

DUCTLESS SYSTEMS

SOFTSOUND® SERIES

DLFSHA HIGH WALL UNIT



INDOOR FEATURES

- Available in 115V and 208/230V
- Up to 24.7 SEER and 11.0 HSPF when paired with the DLCSRA outdoor unit
- Modes: Cool, Heat, Dry, Fan, Auto
- Turbo Mode
- Four fan speeds
- Sleep Mode
- ECO Mode
- Up-down louver control (fixed or swing)
- Follow Me (senses temperature at handheld remote)
- Heating Setback (46° F Heating Mode)
- Quiet indoor operation, as low as 25 dB(A)
- Aluminum Golden Hydrophilic pre-coated fins

COMPATIBLE WITH:

- DLCSRA Outdoor Unit Single Zone
- DLCMRA Outdoor Unit Multi-Zone

Built-In Temperature Control for Ultimate Energy Savings

Sizes: 09 / 12 / 18 / 24 / 30 / 36

Select sizes are ENERGY STAR® certified based on outdoor unit pairing



KEY FEATURES

ECO Mode

The intelligent 8-hour night cycle program saves up to 60% of energy to make it more comfortable at night when sleeping.

Follow Me

Built-in temperature sensor in the Remote Controller will sense its surrounding temperature and adjust the room temperature more accurately to provide greater comfort.

CONTROLS

Wireless Remote Controller included with indoor unit

Optional Wired Remote Controller KSACN0101AAA (Timer Function)

Optional Wired Remote Controller KSACN0401AAA (7-Day Programmable)



Wired Controller (Timer Function)
KSACN0101AAA



Wired Controller (7-Day Programmable)
KSACN0401AAA



Wireless Remote Controller

ACCESSORIES

Wi-Fi® Kit KSAIF0501AAA



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SPECIFICATIONS:

DLFSHA High Wall								
Heat Pump								
System								
Size		12	9	12	18	24	30	36
Indoor Model		DLFSAH12XAJ	DLFSAH09XAK	DLFSAH12XAK	DLFSAH18XAK	DLFSAH24XAK	DLFSAH30XAK	DLFSAH36XAK
Electrical								
Voltage-Phase-Cycle	V-Ph-Hz	115-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Power Supply		Indoor unit powered from outdoor unit						
MCA	A.	0.3	0.2	0.2	0.22	0.25	0.5	0.5
Operating Range								
Cooling Indoor DB Min - Max	° F (° C)	62~90 (17~32)	62~90 (17~32)	62~90 (17~32)	62~90 (17~32)	62~90 (17~32)	62~90 (17~32)	62~90 (17~32)
Heating Indoor DB Min - Max	° F (° C)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)
Piping								
Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
Pipe Connection Size - Suction	in (mm)	1/2 (12.7)	3/8 (9.52)	1/2 (12.7)	1/2 (12.7)	5/8 (16)	5/8 (16)	5/8 (16)
Indoor								
Unit Width	in (mm)	31.89 (810)	31.89 (810)	31.89 (810)	42.91 (1090)	42.91 (1090)	53.15 (1350)	53.15 (1350)
Unit Height	in (mm)	11.81 (300)	11.81 (300)	11.81 (300)	13.31 (338)	13.31 (338)	14.37 (365)	14.37 (365)
Unit Depth	in (mm)	7.87 (200)	7.87 (200)	7.87 (200)	9.25 (235)	9.25 (235)	10.71 (272)	10.71 (272)
Net Weight	lbs (kg)	18.7 (8.5)	18.3 (8.3)	18.3 (8.3)	29.8 (13.5)	29.8 (13.5)	46.3 (21)	46.3 (21)
Number of Fan Speeds		4	4	4	4	4	4	4
Airflow (lowest to highest)	CFM	159/254/295/324	159/254/295/324	147/235/294/324	353/500/618/647	324/471/618/647	441/618/882/912	441/618/882/912
Sound Pressure (lowest to highest)	dB(A)	25.3/32.6/39.1	24.7/32.1/39.8	26.1/33/41	33.9/41.7/47	34.8/42.9/49.1	33/44/51	33/44/51
Air Throw Data	ft (m)	22.93 (6.99)	21.75 (6.63)	22.93 (6.99)	24.93 (7.6)	28.54 (8.7)	49.2 (15)	49.2 (15)
Moisture Removal	Pint/h (L/h)	3.3 (1.56)	1.5 (0.7)	3.2 (1.51)	2.9 (1.38)	5.6 (2.67)	6.5 (3.09)	8.8 (4.17)
Field Drain Pipe Size O.D.	in (mm)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)

COMPATIBILITY:

Indoor Unit	DLFSAH12XAJ	DLFSAH09XAK	DLFSAH12XAK	DLFSAH18XAK	DLFSAH24XAK	DLFSAH30XAK	DLFSAH36XAK
Outdoor Unit Single Zone*	DLCRAH12AAJ	DLCRAH09AAK	DLCRAH12AAK	DLCRAH18AAK	DLCRAH24AAK	DLCRAH30AAK	DLCRAH36AAK
Outdoor Unit Multi-Zone*	DLCRAH18BAK						
	DLCRAH27CAK						
	DLCRAH36DAK						
	DLCRAH48EAK						

*Performance may vary based on the compatible outdoor units. See respective pages for performance data.

Manufacturer reserves the right to discontinue, or change at any time, specification or designs without notice or incurring obligations.