DAIKIN

HEAT PUMP

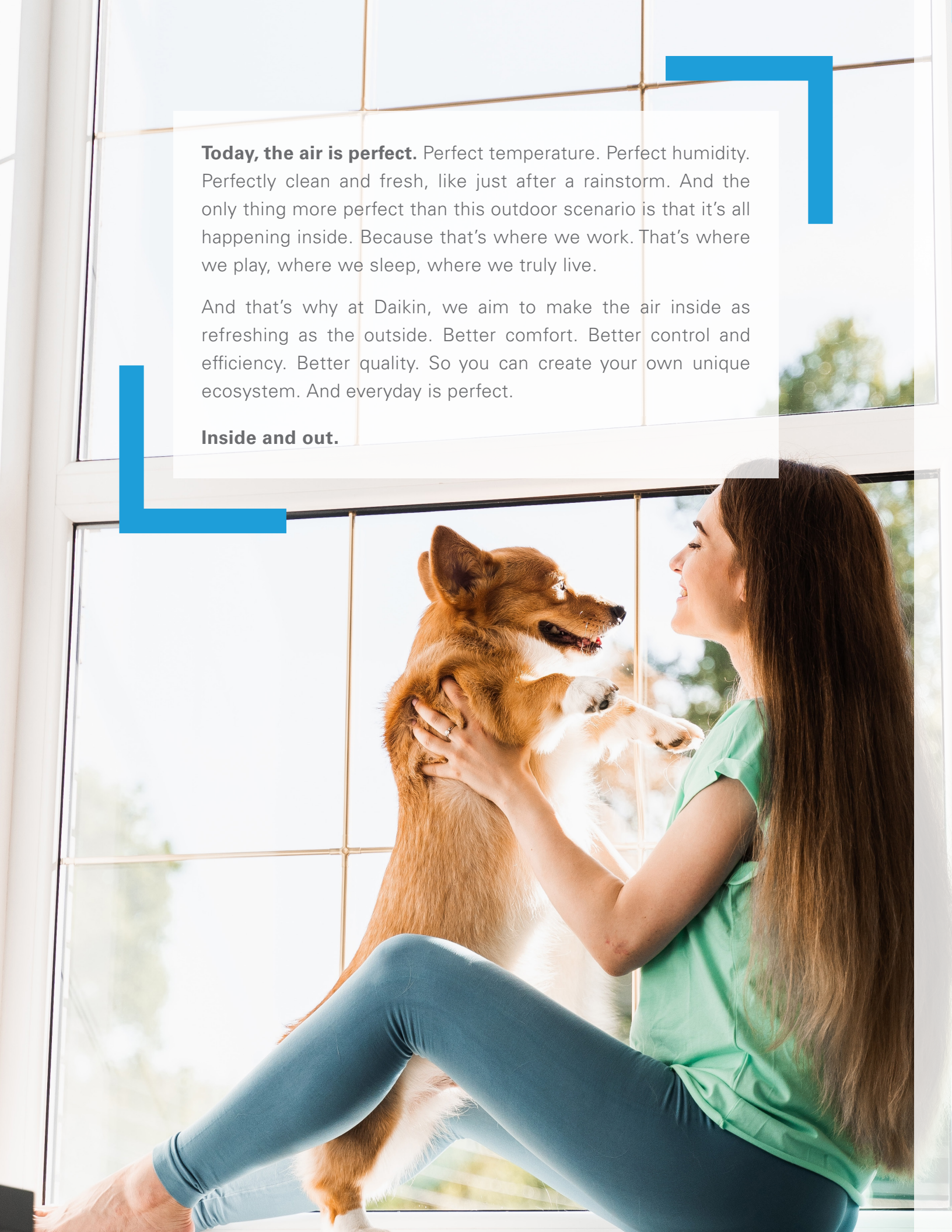


FIT

DAIKIN *FIT*



FLEXIBLE. INNOVATIVE. TECHNOLOGY.
QUIET / SPACE-SAVING / EFFICIENT
LOW PROFILE HEAT PUMP WITH
INVERTER (VARIABLE-SPEED) TECHNOLOGY



Today, the air is perfect. Perfect temperature. Perfect humidity. Perfectly clean and fresh, like just after a rainstorm. And the only thing more perfect than this outdoor scenario is that it's all happening inside. Because that's where we work. That's where we play, where we sleep, where we truly live.

And that's why at Daikin, we aim to make the air inside as refreshing as the outside. Better comfort. Better control and efficiency. Better quality. So you can create your own unique ecosystem. And everyday is perfect.

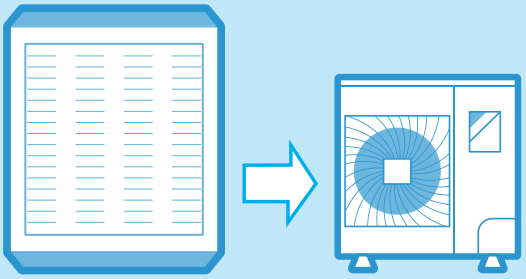
Inside and out.

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.

AFFORDABLE. EFFICIENT. SPACE-SAVING.

When installation space is limited, families shouldn't need to compromise on comfort. Ideal for zero lot lines, roof, wall, 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







FEATURES AND BENEFITS

- Up to **17.5 SEER2 and 8.6 HSPF2**
- **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, up to 3 different sounds levels as low as 45 dB(A)
- **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.

