Dial HVAC



CORE

STANDARD SERIES

SINGLE-ZONE MINI-SPLIT HEAT PUMPS

Core Series mini-split heat pumps provide reliable, efficient comfort from innovative inverter technology inside a durable and proven platform.





- Up to 19 SEER2, 9.9 HSPF2-4 efficiency using eco-friendly R454B and inverter compressors.
- dB Whisper-quiet operation – outdoor as low as 52.0 dB(A), indoor as low as 19 dB(A).
- Standard Filter has high-density PP filter mesh that captures dust, pet dander, and large airborne particulate matter.
- WiFi enabled operation and full-featured remote included with all models.
- Multiple Modes: Sleep Mode, Dry Mode, Timer, Turbo, Auto-Restart & more.

AHRI CERTIFIED® www.ahridirectory.org
Unitary Small HP
AHRI Standard 210/240
Certification applies only when the complete system is listed with AHRI.

ETL LISTED c US

R454B

5 YEARS WARRANTY COMPRESSOR

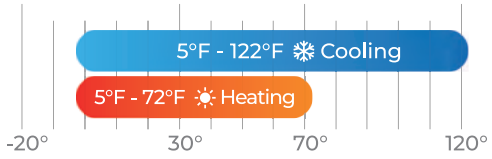
5 YEARS WARRANTY PARTS

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Indoor Model	DCS09W1A1	DCS09W2A1	DCS12W1A1	DCS12W2A1	DCS18W2A1	DCS24W2A1
Indoor Part No.	80530	80534	80532	80536	80538	80540
Outdoor Model	DCS091H1A1	DCS091H2A1	DCS121H1A1	DCS121H2A1	DCS181H2A1	DCS241H2A1
Outdoor Part No.	80531	80535	80533	80537	80539	80541
SYSTEM						
Voltage / Freq. / Ph.	115V / 60 / 1	208/230V / 60 / 1	115V / 60 / 1	208/230V / 60 / 1	208/230V / 60 / 1	208/230V / 60 / 1
Factory Charge (oz.)	R454B 16.23	R454B 20.46	R454B 20.46	R454B 20.46	R454B 38.10	R454B 54.67
Max. Line Set	82 ft.	82 ft.	82 ft.	82 ft.	98 ft.	164 ft.
Max. Height Diff.	49 ft.	49 ft.	49 ft.	49 ft.	65 ft.	82 ft.
Line Set Diameter	1/4" x 3/8"	1/4" x 3/8"	1/4" x 3/8"	1/4" x 3/8"	1/4" x 1/2"	3/8" x 5/8"
PERFORMANCE						
Cooling Capacity	9000	9000	12000	12000	17000	24000
Heating Capacity	9800	10000	12000	12000	18000	24000
SEER2 / EER2	18.0 / 10.1	19.0 / 10.9	19.0 / 8.8	18.0 / 8.8	18.3 / 9.9	17.0 / 9.0
HSPF2-4 / HSPF2-5	9.0 / 7.0	9.7 / 7.5	9.2 / 7.0	8.8 / 7.0	8.7 / 6.7	8.5 / 6.9
Rated COP	2.65	3.37	2.84	2.89	2.88	2.78
ELECTRICAL						
Current Cooling (A)	9.4	3.7	14.1	5.9	7.6	11.4
Current Heating (A)	11.6	3.9	13.1	5.3	8.2	11.0
Max. Fuse / Breaker Size	20A	15A	20A	15A	20A	20A
Min. Circuit Amp. (A)	17.0	10.0	19.5	10.0	15.0	19.0
INDOOR UNIT						
CFM (T/H/M/L)	294/265/212/159	312/294/241/177	312/312/241/177	312/294/241/177	459/447/359/264	588/518/447/341
Sound Level dB(A)	41/35/27/19	42/35/27/19	42/35/27/19	42/35/27/19	44/38/30/19	49/46/41/31
H x W x D (in.)	11.2 x 28.2 x 7.6	11.2 x 28.2 x 7.6	11.2 x 31.7 x 7.6	11.2 x 31.7 x 7.6	11.9 x 37.7 x 8.4	12.9 x 40.9 x 8.7
Weight (lbs.)	15.9	17.4	17.6	17.4	23.4	29.1
OUTDOOR UNIT						
Sound Level dB(A)	54.5	54.5	52.0	54.5	57.0	60.5
H x W x D (in.)	19.5 x 28.4 x 10.6	19.5 x 28.4 x 10.6	19.5 x 28.4 x 10.6	19.5 x 28.4 x 10.6	21.9 x 30.1 x 11.9	26.5 x 35.0 x 13.5
Weight (lbs.)	53.4	51.6	53.8	51.6	62.2	96.3

OPERATING TEMPERATURE RANGES



Nomenclature:

Indoor

D	C	S	09	W	1	A	1
Dial	Core	Std	kBTU	Wall Mount	115V/230V	Min. Rev.	Maj. Rev.

Outdoor

D	C	S	09	1	H	1	A	1
Dial	Core	Std	kBTU	Zones	Heat Pump	115V/230V	Min. Rev.	Maj. Rev.

COMPLETE INSTALLATION SOLUTIONS



120/240V 25kA Surge Protective Device
Part No. 73021

60A 120/240V Non-Fusible Surge-Guard Disconnect
Part No. 76140

Replacement 60A Surge-Guard Pullout
Part No. 76141

OTHER AVAILABLE ACCESSORIES

- Wi-Fi Modules
- EZ-Pull UV Line Sets
- Line Set Covers
- Condensate Management
- PolarPad Equipment Pads
- Electrical Disconnects

Notes:

1. Refer to all local, state, and national electrical codes.
2. Minimum 10 ft. line set required, 15 ft. recommended.
3. Oil traps should be installed for every 20 feet of elevation between IDU and ODU.
4. Factory charge of refrigerant is sufficient for up to 25 feet of line set. For longer line sets, refer to IOM for additional charge required.

Refer to the **Accessories Guide** for complete specifications, compatibility details, and system integration information to ensure proper selection across all installation accessories.

SCAN ME