Dial HVAC



TITAN

STANDARD SERIES



SINGLE-ZONE MINI-SPLIT HEAT PUMPS

Titan Series mini-split heat pumps are engineered to perform efficiently and deliver exceptional comfort under some of the most demanding ambient conditions.



- Up t o 21.6 SEER2, 9.4 HSPF2-4 efficiency using eco-friendly R454B and inverter compressors.
- Whisper-quiet operation – outdoor as low as 52.5 dB(A), indoor as low as 18.5 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. Wired programmable control or 24V mini-interface sold separately; mini-interface supports most 24V conventional thermostats.
- Multiple Modes: Sleep Mode, Dry Mode, Timer, Silent Mode, 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

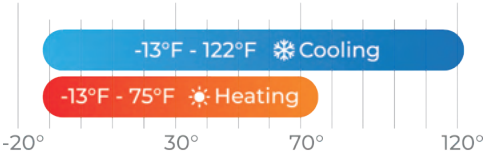
7 YEARS WARRANTY COMPRESSOR

7 YEARS WARRANTY PARTS

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Indoor Model	DTS09W1A1	DTS09W2A1	DTS12W1A1	DTS12W2A1	DTS18W2A1	DTS24W2A1
Indoor Part No.	80542	80546	80544	80548	80550	80552
Outdoor Model	DTS091H1A1	DTS091H2A1	DTS121H1A1	DTS121H2A1	DTS181H2A1	DTS241H2A1
Outdoor Part No.	80543	80547	80545	80549	80551	80553
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 21.52	R454B 21.52	R454B 24.34	R454B 24.69	R454B 40.57	R454B 53.62
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	18000	24000
Heating Capacity	10000	10000	12000	12000	18800	24000
SEER2 / EER2	21.5 / 12.5	21.6 / 12.6	21.3 / 10.0	21.3 / 10.8	20.2 / 11.5	18.5 / 9.6
HSPF2-4 / HSPF2-5	9.1 / 7.0	9.4 / 7.2	8.7 / 6.7	9.2 / 7.0	9.1 / 7.0	9.0 / 7.1
Rated COP	3.15	3.27	3.15	3.34	3.08	3.22
ELECTRICAL						
Current Cooling (A)	7.6	4.8	12.3	4.9	7.0	11.1
Current Heating (A)	9.4	4.0	11.4	4.7	8.0	9.9
Max. Fuse / Breaker Size	20A	15A	20A	15A	20A	20A
Min. Circuit Amp. (A)	18.0	12.0	19.0	13.0	15.0	19.0
INDOOR UNIT						
CFM (T/H/M/L/S)	312/235/171/135/106	306/247/177/141/141	353/294/235/177/130	347/294/194/153/153	471/400/330/271/271	730/547/400/330/330
Sound Level dB(A)	44/37/33/23/19	43/39/33/24/20	45/41/37/28/19	46/41/35/24/19	49/45/38/23/19	54/46/41/28/22
H x W x D (in.)	11.5 x 28.7 x 7.9	11.5 x 28.7 x 7.9	11.6 x 31.6 x 7.9	11.6 x 31.6 x 7.9	12.6 x 38.2 x 9.0	13.3 x 42.6 x 9.2
Weight (lbs.)	18.3	18.1	19.4	19.0	25.4	30.6
OUTDOOR UNIT						
Sound Level dB(A)	53.0	53.5	52.5	53.0	58.0	62.0
H x W x D (in.)	21.9 x 30.1 x 11.9	21.9 x 30.1 x 11.9	21.9 x 30.1 x 11.9	21.9 x 30.1 x 11.9	21.8 x 31.7 x 13.0	26.5 x 35.0 x 13.5
Weight (lbs.)	56.7	54.2	61.3	59.1	72.3	94.6

OPERATING TEMPERATURE RANGES



Nomenclature:

Indoor

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

Outdoor

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

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.

COMPLETE INSTALLATION SOLUTIONS



Mini-Interface for Standard 24V Thermostats
Part No. 80670



Wired Programmable Control, WiFi Enabled
Part No. 80669



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

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

SCAN ME