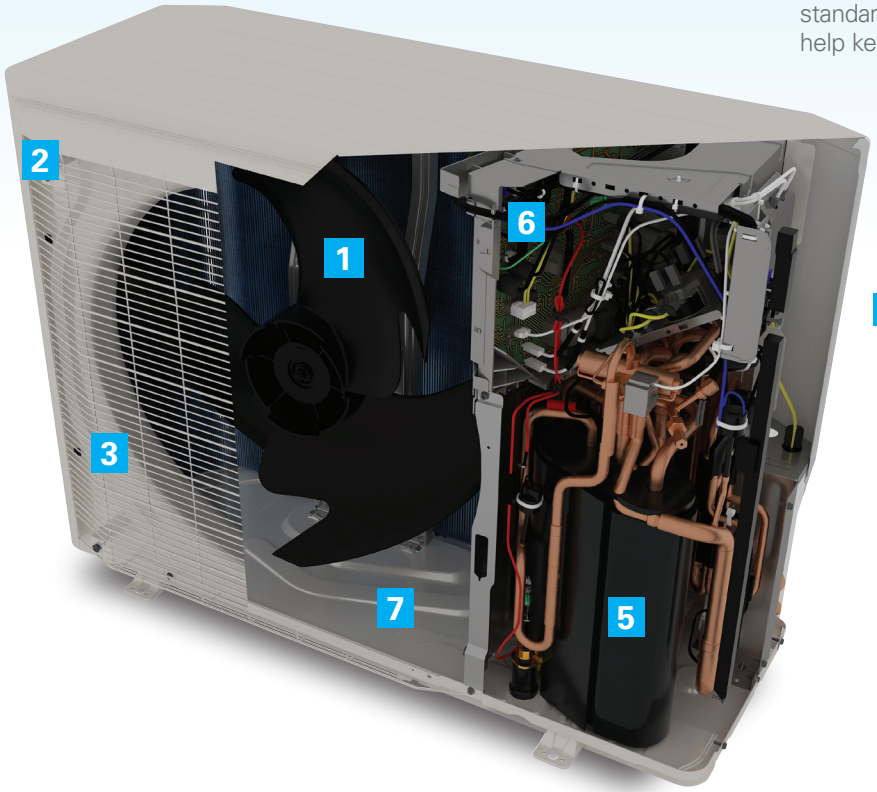
THE DAIKIN *FIT* IS BACKED BY A 12-YEAR PARTS LIMITED WARRANTY* AND A 12-YEAR UNIT REPLACEMENT LIMITED WARRANTY*

* Complete warranty details available from your local dealer/contractor or at www.daikincomfort.com. 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 Québec. The duration of warranty coverages in Texas and Florida differs in some cases.

DAIKIN *FIT* OUTDOOR UNIT — DZ6VS

1 Variable-Speed DC Fan.
High efficiency and low sound levels.

2 Blue Fin Corrosion Coating.
1000 hours salt spray rated as standard. Hydrophilic coating to help keep the coil clean.



3 7mm Coil.
High heat exchanger efficiency and compact casing design.

4 Inverter Board Cooled by Refrigerant Circuit[1].
Elimination of condenser fan pressure drop caused by heat sink used on previous generations.

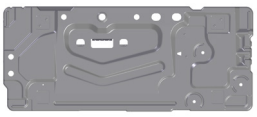
5 Daikin Swing Compressor.
High efficiency. Low sound levels.



6 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.

7 Advanced water-shedding drain pan.
Engineered with multiple drain holes and channels providing effective water shedding.

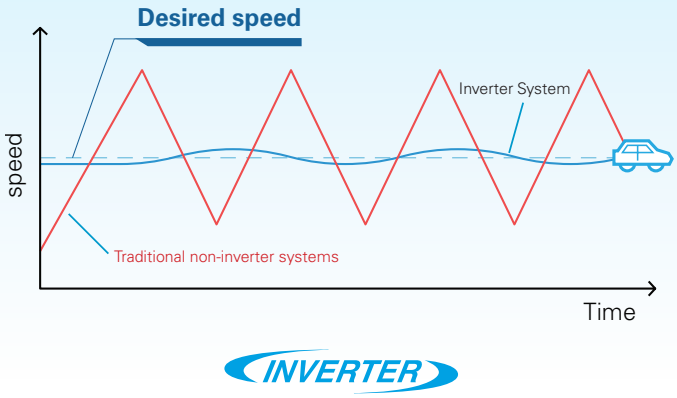


[1]Model specific, refer to product engineering manual for details.

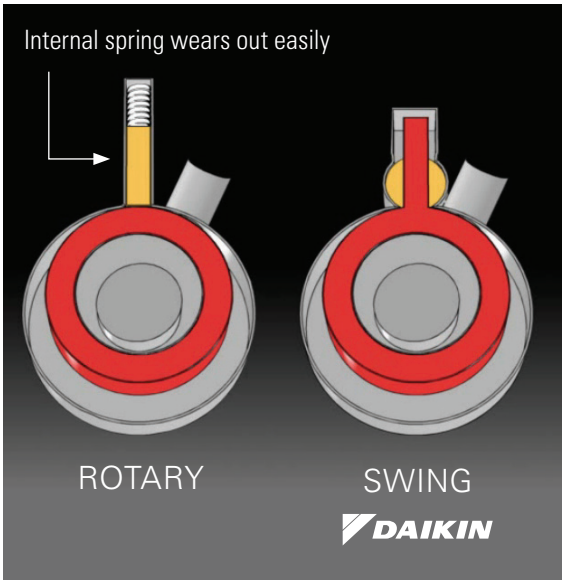
VISIT THE DAIKIN *FIT* MICROSITE TO LEARN MORE:
www.daikincomfort.com/go/FIT/

DAIKIN INVERTER TECHNOLOGY

Wouldn't it be great if your cooling and heating system weren't an energy hog? Daikin inverter technology helps systems run at an energy-conserving level, despite the climate conditions, by making slight adjustments to the compressor's speed. Daikin systems will reach the desired temperature faster and maintain a more constant temperature compared to traditional ON/OFF systems. It will not frequently start and stop the "old fashioned way" just as a car is more efficient and comfortable traveling on a highway than it is in stop-and-go city traffic.



