water operation will be fulfilled by booster heater when Ta > 95°F.

(7) Cooling Ta 95°F - LWE 64.4°F (DT = 9°F); Heating Ta DB/WB 44.6°F/42.8°F - LWC 95°F (DT = 9°F).

(8) The sound pressure level is measured via a microphone at a certain distance from the unit. It is a relative value depending on the distance and acoustic environment.

Refer to sound spectrum drawing document (available in the engineering manual and on www.daikincomfort.com) for more information. Condition: Ta DB/WB 44.6°F/42.8°F - LWC 95°F (DT = 9°F).

Specifications: Domestic Hot Water Tank

Domestic Hot Water (DHW) Tank - optional

				UHWS40D3VJ	UHWS50D3VJ	UHWS80D3VJ
Casing	Color			Neutral white		
	Material			Epoxy-coated steel / Epoxy-coated mild steel		
Dimensions	Unit	Tank Height	in	39 3/8	49 13/16	68 11/16
		Tank Diameter	in	23 7/16		
Weight	Unit	Empty	lb	99.2	116.8	138.9
		Water volume	gal	38.3	50.7	77.1
Tank	Material			Stainless steel		
	Maximum water temperature			°F		
	Maximum water pressure			psi		
	Insulation	Heat loss	Btu/24h	3753 (1)	4436 (1)	5459 (1)
	Standing heat loss			Btu/h		
	Storage volume			gal		
Heat exchanger	Domestic hot water	Quantity		1		
		Tube material		Stainless steel		
		Face area	ft ²	11.3	19.4	19.4
		Internal coil volume	gal	1.3	2.2	2.2
		Operating pressure	psi	145		
Booster heater	Capacity		kW	3		
Power supply (Booster heater)	Phase			1~		
	Frequency		Hz	60		
	Voltage		V	208/230		
	MOP		A	20		
	MCA		A	16.25		

(1) Heatloss according to EN12897

Specifications: Wall-mounted HPC

Heat Pump Convector (HPC): Wall-mounted

Indoor unit			FWXT03AATSBC(L/R)	FWXT05AATSBC(L/R)	FWXT07AATSBC(L/R)	
Cooling capacity at 44.6/53.6°F	Min.	Btu/h	1,672	2,116	2,388	
	Med.	Btu/h	3,003	3,685	4,129	
	Max.	Btu/h	4,231	5,494	6,620	
Sensible cooling capacity at 44.6/53.6°F	Min.	Btu/h	1,262	1,774	1,945	
	Med.	Btu/h	2,388	2,934	3,480	
	Max.	Btu/h	3,344	4,334	5,187	
Heating capacity at 113/104°F	Min.	Btu/h	1,877	2,696	2,525	
	Med.	Btu/h	3,412	4,641	5,289	
	Max.	Btu/h	5,118	6,858	7,267	
Power input	Min.	W		5		
	Med.	W	8	9	10	
	Max.	W	19	20	29	
Fan speed	Min.	RPM		790		
	Med.	RPM		1,100		
	Max.	RPM		1,500		
Casing	Color			White, RAL 9003		
	Material			Metal sheet		
Dimensions	Unit	Height	in	13 3/16		
		Width	in	36 1/2	44 3/8	52 1/4
		Depth	in	5 1/16		
Weight	Unit	lb	30.86	35.27	41.89	
Heat exchanger	Quantity		1			
	Internal coil volume	gal	0.13	0.16	0.20	
	Max operating pressure	psi	145			
Water circuit	Hydraulic connection via NPT adapter		in	1/2		
	Piping material			Copper		
	Heating - Water pressure drop at 113/104°F	Min.	psi	0.74	0.70	0.87
		Med.	psi	1.74	0.91	0.93
		Max.	psi	2.36	1.04	1.17
	Cooling - Water pressure drop at 44.6/53.6°F	Min.	psi	0.70	0.68	0.80
		Med.	psi	1.74	0.91	0.93
		Max.	psi	1.70	0.73	0.77
	Heating - Water flow rate at 113/104°F	Min.	ft ³ /h	3.53	4.94	5.30
		Med.	ft ³ /h	6.00	8.48	10.59
		Max.	ft ³ /h	9.36	12.50	14.62
	Cooling - Water flow rate at 44.6/53.6°F	Min.	ft ³ /h	2.83	3.88	4.24
Med.		ft ³ /h	5.30	6.71	7.42	
Max.		ft ³ /h	7.49	9.75	11.72	
Sound power level	Pressure		Heating/Max.	145		
	Min.	dBA	35	36	37	
	Med.	dBA	46	47	48	
	Max.	dBA	53	54	55	
Operation range	Heating	Water side	Min.	°F		
			Max.	°F		
	Cooling	Water side	Min.	°F		
			Max.	°F		
	Indoor installation	Ambient	Min.	°FDB		
			Max.	°FDB		
Control systems	Infrared remote control		yes			
	On-board control		yes			
Electrical specifications			FWXT03AATSBC(L/R)	FWXT05AATSBC(L/R)	FWXT07AATSBC(L/R)	
Power supply	Phase		1~			
	Frequency	Hz	50/60			
	Voltage	V	115/230			
Electrical power consumption	Min.	W	5	5	5	
	Max.	W	19	20	29	
	Standby	W	1	1	1	
Current	Maximum absorbed current		A	0.20/0.10	0.24/0.12	0.32/0.16

