

DELUXE SERIES SINGLE ZONE DUCTLESS HEAT PUMPS

The Comfortmaker Deluxe Series single zone ductless heat pumps are driven by variable-speed inverter compressors. When paired with QuietComfort Series indoor units, these systems work together seamlessly for homeowners giving superior energy efficiency, quiet performance, and the ability to control it from anywhere.

Features and Benefits

Efficiency

- Up to 27.5 SEER2 and Up to 12.5 HSPF2 when paired with the D5CSHAH Heat Pump with the D5FSHAH High Wall
- D5CSHAH has a max EER2 of 18 and D5CLHAH has an EER2 up to 12
- D5CSHAH & D5CLHAH heat pumps provide reliable heating at -22F/-30C

Performance

- D5CSHAH residential heat pump operates at sounds as low as 53 dB(A) and D5CLHAH light commercial heat pump as low as 62.5 dB(A)
- D5CSHAH has a max piping length of 164 ft. and D5CLHAH has a max piping length of 246 ft.
- D5CSHAH heat pump available in new 33k capacity

Installation

- Ductless indoor units powered by heat pumps
- D5CSHAH compatible with QuietComfort Series: high wall, 1-way cassette, 4-way cassette, floor console, underceiling console, low static ducted, high static ducted, or multi-positional air handler
- D5CLHAH compatible with QuietComfort Series: 4-way cassette, underceiling console, high static ducted indoor units, or multi-positional air handler



D5CSHAH
(12k size shown)



D5CSHAH
(36k size shown)



D5CLHAH
(58k size shown)

R-410A Models		
QuietComfort	DLCSRBH	Heat Pump
	New	



R-454B Models		
Deluxe	D5CSHAH	Heat Pump
	D5CLHAH	Lt. Commercial Heat Pump

Flexibility for Dealers and Peace of Mind for Homeowners

Certifications & Credits*

- Most combinations qualify for Energy Star
- D5CSHAH & D5CLHAH heat pumps qualify for IRA tax credits

Comfortmaker No Hassle Warranty

- To the original owner, Comfortmaker Deluxe heat pumps qualify for a 10 year No Hassle Replacement. We'll replace your unit if the compressor or coil fails within the covered period. This provides extra coverage in addition to a 10-year parts limited warranty.**

System Sustainability

- Only supports R-454B as refrigerant
- Indoor units equipped with refrigerant detection sensor

The Comfortmaker Difference

When you choose Comfortmaker ductless equipment, you're choosing enhanced dependability and innovation in home comfort. We are proud to give you the latest in engineering and technology. We take pride in surpassing your expectations and delivering quality you can feel.

Heat Pump Dimensions

Model Number	Dimensions (LxWxD) (in.)	Weight (lbs.)	Vapor (in.)	Liquid (in.)
D5CSHAH06AAK	21.85x30.12x11.93	62.17	3/8	1/4
D5CSHAH09AAK	21.81x31.69x12.99	72.75	3/8	1/4
D5CSHAH12AAK	21.81x31.69x12.99	72.75	3/8	1/4
D5CSHAH18AAK	26.5x35.04x13.46	99.87	1/2	1/4
D5CSHAH24AAK	31.89x37.24x16.14	130.29	5/8	3/8
D5CSHAH33AAK	31.89x37.24x16.14	156.97	3/4	3/8
D5CLHAH36AAK	38.89x38.58x16.34	206.57	3/4	3/8
D5CLHAH48AAK	52.48x37.48x16.34	208.78	3/4	3/8
D5CLHAH58AAK	52.48x37.48x16.34	230.38	3/4	3/8