LEARN MORE ABOUT THE BENEFITS OF INVERTER TECHNOLOGY:
www.daikincomfort.com/go/inverter/

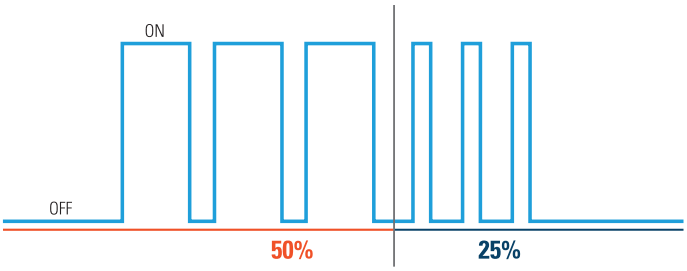


PROPRIETARY SWING COMPRESSOR

Daikin *FIT* systems are engineered with Daikin swing compressor technology. This technology brings additional peace of mind to every homeowner. The main parts are integrated into one main component minimizing wear and tear on the system. This enhanced functionality is designed to help eliminate refrigerant leaks from high side to low side and is an ideal compressor choice for high (under 65,000 Btu/h) efficiency systems, such as the Daikin *FIT*.

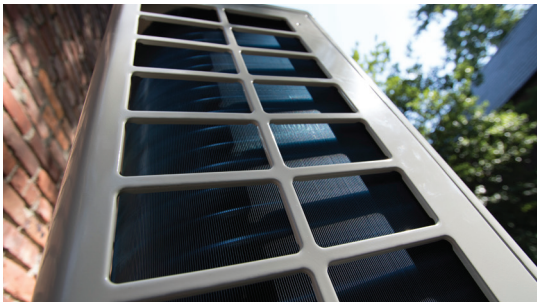
VARIABLE-SPEED DC FAN

Our Daikin variable-speed DC fan motor operates with PWM (Pulse Width Modulation). With PWM, the Daikin *FIT* operates using adequate energy based on load requirements, providing enhanced operational efficiency (compared to systems without PWM). The image to the right is an example of what PWM power pulses look like (may differ depending on system, and load requirements).



PWM (Pulse Width Modulation) as used in the DC fan motor

DAIKIN BLUE FIN CORROSION COATING



Daikin *FIT* systems feature our professional engineered hydrophilic Blue Fin coating (1000+ hours salt spray rated) as standard. The Blue Fin corrosion coating protects the outdoor unit against weather conditions and reduces friction to allow water to drain quicker from the coil and washes the coil clean.

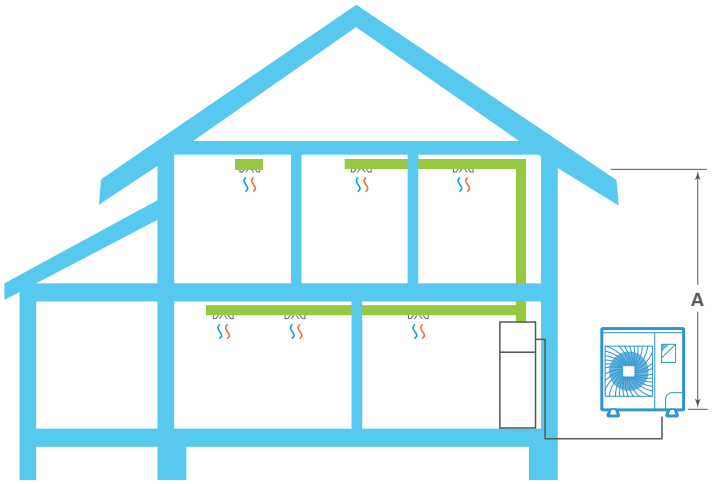
FLEXIBLE PIPING CAPABILITIES

The Daikin *FIT* system is a great choice for most single, two, and three-story homes with existing ductwork. The ability to utilize existing line sets, and connect up to 100' of pipe, for typical installations, (braze connections – no flare) can offer new solutions to overcome project obstacles.

CONNECTING PIPING (maximum)							
1.5 - 5 ton							
Length				Height			
100 ft.				90 ft.			
ALLOWABLE LINE SET DIAMETER							
UNIT TONS	Liquid			Suction			
	1/4"	5/16"	3/8"	5/8"	3/4"	7/8"	1 1/8"
1.5	x	x	x	x[1]	x		
2.0		x	x	x[1]	x		
2.5		x	x		x[1]	x	
3.0		x	x		x[1]	x	
3.5			x			x	x
4.0			x			x	x
5.0			x			x	x

x Allowable combination

[1] For marked combinations, if normal ambient operation temperature is less than 14°F, limit line set length to 50 ft. max.



ENHANCED CAPACITY

ALLOWABLE LINE SET DIAMETER							
UNIT TONS	Liquid			Suction			
	1/4"	5/16"	3/8"	5/8"	3/4"	7/8"	1 1/8"
2.0		x	x		x*[1]	x	
3.0			x			x	x
3.5			x			x	x
4.0			x			x	x

x Allowable combination

*[1] For marked combinations, if normal ambient operation temperature is less than 4°F, limit line set length to 50 ft. max.





