



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: 06/09/12/18/24/30/36 (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.

QUIETCOMFORT® SERIES

DLCSRB OUTDOOR UNIT

PERFORMANCE:

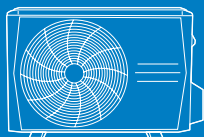
DLFSHB High Wall										
Size		12	6	9	12	18	24	30	36	
Indoor Model		DLFSHBH12XAJ	DLFSHBH06XAK	DLFSHBH09XAK	DLFSHBH12XAK	DLFSHBH18XAK	DLFSHBH24XAK	DLFSHBH30XAK	DLFSHBH36XAK	
ENERGY STAR®		YES	YES	YES	YES	YES	YES	NO	NO	
Cooling System Tons		1.0	0.5	0.75	1.0	1.5	2.00	2.5	3.0	
Cooling Rated Capacity	Btu/h	12,000	6,000	9,000	12,000	18,000	24,000	30,000	36,000	
Cooling Cap. Range Min - Max		Btu/h	3,930~13,200	2,490~11,000	3,700~13,300	3,300~13,300	4,500~20,000	7,295~26,600	7,200~31,600	8,300~37,500
SEER		22.0	23.5	25.5	22.0	21.5	21.5	20.0	18.0	
EER		12.5	15	15.8	13	13	12.5	12.2	9.5	
Heating Rated Capacity (47° F)	Btu/h	12,000	7,000	12,000	12,000	18,000	26,000	30,000	36,000	
Heating Rated Capacity (17° F)	Btu/h	8,200	3,600	7,400	12,000	19,000	17,000	17,100	20,000	
Heating Maximum Capacity (17° F)	Btu/h	9,018	9,000	12,000	15,000	19,800	24,000	19,700	26,800	
Heating Maximum Capacity (5° F)	Btu/h	6,800	7,300	10,000	11,000	18,000	23,000	15,800	20,000	
Heating Cap. Range Min - Max		Btu/h	5,000~12,600	2,300~11,200	5,100~14,300	5,100~15,000	5,500~21,000	9,500~27,400	11,700~32,000	10,900~37,000
HSPF		11.5	11.0	12.5	12.7	11.0	11.5	10.0	12.0	
COP (47° F)	W/W	3.52	3.76	3.90	3.89	3.35	2.99	3.20	2.78	
COP (17° F)	W/W	2.41	2.70	2.90	2.90	1.90	2.49	2.37	2.30	
COP (5° F)	W/W	2.00	1.90	1.80	1.64	1.78	1.79	1.68	1.76	

PERFORMANCE:

DLFSCA Cassette					
Size		9	12	18	24
Indoor Model		DLFSCAH09XAK	DLFSCAH12XAK	DLFSCAH18XAK	DLFSCAH24XAK
ENERGY STAR®		YES	YES	YES	NO
Cooling System Tons		0.8	1.0	1.3	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		9	12	18	24
Indoor Model		DLFSDAH09XAK	DLFSDAH12XAK	DLFSDAH18XAK	DLFSDAH24XAK
ENERGY STAR®		YES	YES	YES	YES
Cooling System Tons		0.75	1.0	1.4	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	6,400	8,300	12,700	14,500
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	17,800	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

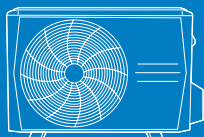


PERFORMANCE:

DLFSFA Console				
Size		12	18	24
Indoor 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	14,500
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		24	
Indoor Model		DLFSAAH24XAK	
ENERGY STAR®		YES	
Cooling System Tons		1.8	
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	



QUIETCOMFORT® SERIES

DLCSRB OUTDOOR UNIT

SPECIFICATIONS:

DLCSRB Outdoor Unit									
Heat Pump									
System									
Size		12	6	9	12	18	24	30	36
Outdoor Model		DLCSRBH12AAJ	DLCSRBH06AAK	DLCSRBH09AAK	DLCSRBH12AAK	DLCSRBH18AAK	DLCSRBH24AAK	DLCSRBH30AAK	DLCSRBH36AAK
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	208/230-1-60
MCA	A.	19	13	15	15	16	25	23	28
MOCP - Fuse Rating	A.	25	15	15	15	25	35	30	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)	-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)	-22~86 (-30~30)	-22~86 (-30~30)	-22~86 (-30~30)
Piping									
Total Piping Length	ft (m)	82 (25)	82 (25)	82 (25)	82 (25)	98 (30)	164 (50)	164 (50)	213 (65)
Piping Lift*	ft (m)	32 (10)	32 (10)	32 (10)	32 (10)	65 (20)	82 (25)	82 (25)	98 (30)
Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)	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)	3/8 (9.52)	1/2 (12.7)	1/2 (12.7)	5/8 (16)	5/8 (16)	5/8 (16)
Refrigerant									
Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Charge	lbs (kg)	2.47 (1.12)	2.38 (1.08)	2.6 (1.18)	2.6 (1.18)	4.08 (1.85)	5.73 (2.6)	6.06 (2.75)	7.5 (3.4)
Compressor									
Type		Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
Outdoor									
Unit Width	in (mm)	30.12 (765)	30.12 (765)	31.69 (805)	31.69 (805)	35.04 (890)	37.24 (946)	37.24 (946)	37.24 (946)
Unit Height	in (mm)	21.85 (555)	21.85 (555)	21.81 (554)	21.81 (554)	26.50 (673)	31.89 (810)	31.89 (810)	31.89 (810)
Unit Depth	in (mm)	11.93 (303)	11.93 (303)	12.99 (330)	12.99 (330)	13.46 (342)	16.14 (410)	16.14 (410)	16.14 (410)
Net Weight	lbs (kg)	66.80 (30.3)	63.71 (28.9)	74.07 (33.6)	73.63 (33.4)	100.97 (45.8)	134.48 (61)	141.76 (64.3)	150.13 (68.1)
Airflow	CFM	794	1,324	1,324	1,324	1,765	2,235	2,235	2,235
Sound Pressure	dB(A)	54.0	54.5	54.5	56.0	59.0	62.0	61.5	61.5

*Condensing unit above or below indoor unit.

COMPATIBILITY:

Indoor Unit		Outdoor Unit							
		DLCSRAH12AAJ		DLCSRAH09AAK	DLCSRAH12AAK	DLCSRAH18AAK	DLCSRAH24AAK	DLCSRAH30AAK	DLCSRAH36AAK
		DLCSRBH12AAJ	DLCSRBH06AAK	DLCSRBH09AAK	DLCSRBH12AAK	DLCSRBH18AAK	DLCSRBH24AAK	DLCSRBH30AAK	DLCSRBH36AAK
DLFSHBH High Wall*	DLFSHBH12XAJ	•							
	DLFSHBH06XAK		•						
	DLFSHBH09XAK			•					
	DLFSHBH12XAK				•				
	DLFSHBH18XAK					•			
	DLFSHBH24XAK						•		
	DLFSHBH30XAK							•	
DLFSDAH Ducted**	DLFSHBH36XAK								•
	DLFSCAH09XAK			•					
	DLFSCAH12XAK				•				
	DLFSCAH18XAK					•			
DLFSFAH Console**	DLFSCAH24XAK						•		
	DLFSDAH09XAK			•					
	DLFSDAH12XAK				•				
	DLFSDAH18XAK					•			
DLFSAAH Air Handler	DLFSDAH24XAK						•		
	DLFSFAH12XAK				•				
	DLFSFAH18XAK					•			
	DLFSFAH24XAK						•		

*Backwards compatible with DLFSHA High Wall

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

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