PROCOMFORT™ SERIES

DLCMRA OUTDOOR UNIT



OUTDOOR FEATURES

- Available in 208/230V
- Connect 2-5, multiple style indoor units
- Built-in basepan heater
- Quiet outdoor operation, as low as 62 dB(A)
- Anti-corrosive fin coating
- Total piping length 131 ~ 328 ft. (40 ~ 100 m.)
- Vertical lift/drop piping length 49 ~ 65 ft. (15 ~ 20 m.)
- Cooling operating range -13° ~ 122° F (-25° ~ 50° C)
- Heating operating range -22° ~ 86° F (-30° ~ 30° C)

COMPATIBLE WITH:

- DLFPHA High Wall
- DLFSHA High Wall
- DLFEHA High Wall
- DLFSCA Cassette
- DLFSDA Ducted
- DLFSFA Console

KeepRite®
Heating & Cooling Products

A Multi-Zone Outdoor Unit for Flexibility & Control

Heat Pump with Basepan Heater

Inverter Compressor

Up to 21.4 SEER

Up to 10.8 HSPF

Sizes: 18 / 27 / 36 / 48

Select systems are ENERGY STAR® certified based on indoor combinations

ENERGY STAR

KEY FEATURES

Space Saving Installation
Up to five indoor units can be connected to a single outdoor unit, reducing the number of outdoor units required. All indoor units can be individually controlled and do not need to be installed at the same time.

Multiple Indoor Unit Styles
Flexibility on the options of indoor unit styles to fit any application or need.

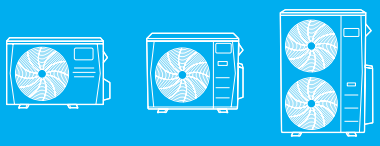
Note: Multi-zone units cannot heat and cool simultaneously.

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DLCMRA OUTDOOR UNIT

SPECIFICATIONS:

DLCMRA Outdoor Unit					
Heat Pump					
Size		18	27	36	48
Outdoor Model		DLCMRAH18BAK	DLCMRAH27CAK	DLCMRAH36DAK	DLCMRAH48EAK
Max Number of Zones		2	3	4	5
Performance Non-Ducted					
ENERGY STAR®		YES	NO	NO	NO
Cooling System Tons		1.4	2.3	3.0	4.0
Cooling Rated Capacity	Btu/h	17,000	27,000	36,000	48,000
Cooling Cap. Range Min - Max	Btu/h	5,810~21,940	7,880~33,510	8,090~41,470	8,560~53,160
SEER		21.1	20.4	21.4	20.5
EER		12.5	11.5	10.5	11
Heating Rated Capacity (47° F)	Btu/h	18,000	27,000	36,000	48,000
Heating Maximum Capacity (5° F)	Btu/h	13,800	22,700	26,200	37,900
Heating Cap. Range Min - Max	Btu/h	5,760~24,480	6,010~36,180	6,350~41,950	7,210~55,820
HSPF		9.7	10.8	10.2	10.2
COP (47° F)	W/W	3.5	4.0	3.7	3.5
COP (5° F)	W/W	2.7	3.4	2.7	2.8
Performance Combination Ducted and Non-Ducted					
ENERGY STAR®		NO	NO	NO	NO
Cooling System Tons		1.5	2.3	3.0	4.0
Cooling Rated Capacity	Btu/h	17,500	27,000	36,000	48,000
Cooling Cap. Range Min - Max	Btu/h	5,795~20,708	7,765~31,955	8,060~39,990	8,510~52,580
SEER		19.8	19.5	19.7	19.1
EER		12.2	11.3	10.3	10.6
Heating Rated Capacity (47° F)	Btu/h	18,250	27,000	36,000	49,000
Heating Maximum Capacity (5° F)	Btu/h	14,100	21,850	27,300	37,350
Heating Cap. Range Min - Max	Btu/h	5,650~24,365	5,980~36,190	6,275~42,305	7,045~54,935
HSPF		9.6	9.9	10.0	10.2
COP (47° F)	W/W	3.7	3.8	3.5	3.5
COP (5° F)	W/W	2.4	3.0	2.6	2.3
Performance Ducted					
ENERGY STAR®		NO	NO	NO	NO
Cooling System Tons		1.5	2.3	3.0	4.0
Cooling Rated Capacity	Btu/h	18,000	27,000	36,000	48,000
Cooling Cap. Range Min - Max	Btu/h	5,780~19,476	7,650~30,400	8,030~38,510	8,460~52,000
SEER		18.4	18.5	17.9	17.6
EER		11.8	11.0	10.0	10.1
Heating Rated Capacity (47° F)	Btu/h	18,500	27,000	36,000	50,000
Heating Maximum Capacity (5° F)	Btu/h	14,400	21,000	28,400	36,800
Heating Cap. Range Min - Max	Btu/h	5,539~24,249	5,950~36,200	6,200~42,660	6,880~54,050
HSPF		9.4	9.0	9.7	10.1
COP (47° F)	W/W	3.8	3.5	3.2	3.4
COP (5° F)	W/W	2.1	2.7	2.5	1.8
Operating Range					
Cooling Outdoor DB Min - Max	° F (° C)	-13~122 (-25~50)	-13~122 (-25~50)	-13~122 (-25~50)	-13~122 (-25~50)
Heating Outdoor DB Min - Max	° F (° C)	-22~86 (-30~30)	-22~86 (-30~30)	-22~86 (-30~30)	-22~86 (-30~30)
Piping					
Total Piping Length	ft (m)	131 (40)	197 (60)	263 (80)	328 (100)
Piping to furthest FCU	ft (m)	82 (25)	98 (30)	115 (35)	115 (35)
Drop (OD above ID)	ft (m)	49 (15)	49 (15)	49 (15)	65 (20)
Lift (OD below ID)	ft (m)	49 (15)	49 (15)	49 (15)	65 (20)
Pipe Connection Size - Liquid	in (mm)	1/4*2 (6.35*2)	1/4*3 (6.35*3)	1/4*4 (6.35*4)	1/4*5 (6.35*5)
Pipe Connection Size - Suction	in (mm)	3/8*2 (9.52*2)	3/8*3 (9.52*3)	1/2 *1+ 3/8*3 (12.7*1+9.52*3)	1/2 *2+ 3/8*3 (12.7*2+9.52*3)