DESIGNED TO FIT:

- APPLICATION
- BUDGET
- COMFORT
- DESIGN

DID YOU KNOW YOU MAY BE ABLE TO TAKE ADVANTAGE OF STATE AND LOCAL REBATES?

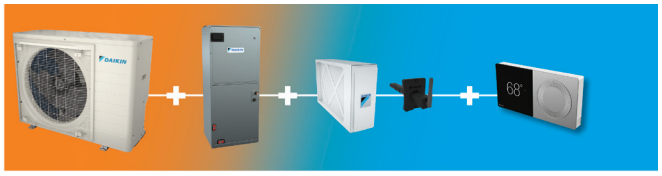
Visit **www.daikincomfort.com/rebates** to see if you are eligible!

Application

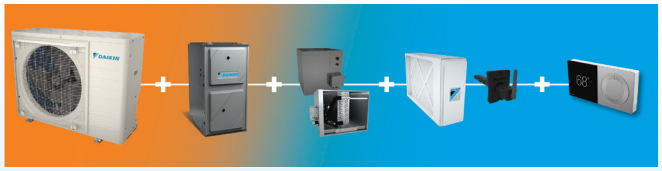
A NEW SOLUTION FOR EVEN THE MOST UNIQUE PROJECTS:

- Mid-efficiency heat pumps can be applied across North America
- Perfect alternative to the traditional cube style unitary products in a 1:1 application
- Traditional homes, townhomes, bungalows, condos, zero lot line homes, patios, terrace, and multi-story locations that would typically require a crane
- Install using existing ductwork and existing line sets
- Space-saving low profile trunk style outdoor unit for easy carrying and installation in tight spaces
- Ease of service and maintenance with a quick-to-access side panel
- New DVFEC Air Handler with 7 mm evaporator coils
- Utilize EEV coil family: CAPEA (Upflow/Downflow) with 7mm evaporator coils
- Connects with any Daikin communicating gas furnace 80% and 90%+ for dual fuel capability
- Compatibility with the Daikin *One*+ smart thermostat, Daikin *One* touch smart thermostat, and other Daikin communicating equipment
- For additional IAQ (Indoor Air Quality) control, add Daikin *One* ecosystem and CleanComfort® solutions

DAIKIN *FIT* HEAT PUMP



DAIKIN *FIT* HEAT PUMP WITH **DUAL FUEL**



PARTIAL OFFERING AVAILABLE:
1.5 TO 5 TONS WITH UPFLOW/DOWNFLOW COILS

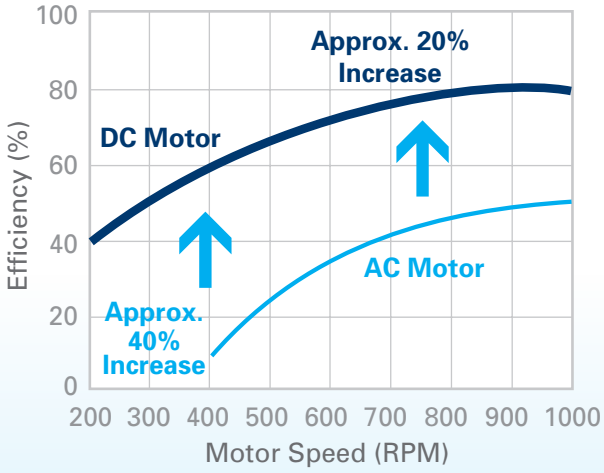
Budget

OPERATIONAL EFFICIENCIES THAT DRIVE SAVINGS:

The inverter compressor is the heart of a Daikin *FIT* system. Daikin's inverter technology is responsible for delivering intelligent comfort with efficiency, based on demand. The inverter (variable-speed) compressor delivers the capacity required to maintain desired room conditions, typically reducing energy consumption by up to 30% or more (compared to traditional fixed-speed 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.
- The enhanced functionality of the variable-speed DC fan motor can offer an increase of approximately 20% in efficiency (compared to systems with a conventional AC motor).

DC Motor Efficiency
(Comparison with a Conventional AC Motor)



Note: Data is based on studies conducted under controlled conditions at a Daikin laboratory.

Comfort

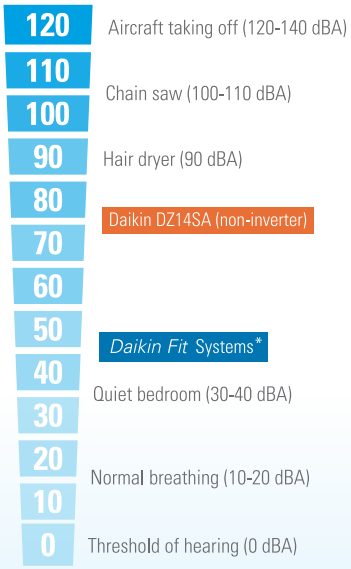
IDEAL TEMPERATURE AND LOW SOUND LEVELS:

Traditional (non-inverter) systems offer basic ON/OFF operation mode only. With the compressor turning ON/OFF constantly, the system works to reach set indoor temperature. With inverter technology, the Daikin *FIT* system, can adjust operations to meet the desired comfort levels.

» **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.

