

OUTDOOR FEATURES

- 100% Heating Capacity at -4° F (-20° C)*
- 100% Cooling capacity at -22° F (-30° C) without additional kit
- Available in 208/230V (9-24K) and 115V (12K)
- Built-in basepan heater
- Auto-restart function
- Anti-corrosive fin coating
- Piping length up to 213 ft (65m)
- Cooling operating range -22° ~ 130° F (-30° ~ 55° C)
- Heating operating range -22° ~ 86° F (-25° ~ 30° C)

COMPATIBLE WITH:

- DLFSHB High Wall
- DLFSCA Cassette
- DLFSDA Ducted
- DLFSFA Console
- DLFSAA Air Handler

An Efficient Outdoor Unit for Maximum Performance

Heat Pump with Basepan Heater

Inverter Compressor

Up to 25.5 SEER

Up to 12.7 HSPF

Sizes: 09 / 12 / 18 / 24 (208-230V);

Size 12 (115V)

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



KEY FEATURES

Extra Low Temperature Heating

Heat output up to 69% of rated capacity at -22° F (-30° C). So, when it's cold outside, it will be warm inside, making this a primary heat source and eliminating the need for a backup.

Rapid Cooling & Heating

After startup, the compressor quickly gets up to maximum speed, cooling or heating the room in minutes.

PERFORMANCE:

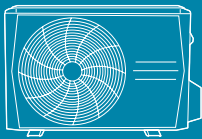
DLFSHB High Wall						
Size		12	9	12	18	24
Indoor Model		DLFSHBH12XAJ	DLFSHBH09XAK	DLFSHBH12XAK	DLFSHBH18XAK	DLFSHBH24XAK
ENERGY STAR®		YES	YES	YES	YES	YES
Cooling System Tons		1.0	0.75	1.0	1.5	2.0
Cooling Rated Capacity	Btu/h	12,000	9,000	12,000	18,000	24,000
Cooling Cap. Range Min - Max	Btu/h	3,930~13,200	3,700~13,300	3,300~13,300	4,500~20,000	7,295~26,600
SEER		22.0	25.5	22.0	21.5	21.5
EER		12.5	15.8	13	13	12.5
Heating Rated Capacity (47° F)	Btu/h	12,000	12,000	12,000	18,000	26,000
Heating Rated Capacity (17° F)	Btu/h	8,200	7,400	12,000	19,000	17,000
Heating Maximum Capacity (17° F)	Btu/h	9,018	12,000	15,000	19,800	24,000
Heating Maximum Capacity (5° F)	Btu/h	6,800	10,000	11,000	18,000	23,000
Heating Cap. Range Min - Max	Btu/h	5,000~12,600	5,100~14,300	5,100~15,000	5,500~21,000	9,500~27,400
HSPF		11.5	12.5	12.7	11.0	11.5
COP (47° F)	W/W	3.52	3.90	3.89	3.35	2.99
COP (17° F)	W/W	2.41	2.90	2.90	1.90	2.49
COP (5° F)	W/W	2.00	1.80	1.64	1.78	1.79

PERFORMANCE:

DLFSCA Cassette						
Size		12	9	12	18	24
Outdoor Model			DLFSCAH09XAK	DLFSCAH12XAK	DLFSCAH18XAK	DLFSCAH24XAK
ENERGY STAR®			YES	YES	YES	NO
Cooling System Tons			0.75	1.0	1.5	2.0
Cooling Rated Capacity	Btu/h		9,000	12,000	16,000	24,000
Cooling Cap. Range Min - Max	Btu/h		2,850~11,100	3,000~13,700	5,600~17,000	8,000~25,000
SEER			20.5	21.5	20.0	20.0
EER			13.0	12.7	12.5	11.0
Heating Rated Capacity (47° F)	Btu/h		10,000	12,000	18,000	24,000
Heating Rated Capacity (17° F)	Btu/h		6,650	8,250	11,200	15,100
Heating Maximum Capacity (17° F)	Btu/h		11,800	14,000	21,000	24,200
Heating Maximum Capacity (5° F)	Btu/h		10,200	11,500	17,000	24,100
Heating Cap. Range Min - Max	Btu/h		1,800~12,500	2,000~15,300	8,700~21,000	11,840~27,000
HSPF			10.8	10.6	10.3	11.6
COP (47° F)	W/W		2.93	3.22	2.88	3.50
COP (17° F)	W/W		1.80	2.20	1.80	2.70
COP (5° F)	W/W		1.79	1.86	1.68	1.75

