

DV Series

Our "DV" Series, rated up to 17.7 SEER, offers economical zone control because only the room or area being used is conditioned and inverter technology matches the compressor speed to the room's changing temperature requirements.

A wireless remote makes it easy to select both temperature and mode, and a handy holder comes with the remote. With the "Follow" feature activated, the remote detects the temperature at its location and the unit adjusts operation to reach the set point wherever the remote is located in the room.

The indoor air handler features a sleek design that extends just $7\frac{3}{8}$ " to $8\frac{5}{16}$ " into the room, depending on the model. And the air handler has a self-cleaning evaporator coil with gold fin anti-corrosive coating which prevents bacteria from breeding and spreading.

Not only is the air handler visually unobtrusive, it's also so quiet you'll forget it's even there. Fan speed and mode can be selected so the air flow provides the comfort needed without being disruptive. All models feature three fan speeds.

Built with quality components, the system includes a three minute delay at start-up to protect the compressor from short cycling and, for heat pump models, to prevent cold air blow.

Ambient operating temperature:
cooling 5° to 122° F, heating 5° to 86° F.

FEATURES

- **Super Efficient**—Rated as high as 17.7 SEER and 11.5 EER
- **Whisper Quiet**—High tech fan in the indoor unit delivers balanced air flow
- **Temperature Compensation**—Indoor unit adjusts automatically as needed to eliminate stratification between ceiling and floor temps
- **Auto Swing**—Continually adjusts air flow direction for a gentle, breeze-like effect
- **Multiple Modes**—Cooling, dehumidification only, air circulation (heating in heat pump models) plus:
 - Sleep mode • 24-hour timer • Turbo mode
- **Auto Operation**—Automatically adjusts to maintain a constant temperature humidity level
- **Superior Filtration**—Nano silver air filter releases silver ions that eliminate bacteria in the air while gold fin evaporator coating prevents the breeding and spreading of bacteria
- **Leak Detection**—Signals if unit begins losing refrigerant charge
- **Auto Restart**—Reverts to the last setting following a power failure
- **Auto Defrost**—On heat pump models; also sump and crankcase heater to keep oil warm and reduce the need for defrosting



SINGLE ZONE COOLING ONLY/HEAT PUMPS

*Twelve models to choose from
9,000 to 24,000 BTUH*



Indoor Unit



Outdoor Unit



*Includes a fully featured
wireless remote*



*optional
wired thermostat
(requires accessory
display)*

Warranty—6 years on compressor, 5 years on parts
(Some limitations apply; see printed warranty for details.)