Undesirable operational sounds often accompany non-inverter (traditional) HVAC systems. These continuous sounds can become a nuisance in yards, or when the system is installed near a window. With the ability to reach sound power levels as low as 45 dB(A), the Daikin *FIT* system can help bring additional acoustical comfort to any environment (inside and out).

SOUND LEVELS AS LOW AS:



*In quiet mode.

Design

COMPACT FOOTPRINT TO MEET DESIGN DEMANDS:

Feature rich design in a compact footprint that includes:

» **Blue Fin Coat:** Long condenser coil life and reliability

» **Swing Compressor:** Quiet and dependable

» **Advanced Water-Shedding Drain Pan:** Engineered with multiple drain holes and channels to help provide effective water shedding.

With clearance space as little as 4" from a wall and compact size, the Daikin *FIT* system works when installation space is limited.

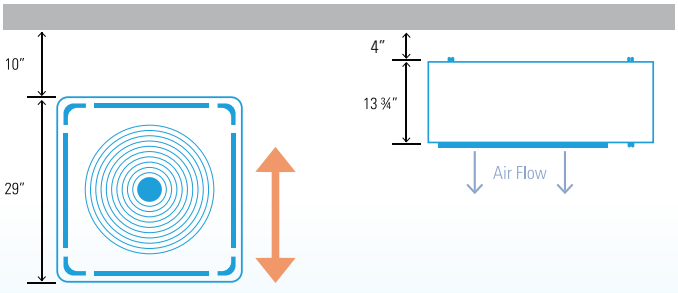
» FIT more in your HVAC tech van or truck; 4 – 5 Daikin *FIT* units as opposed to 1 or 2 traditional systems

» Easy to bring to the installation site and install on pad — the single fan unit can be transported by a single worker or on a dolly

UNIT DIMENSIONS	
1.5-3 TON	**3.5-5 TON**
W: 36.6" x D: 13.8" x H: 27.4"	W: 37" x D: 12.6" x H: 39"

ENHANCED CAPACITY MODEL UNIT DIMENSIONS	
2 TON	**3, 3.5, 4 TON**
W: 36.6" x D: 13.8" x H: 27.4"	W: 37" x D: 12.6" x H: 39"

TRADITIONAL CUBE STYLE: 29" CUBIC | **DAIKIN *FIT* SIDE DISCHARGE**





DFVE MULTI-POSITION, VARIABLE-SPEED, ECM-BASED AIR HANDLER

- **Multi-position AHU:** Upflow/ downflow, and horizontal left/right orientations.
- **7mm All Aluminum Evaporator Coil:**
  - Enhance indoor comfort.
  - Outstanding heat transfer properties
  - Improve refrigerant balance between Indoor and Outdoor unit.
- **Variable-speed Electrically Commutated Motor (ECM):**
  - Provides gradual startup and shutdown for unobtrusive operation with lower energy consumption.
  - Constant low-speed operation for outstanding filtration and comfort levels.
- **Electronic Expansion Valve:**
  - Better utilization of Evaporator.
  - Wide operation range.
- **Communicating:** Compatibility with the Daikin *One*+ smart thermostat, Daikin *One* touch smart thermostat, and other Daikin communicating equipment.

BACKED BY A 12-YEAR PARTS LIMITED WARRANTY*

*Complete warranty details available from your local dealer/contractor or at www.daikincomfort.com. To receive the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec. The duration of warranty coverages in Texas and Florida differs in some cases.



80-97% AFUE COMMUNICATING GAS FURNACE

- **Durable heat exchanger:** Unique tubular stainless-steel construction formed using wrinkle-bend technology results in an extremely durable heat exchanger. Paired with a stainless-steel secondary heat exchanger, this combination provides for reliability, durability and efficiency.
- **Modulating gas valve:** Operates between 35% - 100% capacity, providing precise efficiency and the ultimate in comfort.
- **Continuous air circulation:** Provides filtration and keeps air moving throughout your home to help maintain comfort.
- **Self-diagnostic control board:** Continuously monitors the system for consistent, reliable operation.
- **Quiet, variable-speed induced draft blower:** Provides precise control and enhanced energy-efficient performance as compared to single-speed blowers.

LEARN MORE AT: **www.daikincomfort.com/products/heating-cooling/whole-house/air-handlers-coils**



CAPEA – ALL ALUMINUM COILS

- Available in 1.5-Ton through 3-Ton capacities
- Engineered for compatibility with Daikin *FIT* outdoor units
- Electronic Expansion Valve (EEV) models feature
  - Communicating (Compatible with the Daikin *One*+ smart thermostat, Daikin *One* touch smart thermostat, and other Daikin communicating equipment).
  - Cooling and heat pump applications
  - Fault recall of six most recent faults
  - PID control loop for precision capacity control
- Seamless integration to full suite of Daikin controls using communicating control board
- Light weight all aluminum evaporator coil
- Air cleaner and humidifier integration capable (rules apply, refer to installation manual for details).
- Foil-faced insulation covers internal casing to reduce cabinet condensation
- Ships factory standard upflow with easy field conversion to downflow
- UV and rust resistant, 5VA rated thermoplastic drain pan with integrated secondary drain

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MBVC – MULTI-POSITION AIR HANDLER

- Communicating (Compatible with the Daikin *One*+ smart thermostat, Daikin *One* touch smart thermostat, and other Daikin communicating equipment).
- Variable-speed ECM indoor blower motor
- Provides constant CFM over a wide range of static pressure conditions independent of duct system
- CFM indicator
- Fault recall of six most recent faults
- Built-in dehumidification feature
- Blower section usable as an electric furnace
- 21 inch deep cabinet for easier attic access
- Control board includes a blower time-delay in the cooling mode
- Foil-faced insulation lines the cabinet to help reduce operating sound and cabinet condensation
- Horizontal or vertical configuration

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ENHANCE YOUR ECOSYSTEM WITH OUR ARRAY OF INDOOR AIR QUALITY SOLUTIONS

DAIKIN *ONE* HOME AIR MONITOR*



Detect:

›› The Daikin *One* home air monitor will monitor and learn baseline air quality in the home, over 7 days, then provide a rolling 7-day average baseline.