Combination Ratings

Indoor Unit With Wireless Remote	Outdoor Unit With Base Pan Heater	SEER2	EER2	HSPF2	Max. Line Length	Max. Lift	MCA/MOCP	Maximum Heating BTU's at -4F [-20F]	Maximum Heating BTU's at 5F [-15C]	Maximum Cooling BTU's at 110F [43C]	Maximum Cooling BTU's at 122F [50C]
								At 70F [21.1C] Indoor DB		At 80F [26.7C] Indoor DB	
QuietComfort Series High Wall 1:1 Deluxe Heat Pump											
D5FSAH06XAK	D5CSAH06AAK	25.7	18	14.8	82.02'	49.21'	12A / 15A	5,125	7,700	10,717	7,571
D5FSAH09XAK	D5CSAH09AAK	27.5	15.5	12.5	82.02'	49.21'	15A / 15A	8,080	11,500	11,215	7,447
D5FSAH12XAK	D5CSAH12AAK	25.5	13.5	10.5	82.02'	49.21'	15A / 15A	9,260	11,500	12,194	6,490
D5FSAH18XAK	D5CSAH18AAK	21.5	12.5	11	98.42'	65.62'	19A / 20A	15,050	18,000	14,794	10,590
D5FSAH24XAK	D5CSAH24AAK	21.2	13	13.5	164.04'	82.02'	24.9A / 25A	20,482	24,200	23,263	13,286
D5FSAH33XAK	D5CSAH33AAK	19.6	12	10.5	164.04'	82.02'	34A / 35A	29,178	35,000	32,895	21,554
QuietComfort Series 4-Way Cassette 1:1 Deluxe Heat Pump											
D5FSCAH12XAK	D5CSAH09AAK	22.7	14	12.2	82.02'	49.21'	15A / 15A	7,400	11,000	11,100	6,483
D5FSCAH12XAK	D5CSAH12AAK	23.7	12.7	11.6	82.02'	49.21'	15A / 15A	7,500	11,500	11,700	6,558
D5FSCAH18XAK	D5CSAH18AAK	20	12.5	12.4	98.42'	65.62'	19A / 20A	14,000	17,000	14,000	9,879
D5FSCAH24XAK	D5CSAH24AAK	20.8	12	11.6	164.04'	82.02'	24.9A / 25A	17,300	23,800	21,000	13,293
D5FLCAH36XAK	D5CLAH36AAK	21.3	12	10.6	246'	98.4'	38A / 40A	30,100	37,000	34,400	16,842
D5FLCAH48XAK	D5CLAH48AAK	18.2	10	11	246'	98.4'	44A / 45A	38,200	47,500	38,700	14,068
QuietComfort Series 1-Way Cassette 1:1 Deluxe Heat Pump											
D5FSOAH06XAK	D5CSAH06AAK	22	15.2	12	82.02'	49.21'	12A / 15A	6,400	8,100	11,200	6,483
D5FSOAH12XAK	D5CSAH09AAK	24	14.7	12.2	82.02'	49.21'	15A / 15A	8,600	10,600	11,200	6,483
D5FSOAH12XAK	D5CSAH12AAK	23	13	10.2	82.02'	49.21'	15A / 15A	8,600	11,500	11,900	6,558
D5FSOAH18XAK	D5CSAH18AAK	20.7	12.5	12.2	98.42'	65.62'	19A / 20A	14,500	17,500	14,500	10,289
QuietComfort Series Low Static Slim Ducted 1:1 Deluxe Heat Pump											
D5FSDAH06XAK	D5CSAH06AAK	21.5	14.5	13.8	82.02'	49.21'	12A / 15A	6,302	7,800	10,448	7,387
D5FSDAH12XAK	D5CSAH09AAK	21.5	13.5	12.5	82.02'	49.21'	15A / 15A	9,704	11,200	11,147	6,056
D5FSDAH12XAK	D5CSAH12AAK	20	12	10.2	82.02'	49.21'	15A / 15A	10,256	11,800	11,430	6,220
D5FSDAH18XAK	D5CSAH18AAK	18	12	10.8	98.42'	65.62'	19A / 20A	15,917	18,000	14,525	10,543
QuietComfort Series High Static Slim Ducted 1:1 Deluxe Heat Pump											
D5FSDAH12XHK	D5CSAH09AAK	20.6	14	13.8	82.02'	49.21'	15A / 15A	8,448	11,900	11,048	6,060