PERFORMANCE:

DLFSDA Ducted						
Size		12	9	12	18	24
Outdoor Model			DLFSDAH09XAK	DLFSDAH12XAK	DLFSDAH18XAK	DLFSDAH24XAK
ENERGY STAR®			YES	YES	YES	YES
Cooling System Tons			0.75	1.0	1.5	2.0
Cooling Rated Capacity	Btu/h		9,000	12,000	16,500	24,000
Cooling Cap. Range Min - Max	Btu/h		2,400~12,500	2,250~14,400	6,500~18,800	6,500~27,800
SEER			23.0	21.5	19.6	20.6
EER			14.0	13.0	12.5	12.5
Heating Rated Capacity (47° F)	Btu/h		10,000	12,000	19,000	24,600
Heating Rated Capacity (17° F)	Btu/h		6,450	8,350	12,700	16,500
Heating Maximum Capacity (17° F)	Btu/h		11,600	12,900	21,500	26,500
Heating Maximum Capacity (5° F)	Btu/h		9,900	12,400	17,400	24,600
Heating Cap. Range Min - Max	Btu/h		1,700~15,600	1,800~16,300	8,900~22,000	12,200~32,200
HSPF			12.0	11.5	11.0	12.6
COP (47° F)	W/W		3.62	3.52	2.93	3.66
COP (17° F)	W/W		1.90	2.00	1.90	2.80
COP (5° F)	W/W		1.78	1.87	1.75	2.01

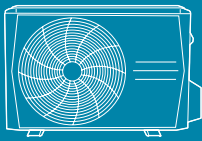


PERFORMANCE:

DLFSFA Console						
Size	12		9	12	18	24
Outdoor Model				DLFSFAH12XAK	DLFSFAH18XAK	DLFSFAH24XAK
ENERGY STAR®				YES	YES	NO
Cooling System Tons				1.0	1.4	2.0
Cooling Rated Capacity	Btu/h			12,000	17,000	24,000
Cooling Cap. Range Min - Max	Btu/h			2,800-13,500	7,800-19,900	9,000-26,800
SEER				23.0	20.2	20.2
EER				13.0	12.5	11.5
Heating Rated Capacity (47° F)	Btu/h			12,000	18,000	24,600
Heating Rated Capacity (17° F)	Btu/h			8,400	12,000	15,240
Heating Maximum Capacity (17° F)	Btu/h			13,100	20,700	26,661
Heating Maximum Capacity (5° F)	Btu/h			12,100	16,900	24,100
Heating Cap. Range Min - Max	Btu/h			2,350-15,700	8,600-21,500	12,500-30,500
HSPF				11.5	10.6	11.6
COP (47° F)	W/W			3.22	3.19	3.52
COP (17° F)	W/W			2	1.80	2.70
COP (5° F)	W/W			1.84	1.75	1.76

PERFORMANCE:

DLFSAA Air Handler						
Size	12		9	12	18	24
Outdoor Model						DLFSAAH24XAK
Outdoor Model						DLCSRBH24AAK
ENERGY STAR®						YES
Cooling System Tons						2.0
Cooling Rated Capacity	Btu/h					22,000
Cooling Cap. Range Min - Max	Btu/h					7,500-26,000
SEER						20.0
EER						12.5
Heating Rated Capacity (47° F)	Btu/h					27,000
Heating Rated Capacity (17° F)	Btu/h					16,500
Heating Maximum Capacity (17° F)	Btu/h					25,000
Heating Maximum Capacity (5° F)	Btu/h					22,000
Heating Cap. Range Min - Max	Btu/h					5,600-31,000
HSPF						11.6
COP (47° F)	W/W					3.77
COP (17° F)	W/W					2.60
COP (5° F)	W/W					1.75