›› When potential particulate and/or chemical events occur outside of this average baseline, the system will detect the potential deviation and send alerts to the Daikin *One*+ or Daikin *One* touch smart thermostat.

Visualize:

›› From a Daikin *One*+ or Daikin *One* touch smart thermostat, visualize the estimated air quality in real-time directly on the thermostat or through the smartphone app.

›› Indoor Air Quality Event Monitor – from this option, see when particles or chemicals are elevated compared to the 7-day baseline to help to understand and control your air.

The readings will include:

– **Green** - typical concentrations in the home
– **Yellow** - elevated concentrations in the home
– **Orange** - very elevated concentrations in the home

Act:

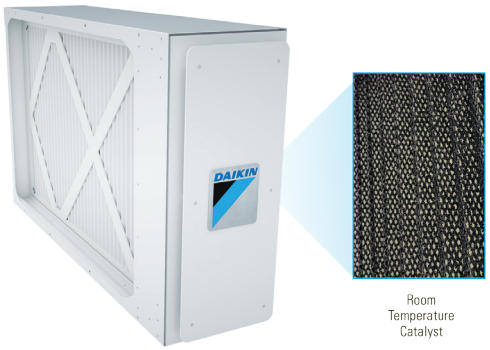
›› With built-in *AIR INTELLIGENCE*, the Daikin *One* home air monitor and Daikin *One* ecosystem provide adaptive solutions homeowners advance through their Daikin *One*+ or Daikin *One* touch smart thermostat based on air quality alerts.

– Turn on the furnace or air handler to increase filtration through the high-efficiency Daikin premium air cleaner to address particles.

– Turn on exhaust/ventilation or open a window to help reduce detected chemicals within the home.

*Only compatible with unitary inverter systems.

DAIKIN *ONE* PREMIUM AIR CLEANER



›› The Daikin *One* premium air cleaner is a MERV 15 media filter that removes more than 85% of particles down to 0.3 microns*

›› Pleated media filter removes over 98 of Aspergillus fumigatus, Aspergillus versicolor, and Stachybotrys chartarum from the airstream*

›› Pleated media filter removes over 99% of Ragweed, over 72% of Cat Dander, and over 73% of Dust Mites from the airstream*

›› Extra deep, 5¼" pleated filter constructed of cellulose-free, hydrophobic polyolefin fibers

›› Room Temperature Catalyst: Degrades formaldehyde and ozone

›› Filter should be changed once or twice a year based on conditions within the home

* Testing performed by LMS Technologies, Inc. Specification values may vary due to individual systems.

DAIKIN *ONE* POWERED VENTILATOR



›› Includes a MERV 16 filter that helps reduce airborne particulates from the incoming air stream (Optional MERV 13 filters are available)

›› Compact and versatile design: can be wall or ceiling-mounted in an attic, basement, garage, or crawl space

›› Cost-effective mechanical ventilation for homes with quiet operation

›› Adjustable climate control limits air from entering the house when the on-board sensors detect temperature and/or humidity outside of selected ranges

›› Suitable for use in single and/or multi-family projects

›› Delivers between 40 and 100 CFM[1] of air to the home, adjustable in 10 CFM increments

›› Home Ventilating Institute (HVI) Certified performance / ETL listed

[1] When a MERV 16 filter is used

INNOVATIVE CONTROL SOLUTIONS.

- See indoor temperature, change set-points, or switch modes
- Run the thermostat on a weekly schedule
- Activate "away" mode to conserve energy
- Monitor air quality and change settings



Daikin *One* touch smart thermostat

Daikin *One+* smart thermostat

Features:

- Simple, elegant industrial design
- Capacitive touchscreen user interface
- Wi-Fi-enabled smart thermostat with iOS and *Android* app control
- Voice control by *Amazon Alexa* and *Google Assistant*
- Energy and comfort functions: Away mode, geo-fencing
- Outdoor environment monitoring: outdoor temperature, outdoor humidity, and weather forecast
- Compatible with Daikin *One* home air monitor for IAQ visualization
- Error and service notifications
- Multi-language support: English, Spanish, and French
- Programmable schedule with adjustable hold function
- Compatible with Daikin *One* cloud service

Control is available through popular voice-activated speakers.



JUST ASK alexa

works with the Google Assistant

12 YEAR LIMITED WARRANTY*

THE DAIKIN *ONE* TOUCH AND DAIKIN *ONE+* SMART THERMOSTATS ARE BACKED BY AN OUTSTANDING 12-YEAR[1] LIMITED WARRANTY*

* Complete warranty details available from your local dealer/contractor or at www.daikincomfort.com. To receive the 12-Year Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec. The duration of warranty coverages in Texas and Florida differs in some cases.

[1] 12-Year Limited Warranty is available for owner-occupied residences only. For non-owner-occupied residences, the warranty period is 10-years. For multi-family and/or commercial applications, the warranty period is 5-years.