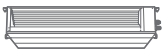
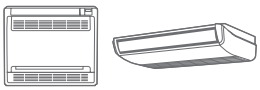
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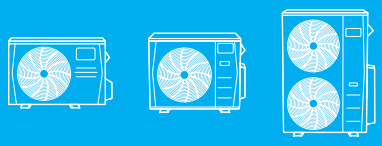
SPECIFICATIONS:

DLCMRA Outdoor Unit					
Heat Pump					
Outdoor Model		DLCMRAH18BAK	DLCMRAH27CAK	DLCMRAH36DAK	DLCMRAH48EAK
Refrigerant					
Type		R410A	R410A	R410A	R410A
Charge	lbs (kg)	4.41 (2.0)	6.17 (2.8)	6.61 (3.0)	10.13 (4.6)
Electrical					
Voltage-Phase-Cycle	V-Ph-Hz	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.	18	25	30	35
MOCP - Fuse Rating	A.	25	35	45	50
Outdoor					
Unit Width	in (mm)	37.31 (948)	41.22 (1047)	41.22 (1047)	41.15 (1045)
Unit Height	in (mm)	27.64 (702)	31.88 (810)	31.88 (810)	52.48 (1333)
Unit Depth	in (mm)	14.82 (376)	17.91 (455)	17.91 (455)	17.63 (448)
Net Weight	lbs (kg)	105.8 (48)	149.9 (68)	156.5 (71)	223.8 (101.5)
Airflow	CFM	1,390	2,130	2,130	4,500
Sound Pressure	dB(A)	62	63	62	64

COMPATIBILITY:

	Indoor Unit	Outdoor Unit				
		DLCMRAH18BAK	DLCMRAH27CAK	DLCMRAH36DAK	DLCMRAH48EAK	
DLFPHA High Wall	DLFPHAH09XAK	•	•	•	•	
	DLFPHAH12XAK	•	•	•	•	
	DLFPHAH18XAK					
	DLFPHAH24XAK					
DLFSHA High Wall	DLFSHAH09XAK	•	•	•	•	
	DLFSHAH12XAK	•	•	•	•	
	DLFSHAH18XAK		•	•	•	
	DLFSHAH24XAK			•	•	
DLFEHA High Wall	DLFEHAH09XAK	•	•	•	•	
	DLFEHAH12XAK	•	•	•	•	
	DLFEHAH18XAK		•	•	•	
	DLFEHAH24XAK			•	•	
DLFSCA Cassette	DLFSCAH09XAK	•	•	•	•	
	DLFSCAH12XAK	•	•	•	•	
	DLFSCAH18XAK		•	•	•	
	DLFSCAH24XAK			•	•	
DLFSDA Ducted	DLFSDAH09XAK	•	•	•	•	
	DLFSDAH12XAK	•	•	•	•	
	DLFSDAH18XAK		•	•	•	
	DLFSDAH24XAK			•	•	
DLFSFA Console	DLFSFAH12XAK	•	•	•	•	
	DLFSFAH18XAK		•	•	•	
	DLFSFAH24XAK			•	•	

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



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COMBINATION CHART:

DLCMRA Outdoor Unit				
Outdoor Model	2-Zone	3-Zone	4-Zone	5-Zone
DLCMRAH18BAK	9+9			
	9+12			
	12+12			
DLCMRAH27CAK	9+9	9+9+9		
	9+12	9+9+12		
	9+18	9+9+18		
	12+12	9+12+12		
	12+18	12+12+12		
	18+18			
DLCMRAH36DAK	9+9	9+9+9	9+9+9+9	
	9+12	9+9+12	9+9+9+12	
	9+18	9+9+18	9+9+9+18	
	9+24	9+9+24	9+9+12+12	
	12+12	9+12+12	9+9+12+18	
	12+18	9+12+18	9+12+12+12	
		9+12+24		
	12+24	9+18+18	12+12+12+12	
	18+18	12+12+12		
		12+12+18		
		12+18+18		
		12+12+24		
DLCMRAH48EAK	9+18	9+9+9	9+9+9+9	9+9+9+9+9
	9+24	9+9+12	9+9+9+12	9+9+9+9+12
	12+12	9+9+18	9+9+9+18	9+9+9+9+18
	12+18	9+9+24	9+9+9+24	9+9+9+9+24
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		12+12+24	9+12+18+18	
		12+18+18	9+18+18+18	
		12+18+24	12+12+12+12	
		12+24+24	12+12+12+18	
		18+18+18	12+12+12+24	
		18+18+24	12+12+18+18	

Up to five indoor units can be connected to a single outdoor unit, reducing the number of outdoor units required.

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