Single zone cooling only and heat pump models with inverter technology

DV SERIES

FEATURES	Cooling Only				Heat Pump Models				
	DVC09SF-0	DVC12SF-0	DVC18SF-1	DVC24SF-1	DVH09SF-0	DVH12SF-0	DVH12SF-1	DVH18SF-1	DVH24SF-1
Power Supply	115-1-60	115-1-60	208/230-1-60	208/230-1-60	115-1-60	115-1-60	208/230	208/230-1-60	208/230-1-60
Cooling Capacity (BTUH)	9,000	12,000	18,000	23,000	9,000	12,000	12,000	18,000	24,000
SEER/ EER	16.0/11.0	16.5/10.0	16.0/10.5	17.0/10.6	17.0/11.5	17.2/10.5	17.5/11	17.7/11.0	16.0/9.0
HSPF	-	-	-	-	9.0	9.0	9.0	9.8	9.0
Cooling Amps	7.1	10.4	7.5	9.4	7	10.4	4.8	7.2	11.2
Dehumidification (Pts/Hr.)	2	2.5	3.8	7.2	2.1	2.5		3.8	5.5
Heating Capacity (BTUH)	-	-	-	-	9,500	12,000	11,800	18,000	24,000
Heating Amps	-	-	-	-	8.4	10	4.5	8.5	10.7
INDOOR UNIT									
Air flow (CFM)	242/198/142	280/252/171	388/265/224	618/471/324	247/177/129	294/212/141	294/206/141	388/265/224	589/459/335
Fan Speeds (Cool/Heat/Fan)	3/ - /3	3/ - /3	3/ - /3	3/ - /3	3/3/3	3/3/3	3/3/3	3/3/3	3/3/3
Sound Level (dBA) H-M-L	37/-/24	38.5/-/24.5	45/39/33	50/-/38	36.5/-/22	38/-/24	38/30/23	44/-/26.5	45.5/-/33
AIR DIRECTION									
Vertical Adjustment	Remote	Remote	Remote	Remote	Remote	Remote	Remote	Remote	Remote
Horizontal (left/right)	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Auto Swing Up and Down	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
INDICATOR LAMPS									
ON/OFF	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
24 Hr. Timer/Sleep Mode	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Defrost	N/A	N/A	N/A	N/A	Standard	Standard	Standard	Standard	Standard
Temperature Setting	Remote Temperature Set Range: 62°F to 86°F				Remote Temperature Set Range: 62°F to 86°F				
INDOOR UNIT DIMENSIONS									
Width (inches)	28 ⁷ / ₁₆	31 ⁹ / ₁₆	38	42 ⁷ / ₁₆	28 ⁷ / ₁₆	31 ⁹ / ₁₆	31 ⁹ / ₁₆	38	42 ⁷ / ₁₆
Height (inches)	11 ⁷ / ₁₆	11 ¹¹ / ₁₆	12 ⁹ / ₁₆	13 ⁹ / ₁₆	11 ⁷ / ₁₆	11 ¹¹ / ₁₆	11 ¹¹ / ₁₆	12 ⁹ / ₁₆	13 ⁹ / ₁₆
Depth (inches)	7 ⁹ / ₈	7 ⁷ / ₁₆	8 ¹ / ₂	8 ¹⁵ / ₁₆	7 ³ / ₈	7 ⁷ / ₁₆	7 ⁷ / ₁₆	8 ¹ / ₂	8 ¹⁵ / ₁₆
Net Wt/Shipping Wt (lbs.)	15.9/19.8	16.3/20.3	24.7/28	28.9/36.8	16.5/20.9	18.7/22.5	18.3/23.8	26.0/34.2	29.1/37.0
OUTDOOR UNIT DIMENSIONS									
Width (inches)	30 ⁹ / ₁₆	30 ⁵ / ₁₆	31 ¹ / ₂	33 ⁹ / ₁₆	30 ⁹ / ₁₆	30 ⁵ / ₁₆	30 ⁹ / ₁₆	31 ¹ / ₂	36
Height (inches)	21 ⁷ / ₈	21 ⁷ / ₈	21 ¹³ / ₁₆	27 ⁹ / ₈	21 ⁷ / ₈	21 ⁷ / ₈	21 ⁷ / ₈	21 ¹³ / ₁₆	23 ¹⁵ / ₁₆
Depth (inches)	11 ¹³ / ₁₆	11 ¹³ / ₁₆	13 ¹ / ₈	14 ⁹ / ₁₆	11 ¹³ / ₁₆	11 ¹³ / ₁₆	11 ¹³ / ₁₆	13 ¹ / ₈	14 ⁹ / ₁₆
Net Wt/Shipping Wt (lbs.)	63.9/69.4	65.0/71.7	68.3/72.8	98.8/110.7	63.9/69.4	65.0/70.5	70.1/75.4	80.5/87.1	136.7/147.3
ELECTRICAL DATA OUTDOOR UNIT*									
Main Power Connection	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
Min. Circuit Ampacity	15A	15A	11A	16A	15	15	15	15	18
Max. Fuse/HACR Circuit Breaker	20A	20A	15A	25A	20	20	20	20	25
Recommended Indoor/Outdoor Connecting Cable*	14 AWG / 4 conductor 600V THHN unshielded bare copper				14 AWG / 4 conductor 600V THHN unshielded bare copper				
LINE SETS O.D. (inch)									
Liquid Connection (flare) (inch)	1/4	1/4	1/4	3/8	1/4	1/4	1/4	1/4	3/8
Suction Connection (flare) (inch)	3/8	1/2	1/2	5/8	3/8	1/2	1/2	1/2	5/8
Maximum Line Set Length ¹	82 feet	82 feet	98 feet	98 feet	82 feet	82 feet	82 feet	98 feet	98 feet
Maximum Elevation (outdoor) ²	33 feet	33 feet	66 feet	66 feet	33 feet	33 feet	33 feet	66 feet	66 feet
ACCESSORIES									
Wired Thermostat/ Ready Display	7603-950	7603-950	7603-950	7603-951	7603-950	7603-950	7603-950	7603-950	7603-951



* Always follow local, state and national electrical codes.

¹ Min. 10 ft. line set recommended.

² Oil traps should be installed every 16.5 to 23 feet (5-7m) when the outdoor unit is installed above the indoor unit.

"This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65."

Design, specifications and performance data subject to change without notice.