ADD EXPERT CONTROL FOR YOUR EASE OF USE

Many Daikin products are compatible with the Daikin *One* smart thermostats. If you seek ultimate home comfort, the Daikin *One+* and Daikin *One* touch smart thermostats are an integrated solution for controlling temperature, humidity, and air quality. Learn more at www.daikinone.com.

ONE
CLOUD
SERVICES

For systems compatible with the Daikin *One+* and Daikin *One* touch smart thermostats, connection to Daikin *One* cloud services is possible. This enables you to grant permission to your installing dealer to receive notifications on your system from the Daikin cloud. Granting your dealer access through Daikin *One* cloud services allows the Daikin cloud to notify your dealer when your system needs maintenance, alert them if your system ever has an urgent need, and provide detailed performance information on your system. Daikin *One* cloud services can even allow your dealer to provide contactless resolution to some issues remotely. The first year of Daikin *One* cloud services is included with purchase. Ask your Daikin contractor for more information!

SPECIFICATIONS

DAIKIN *FIT* - HEAT PUMP OUTDOOR UNIT							
Model Name	DZ6VSA 1810A*	DZ6VSA 2410A*	DZ6VSA 3010A*	DZ6VSA 3610A*	DZ6VSA 4210A*	DZ6VSA 4810A*	DZ6VSA 6010A*
Capacities (AHRI Rated)[1]							
Max. Cooling (BTU/h)	16,600	22,200	27,800	33,600	39,500	45,000	53,000
Max. Heating (BTU/h)	17,400	23,200	28,800	34,600	40,000	45,500	54,500
Ambient Operation Range	0 to 115 (-17.8 to 46.1)						
Cooling (°F DB(°C DB))	-10 to 70 (-23.3 to 21.1)						
Heating (°F DB(°C DB))							
Compressor							
Type	Swing Compressor	Swing Compressor	Swing Compressor	Swing Compressor	Swing Compressor	Swing Compressor	Swing Compressor
RLA	10.0	13.4	16.8	16.8	25.5	25.5	26.9
Condenser Fan Motor							
Horsepower (HP)	0.09	0.09	0.20	0.20	0.36	0.36	0.36
FLA	1.15	1.15	2.00	2.00	1.63	1.63	1.63
Refrigeration System							
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 Sealiing	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	15±1°F	8±1°F	9±1°F	9±1°F
Electrical Data							
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[2]	14.6	18.8	23.9	23.9	34.4	34.4	36.2
Max. Overcurrent Protection[3]	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"
Equipment Weight (lbs)	122	122	132	137	168	168	179
Ship Weight (lbs)	137	137	147	151	185	185	198

[1] Tested and rated in accordance with AHRI Standard 210/240.
[2] Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes.
[3] Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

DAIKIN *FIT* - HEAT PUMP OUTDOOR UNIT - ENHANCED CAPACITY MODELS				
Model Name	DZ6VSA241EA*	DZ6VSA 361EA*	DZ6VSA421EA*	DZ6VSA 481EA*
Capacities (AHRI Rated)[1]				
Max. Cooling (BTU/h)	23,000	34,200	40,000	44,000
Max. Heating (BTU/h)	23,000	34,200	40,000	44,000
Ambient Operation Range	0 to 115 (-17.8 to 46.1)			
Cooling (°F DB(°C DB))	-10 to 70 (-23.3 to 21.1)			
Heating (°F DB(°C DB))				
Compressor				
Type	Swing Compressor	Swing Compressor	Swing Compressor	Swing Compressor
RLA	16.8	25.5	26.9	26.9
Condenser Fan Motor				
Horsepower (HP)	0.20	0.36	0.36	0.36
FLA	2.00	1.63	1.63	1.63
Refrigeration System				
Refrigerant Line Size				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	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"
Suction Valve Size ("O.D.)	7/8"	7/8"	7/8"	7/8"
Valve Connection Type	Front Sealing	Front and Back Sealing	Front and Back Sealing	Front and Back Sealing
Refrigerant Charge (oz.)	88	118	127	127
Expansion Device	EEV	EEV	EEV	EEV
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	14±1°F	8±1°F	9±1°F	9±1°F
Electrical Data				
Voltage / Phase (60 Hz)	208-230/1	208-230/1	208-230/1	208-230/1
Minimum Circuit Ampacity[2]	23.9	34.4	36.2	36.2
Max. Overcurrent Protection[3]	25	35	40	40
Min / Max Volts	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
Equipment Weight (lbs)	132	168	179	179
Ship Weight (lbs)	147	185	198	198
Enhanced Capacity Cold Climate	ENERGY STAR COLD CLIMATE	ENERGY STAR COLD CLIMATE	ENERGY STAR COLD CLIMATE	ENERGY STAR COLD CLIMATE

[1] Tested and rated in accordance with ANSI/AHRI Standard 210/240.
[2] Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes.
[3] Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

DFVE

Model	Nominal Tons	Dimensions			Connection Size		Ship Weight (lbs)
		W"	D"	H"	Liquid"	Suction"	
DVFE24BP1400	2	17½	21	45	⅜	¾	115
DFVE36CP1400	3	21	21	53 7/16	⅜	⅞	140
DFVE42CP1400	3½	21	21	53 7/16	⅜	⅞	140
DFVE48DP1400	4	24½	21	53 7/16	⅜	⅞	150
DFVE60DP1400	5	24½	21	58	⅜	⅞	167

