



**HEAT PUMP**

## DESIGNED TO FIT COMFORT, SPACE-SAVING, AND EFFICIENCY REQUIREMENTS WITH EASE.

The Daikin *Fit* system is a side discharge, smart HVAC system that won't compromise on comfort and connects to ducted solutions traditional to the unitary market. In a market saturated with expensive high-tiered inverters, the system provides a premium mid-efficiency inverter at an affordable rate. The low profile of the outdoor unit offers solutions when a traditional cube style cannot.

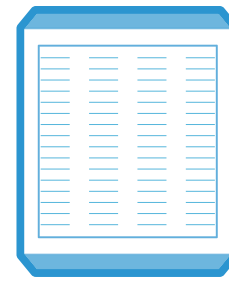


### Features and Benefits

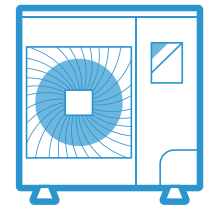
- » Up to **18 SEER** and **10 HSPF**
  - » **Compact** – The trunk style outdoor unit is perfect when installation space is limited
  - » **Inverter (variable-speed) Compressor** – Ideal indoor comfort and efficiency
  - » **Low dBA** – Reclaim outdoor space
  - » **Quiet-mode** – Provides enhanced acoustical comfort
  - » **Blue Fin Coat** – Long condenser coil life and reliability
  - » **Swing Compressor** – Quiet and dependable
  - » **Side panel access** – Ease of service
  - » **Lightweight** – Easier to handle and install (compared to traditional cube style systems)
- » **Intelligent Defrost Mode** – The outdoor unit will enable this mode to help prevent frost/ice from building up in cold climate conditions. It will also help with longer heating operation time for additional comfort for occupants (compared to HVAC systems without this function).
    - A selectable defrost backup heat option, when turned off, will lower power consumption during defrost.
  - » **Advanced water-shedding drain pan** – engineered with multiple drain holes and channels to help provide effective water shedding.
  - » **Hot start technology** – When the heating operation starts or when the unit changes from cooling to heating there is no cold draft released into the room.

# AFFORDABLE. EFFICIENT. SPACE-SAVING.

When installation space is limited, families shouldn't need to compromise on comfort. Ideal for zero lot lines, roof, wall, balcony, or terrace areas, the Daikin *Fit* features a new style solution allowing you to meet the demands of homes with the strictest of limitations with relative ease.



TRADITIONAL (CUBE STYLE)  
OUTDOOR UNIT



NEW DAIKIN *FIT* SIDE  
DISCHARGE SOLUTION

DAIKIN <i>FIT</i> - HEAT PUMP OUTDOOR UNIT							
Model Name	DZ17VSA 181A*	DZ17VSA 241A*	DZ17VSA 301A*	DZ17VSA 361A*	DZ17VSA 421A*	DZ17VSA 481A*	DZ17VSA 601A*
<b>Capacities and Ratings<sup>1</sup></b>							
Max. Cooling (BTU/h)	17,100	22,800	28,400	34,200	40,000	45,500	54,000
Max. Heating (BTU/h)	17,100	22,800	28,400	34,200	40,000	45,500	54,000
<b>Ambient Operation Range</b>	0 to 115 (-17.8 to 46.1) <sup>1</sup>						
Cooling (°FDB(°CDB))	-10 to 70 (-23.3 to 21.1) <sup>1</sup>						
Heating (°FDB(°CDB))							
<b>Compressor</b>							
Type	Swing Compressor	Swing Compressor	Swing Compressor	Swing Compressor	Swing Compressor	Swing Compressor	Swing Compressor
RLA	10.5	15.2	20.0	20.0	27.0	27.0	29.0
<b>Condenser Fan Motor</b>							
Horsepower (HP)	3/16	3/16	3/16	3/16	1/4	1/4	1/4
FLA	2.18	2.18	2.70	2.70	2.50	2.50	2.50
<b>Refrigeration System</b>							
Refrigerant Line Size							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"
Valve Connection Type	Front Sealing	Front Sealing	Front Sealing	Front Sealing	Front and Back Sealing	Front and Back Sealing	Front and Back Sealing
Refrigerant Charge (oz.)	81	81	88	88	118	118	127
Expansion Device	EEV	EEV	EEV	EEV	EEV	EEV	EEV
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	10±1°F	12±1°F	14±1°F	14±1°F	10±1°F	8±1°F	9±1°F
<b>Electrical Data</b>							
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity <sup>4</sup>	12.7	17.4	22.7	22.7	34.5	34.5	36.5
Max. Overcurrent Protection <sup>5</sup>	15	20	25	25	35	35	40
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2"	1/2"	1/2"	1/2"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
<b>Equipment Weight (lbs)</b>	116	116	125	131	170	170	183
<b>Ship Weight (lbs)</b>	135	135	143	150	185	185	198

\*\* Inverter/Controller limited to less than 1 Amp

<sup>1</sup> Tested and rated in accordance with AHRI Standard 210/240.

<sup>2</sup> Line set length should be <=50 ft if normal cooling mode ambient temperature is below 14°F (applies to select sizes, see Installation Instructions for details).

<sup>3</sup> Line set length >= 30 ft will have heating operation lockout at 15°F.

<sup>4</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes.

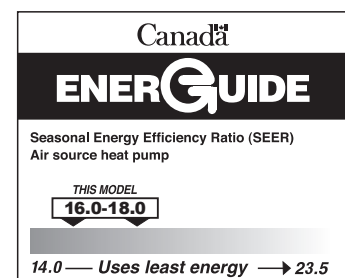
<sup>5</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

Notes: Always check the S&R plate for electrical data on the unit being installed. / System charge must be adjusted per Installation Instructions Final Charge Procedure.



THE DAIKIN *FIT* IS BACKED BY A 12-YEAR PARTS LIMITED WARRANTY\* AND A 12-YEAR UNIT REPLACEMENT LIMITED WARRANTY\*

\* Complete warranty details available from your local dealer/contractor or at [www.daikincomfort.com](http://www.daikincomfort.com). To receive the 12-Year Unit Replacement Limited Warranty and 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Additional requirements for annual maintenance are required for the Unit Replacement Limited Warranty. Online registration and some of the additional requirements are not required in California or Quebec.



## 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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PF-FITHP 11-20