D5FSDAH12XHK	D5CSAH12AAK	20.2	12	10.6	82.02'	49.21'	15A / 15A	10,171	12,000	11,089	6,537
D5FSDAH18XHK	D5CSAH18AAK	18.5	12.1	11.1	98.42'	65.62'	19A / 20A	15,200	18,000	15,924	10,325
D5FSDAH24XHK	D5CSAH24AAK	19.2	12	11.7	164.04'	82.02'	24.9A / 25A	19,339	24,000	20,858	13,979
D5FLDAH36XHK	D5CLAH36AAK	17.8	12	11.1	246'	98.4'	34A / 35A	31,152	39,385	33,311	15,545
D5FLDAH48XHK	D5CLAH48AAK	16.8	10.4	10.8	246'	98.4'	44A / 45A	38,109	48,560	41,933	12,003
D5FLDAH58XHK	D5CLAH58AAK	15.9	10.2	10.4	246'	98.4'	44A / 45A	45,383	55,902	39,392	11,014
QuietComfort Series Floor Console 1:1 Deluxe Heat Pump											
D5FSFAH09XAK	D5CSAH09AAK	27.3	15.2	10.9	82.02'	49.21'	15A / 15A	8,100	11,300	11,300	6,483
D5FSFAH12XAK	D5CSAH12AAK	25	12.7	10.6	82.02'	49.21'	15A / 15A	8,200	11,300	11,600	6,558
D5FSFAH16XAK	D5CSAH18AAK	20.2	12.5	10.2	98.42'	65.62'	19A / 20A	13,600	17,500	13,000	9,107
QuietComfort Series Underceiling Console 1:1 Deluxe Heat Pump											
D5FCFAH18XAK	D5CSAH18AAK	22.4	12.5	10.4	98.42'	65.62'	19A / 20A	14,500	17,000	14,500	10,289
D5FCFAH24XAK	D5CSAH24AAK	21.2	12.2	11.1	164.04'	82.02'	24.9A / 25A	16,500	24,200	21,200	13,293
D5FCFAH36XAK	D5CLAH36AAK	20	10.2	10	246'	98.4'	38A / 40A	34,500	39,500	35,200	18,316
D5FCFAH48XAK	D5CLAH48AAK	19.9	9.5	10.2	246'	98.4'	44A / 45A	36,000	47,000	39,700	23,174
D5FCFAH58XAK	D5CLAH58AAK	19.5	9.6	9.5	246'	98.4'	44A / 45A	47,700	54,000	36,700	10,243
QuietComfort Series AHU 1:1 Deluxe Heat Pump System w/ Factory Installed 24V Interface											
D5FSAAH18XBK	D5CSAH18AAK	18.2	12	10.1	98.42'	65.62'	19A / 20A	15,484	18,688	17,391	12,157
D5FSAAH24XBK	D5CSAH24AAK	18.8	12	10	164.04'	82.02'	24.9A / 25A	19,483	24,689	25,819	16,531
D5FSAAH30XBK	D5CSAH33AAK	16.7	11.7	10	164.04'	82.02'	38A / 40A	29,944	35,826	34,216	15,385
D5FLAAH36XAK	D5CLAH36AAK	17.3	11.7	9.5	246'	98.4'	44A / 45A	32,267	39,385	33,526	14,764
D5FLAAH48XAK	D5CLAH48AAK	17	10.1	10.2	246'	98.4'	12A / 15A	32,097	41,899	42,510	27,958
D5FLAAH60XAK	D5CLAH58AAK	15.4	10	9.2	246'	98.4'	44A / 45A	41,493	54,678	37,722	10,562

* Check AHRI Ratings for full certifications and combination ratings with the D5CSHAH/D5CLHAH Heat Pumps

** Timely registration required for 10-year parts limited warranty. Limited warranty period is five years for parts if not registered within 90 days of installation except in jurisdictions where warranty benefits cannot be conditioned upon registration. Please see warranty certificate for further details and restrictions

Manufacturer reserves the right to change, at any time, specifications and designs without notice and without obligations.