The manufacturing entity reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

CAPEA

Model	Dimensions			Nominal Cooling Tons	Connection Size		Ship Weight (lbs)
	W"	D"	H"		Liquid"	Suction"	
CAPEA1818B4	17½	21	18	1½ - 2	⅜	¾	43
CAPEA1818C4	21	21	18	1½ - 2	⅜	¾	45
CAPEA2422B4	17½	21	22	2 - 2½	⅜	¾	48
CAPEA2422C4	21	21	22	2 - 2½	⅜	¾	51
CAPEA3026B4	17½	21	26	3	⅜	⅞	54
CAPEA3026C4	21	21	26	3	⅜	⅞	57
CAPEA3026D4	24½	21	26	3	⅜	⅞	62

The manufacturing entity reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

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 in the event of an equipment failure, Daikin will pick up the cost of the repair. For only pennies a day, your 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 a authorized Asure℠ Dealer
- All repairs performed with Daikin authorized replacement parts
- No pre-authorization required
- No out-of-pocket deductible

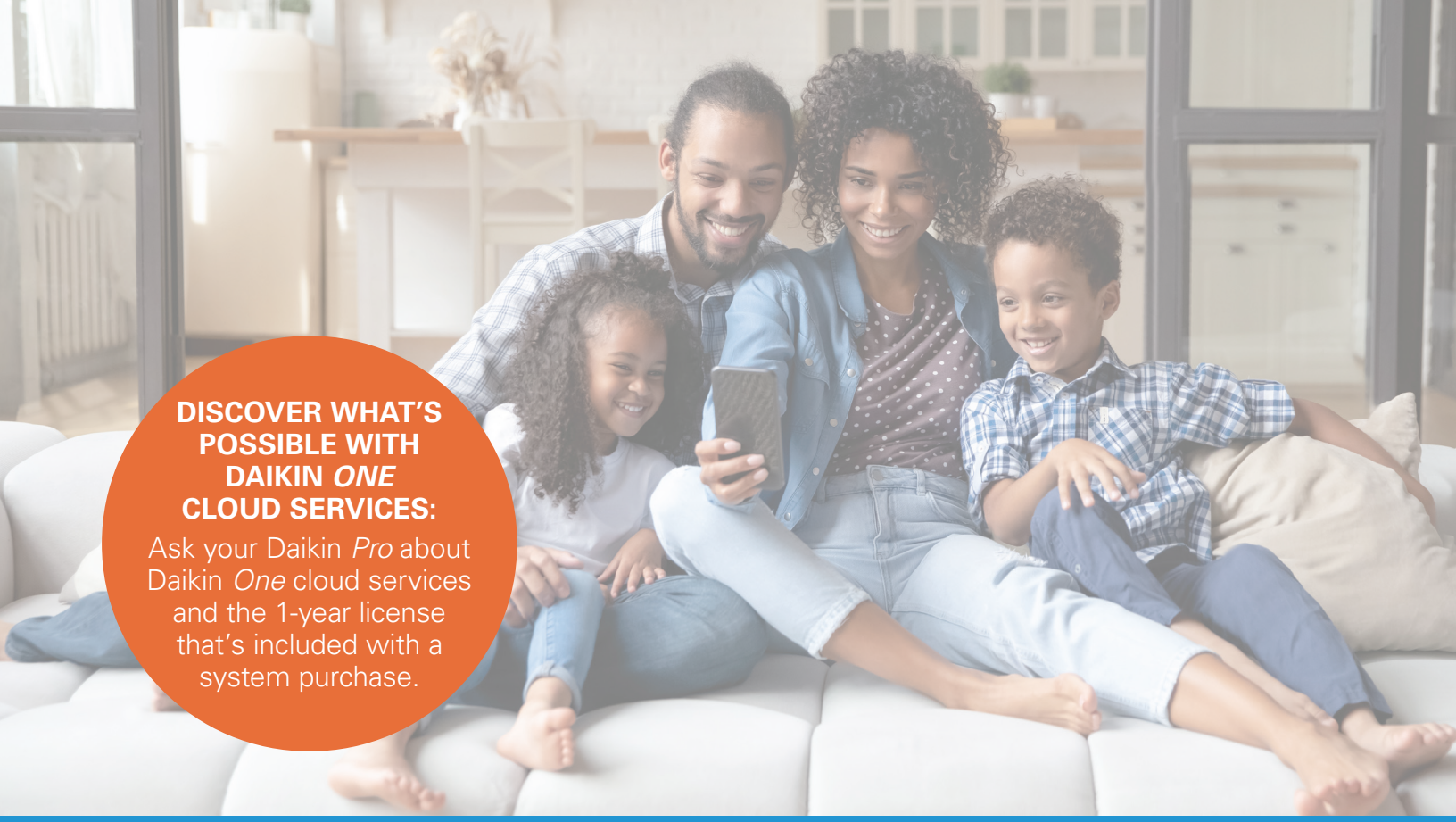
These benefits mean that you can count on staying cool in the summer and warm in the winter — an AFFORDABLE benefit that adds VALUE over the life of your home comfort product.

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



Financing for your Daikin home comfort system is available via EGIA.

For more details and enrollment information, visit **www.egia.org/daikin** or call **888-691-0387.**



DISCOVER WHAT'S POSSIBLE WITH DAIKIN *ONE* CLOUD SERVICES:

Ask your Daikin *Pro* about Daikin *One* cloud services and the 1-year license that's included with a system purchase.

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 User's Manual carefully before using this product. The User's Manual provides 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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ENERGY STAR COLD CLIMATE

Select DZ6VS heat pump models meet the **ENERGY STAR®** cold climate requirements. Please refer to product engineering manuals for additional information or visit www.energystar.gov.

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REGULATIONS 2023 COMPLIANT

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.

DAIKIN

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