Specifications: Floor-standing HPC

Heat Pump Convector (HPC): Floor-standing

Indoor unit				FWXV03AATSBU(L/R)	FWXV05AATSBU(L/R)	FWXV07AATSBU(L/R)
Cooling capacity at 44.6/53.6°F	Min.		Btu/h	2,661	3,753	3,856
	Med.		Btu/h	3,753	5,630	6,756
	Max.		Btu/h	5,528	9,008	10,202
Sensible cooling capacity at 44.6/53.6°F	Min.		Btu/h	1,979	2,798	2,900
	Med.		Btu/h	2,423	3,924	5,289
	Max.		Btu/h	4,265	6,517	7,950
Heating capacity at 113/104°F	Min.		Btu/h	2,969	3,822	3,787
	Med.		Btu/h	4,333	6,244	7,916
	Max.		Btu/h	6,688	9,759	11,942
Power input	Min.		W	6	7	8
	Med.		W	10	13	15
	Max.		W	19	25	31
Fan speed	Min.		RPM	720		
	Med.		RPM	1,220		
	Max.		RPM	1,700		
Casing	Color		White, RAL 9003			
	Material		Metal sheet			
Dimensions	Unit	Height	in	23 11/16		
		Width	in	39 5/16	47 3/16	55 1/16
		Depth	in	5 5/16		
Weight	Unit		lb	44.10	50.70	57.30
	Quantity			1		
Heat exchanger	Internal coil volume		gal	0.21	0.30	0.39
	Max operating pressure		psi	145		
Water circuit	Hydraulic connection via NPT adapter		in	1/2		
	Piping material		Copper			
	Heating - Water pressure drop at 113/104°F	Min.	psi	1.02	1.31	1.16
		Med.	psi	1.16	2.03	2.18
		Max.	psi	1.60	3.30	3.20
	Cooling - Water pressure drop at 44.6/53.6°F	Min.	psi	1.02	1.31	1.16
		Med.	psi	1.16	2.03	2.18
		Max.	psi	1.60	3.30	3.20
	Heating - Water flow rate at 113/104°F	Min.	ft ³ /h	5.30	7.06	6.71
		Med.	ft ³ /h	7.76	11.30	14.12
		Max.	ft ³ /h	12.00	17.62	21.54
	Cooling - Water flow rate at 44.6/53.6°F	Min.	ft ³ /h	4.59	6.70	6.70
		Med.	ft ³ /h	6.70	9.88	12.00
Max.		ft ³ /h	9.88	15.89	18.01	
Pressure	Heating/Max.		psi	145		
Sound power level	Min.		dBA	40	42	43
	Med.		dBA	47	49	50
	Max.		dBA	56	57	58
Operation range	Heating	Water side	Min.	°F 86		
			Max.	°F 176		
	Cooling	Water side	Min.	°F 39		
			Max.	°F 64.4		
	Indoor installation	Ambient	Min.	°FDB 41		
Max.			°FDB 90			
Control systems	Infrared remote control		no			
	On-board control		yes			
Electrical specifications				FWXV03AATSBU(L/R)	FWXV05AATSBU(L/R)	FWXV07AATSBU(L/R)
Power supply	Phase			1~		
	Frequency		Hz	50/60		
	Voltage		V	115/230		
Electrical power consumption	Min.		W	6	7	8
	Max.		W	19	25	31
	Standby		W	1	1	1
Current	Maximum absorbed current		A	0.32/0.16	0.36/0.18	0.52/0.26



WARNINGS:

- » Always use a licensed installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- » Use only those parts and accessories supplied or specified by Daikin. Ask a licensed contractor to install those parts and accessories. Use of unauthorized parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- » Read the Product Manual carefully before using this product. The Product Manuals provide important safety instructions and warnings. Be sure to follow these instructions and warnings.
- » For any inquiries, contact your local Daikin sales office.

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ADDITIONAL INFORMATION

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.

Our continuing commitment to quality products may mean a change in specifications without notice.

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