SPECIFICATIONS:

DLCSRB Outdoor Unit						
Heat Pump						
System						
Size		12	9	12	18	24
Outdoor Model		DLCSRBH12AAJ	DLCSRBH09AAK	DLCSRBH12AAK	DLCSRBH18AAK	DLCSRBH24AAK
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
MCA	A.	19	15	15	16	25
MOCP - Fuse Rating	A.	25	15	15	25	35
Operating Range						
Cooling Outdoor DB Min - Max	° F (° C)	-22~130 (-30~55)	-22~130 (-30~55)	-22~130 (-30~55)	-22~130 (-30~55)	-22~130 (-30~55)
Heating Outdoor DB Min - Max	° F (° C)	-22~86 (-30~30)	-22~86 (-30~30)	-22~86 (-30~30)	-22~86 (-30~30)	-22~86 (-30~30)
Piping						
Total Piping Length	ft (m)	82 (25)	82 (25)	82 (25)	98 (30)	164 (50)
Piping Lift*	ft (m)	32 (10)	32 (10)	32 (10)	65 (20)	82 (25)
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)
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)
Refrigerant						
Type		R410A	R410A	R410A	R410A	R410A
Charge	lbs (kg)	2.47 (1.12)	2.6 (1.18)	2.6 (1.18)	4.08 (1.85)	5.73 (2.6)
Compressor						
Type		Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
Outdoor						
Unit Width	in (mm)	30.12 (765)	31.69 (805)	31.69 (805)	35.04 (890)	37.24 (946)
Unit Height	in (mm)	24.02 (610)	24.21 (615)	24.21 (615)	29.13 (740)	34.84 (885)
Unit Depth	in (mm)	11.93 (303)	12.99 (330)	12.99 (330)	13.46 (342)	16.14 (410)
Net Weight	lbs (kg)	66.80 (30.3)	74.07 (33.6)	73.63 (33.4)	100.97 (45.8)	134.48 (61)
Airflow	CFM	794	1,324	1,324	1,765	2,235
Sound Pressure	dB(A)	54.0	54.5	56.0	59.0	62.0

*Condensing unit above or below indoor unit.

COMPATIBILITY:

Indoor Unit		Outdoor Unit				
		DLCSRBH12AAJ	DLCSRBH09AAK	DLCSRBH12AAK	DLCSRBH18AAK	DLCSRBH24AAK
DLFSHB High Wall	DLFSHB12XAJ	•				
	DLFSHB09XAK		•			
	DLFSHB12XAK			•		
	DLFSHB18XAK				•	
	DLFSHB18XAK					•
	DLFSHBH30XAK					
DLFSCA Cassette*	DLFSCAH09XAK		•			
	DLFSCAH12XAK			•		
	DLFSCAH18XAK				•	
	DLFSCAH24XAK					•
	DLFLCAH36XAK					
DLFSDA Ducted*	DLFLCAH48XAK					
	DLFSDAH09XAK		•			
	DLFSDAH12XAK			•		
	DLFSDAH18XAK				•	
	DLFSDAH24XAK					•
	DLFLDAH36XAK					
	DLFLDAH48XAK					
DLFSFA Console*	DLFLDAH58XAK					
	DLFSFAH12XAK			•		
	DLFSFAH18XAK				•	
	DLFSFAH24XAK					•
	DLFLFAH36XAK					
DLFSAA Air Handler*	DLFLFAH48XAK					
	DLFLFAH58XAK					
	DLFSAAH24XAK					•

*Cassette, Ducted and Console indoor units sizes 36, 48 & 58 ONLY compatible with DLCLRB Outdoor Unit

Backwards compatible with DLFSHA high wall.

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