

DUCTLESS SYSTEMS

PERFORMANCE SERIES

DLCERA OUTDOOR UNIT



OUTDOOR FEATURES

- Cost competitive
- Available in 115V and 208/230V
- Built-in basepan heater on heat pump units
- Auto-restart function
- Condenser high-temperature protection
- Refrigerant leakage detection
- Quiet outdoor operation, as low as 52 dB(A)
- Aluminum Golden Hydrophilic pre-coated fins
- Piping length 82 ~ 164 ft. (25-50 m.)
- Cooling operating range 0° ~ 22° F (-17° ~ 50° C)
- Heating operating range 0° ~ 86° F (-17° ~ 30° C)

COMPATIBLE WITH:

- DLFEHAA High Wall Cooling Only
- DLFEHAH High Wall Heat Pump

A Cost-Effective Outdoor Unit for Superior Heating & Cooling

Cooling Only – DLCERAA

Heat Pump with Basepan Heater – DLCERAH

Inverter Compressor

Up to 17.6 SEER

Up to 10.6 HSPF

Sizes: 09 / 12 / 18 / 24

KEY FEATURES

Cost-Effective Solution

An economical choice that can provide comfort when you need it.

Rapid Cooling & Heating

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

DUCTLESS SYSTEMS

PERFORMANCE SERIES DLCERA OUTDOOR UNIT

INDOOR UNITS

SPECIFICATIONS:

DLCERAH Outdoor Unit						
Heat Pump						
System						
Size		12	9	12	18	24
Outdoor Model		DLCERAH12AAJ	DLCERAH09AAK	DLCERAH12AAK	DLCERAH18AAK	DLCERAH24AAK
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.	13	8	10	15	18
MOCP - Fuse Rating	A.	20	15	15	20	25
Operating Range						
Cooling Outdoor DB Min - Max	° F (° C)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)
Heating Outdoor DB Min - Max	° F (° C)	0~86 (-17~30)	0~86 (-17~30)	0~86 (-17~30)	0~86 (-17~30)	0~86 (-17~30)
Piping						
Total Piping Length	ft (m)	82 (25)	82 (25)	82 (25)	98 (30)	164 (50)
Piping Lift*	ft (m)	33 (10)	33 (10)	33 (10)	66 (20)	66 (20)
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)	2.11 (0.96)	1.76 (0.80)	2.11 (0.96)	2.82 (1.28)	3.97 (1.80)
Outdoor						
Unit Width	in (mm)	30.31 (770)	30.31 (770)	30.31 (770)	31.50 (800)	33.27 (845)
Unit Height	in (mm)	21.85 (555)	21.85 (555)	21.85 (555)	21.81 (554)	27.64 (702)
Unit Depth	in (mm)	11.81 (300)	11.81 (300)	11.81 (300)	13.11 (333)	14.29 (363)
Net Weight	lbs (kg)	69 (31.3)	63 (28.6)	65.5 (29.7)	79.6 (36.1)	114.2 (51.8)
Airflow	CFM	1,170	1,170	1,170	1,170	1,765
Sound Pressure	dB(A)	54.5	57.2	57.4	57.0	60.2

*Condensing unit above or below indoor unit.

COMPATIBILITY:

Indoor Unit		Outdoor Unit				
		DLCERAH12AAJ	DLCERAH09AAK	DLCERAH12AAK	DLCERAH18AAK	DLCERAH24AAK
DLFEHAH High Wall	DLFEHAH12XAJ	•				
	DLFEHAH09XAK		•			
	DLFEHAH12XAK			•		
	DLFEHAH18XAK				•	
	DLFEHAH24XAK					•

PERFORMANCE:

DLFEHAA High Wall						
Heat Pump						
Indoor Model		DLFEHAA12XAJ	DLFEHAA09XAK	DLFEHAA12XAK	DLFEHAA18XAK	DLFEHAA24XAK
ENERGY STAR®		NO	NO	NO	NO	NO
Cooling System Tons		1.0	0.8	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	3,700-13,000	3,400-10,500	3,700-13,000	5,500-19,000	8,987-26,585
SEER		17.3	17.6	17.5	17.5	16.9
EER		10.0	11.2	11.2	11.2	9.7
Heating Rated Capacity (47° F)	Btu/h	12,000	9,800	12,000	18,000	24,800
Heating Rated Capacity (17° F)	Btu/h	8,000	7,500	9,230	11,600	18,000
Heating Maximum Capacity (5° F)	Btu/h	9,000	6,070	8,880	10,150	16,760
Heating Cap. Range Min - Max	Btu/h	3,500-13,500	2,800-11,500	3,500-13,500	6,200-19,000	8,371-25,350
HSPF		10.6	10.0	9.6	10.6	9.6
COP (47° F)	W/W	2.93	3.27	3.22	3.26	3.13
COP (5° F)	W/W	1.60	1.60	1.60	1.50	1.40

PERFORMANCE:

DLFEHAA High Wall						
Cooling Only						
Indoor Model		DLFEHAA12XAJ	DLFEHAA12XAK	DLFEHAA18XAK	DLFEHAA24XAK	
ENERGY STAR®		NO	NO	NO	NO	
Cooling System Tons		1.0	1.0	1.5	2.0	
Cooling Rated Capacity	Btu/h	12,000	12,000	18,000	24,000	
Cooling Cap. Range Min - Max	Btu/h	4,800~13,200	4,800~13,000	5,800~18,600	9,400~25,200	
SEER		16.8	16.0	16.5	17.0	
EER		10.7	11.2	10.3	10.9	

An economical choice that can provide comfort when you need it.

SPECIFICATIONS:

DLCERAA Outdoor Unit					
Cooling Only					
System					
Size		12	12	18	24
Outdoor Model		DLCERAA12AAJ	DLCERAA12AAK	DLCERAA18AAK	DLCERAA24AAK
Electrical					
Voltage-Phase-Cycle	V-Ph-Hz	115-1-60	208/230-1-60	208/230-1-60	208/230-1-60
MCA	A.	13	7	11	16
MOCP - Fuse Rating	A.	20	15	15	25
Operating Range					
Cooling Outdoor DB Min - Max	° F (° C)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)	0~122 (-17~50)
Piping					
Total Piping Length	ft (m)	82 (25)	82 (25)	98 (30)	164 (50)
Piping Lift*	ft (m)	33 (10)	33 (10)	66 (20)	66 (20)
Pipe Connection Size - Liquid	in (mm)	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)	1/2 (12.7)	1/2 (12.7)	5/8 (16)
Refrigerant					
Type		R410A	R410A	R410A	R410A
Charge	lbs (kg)	1.30 (0.59)	1.30 (0.59)	2.09 (0.95)	2.64 (1.20)
Outdoor					
Unit Width	in (mm)	30.31 (770)	30.31 (770)	31.50 (800)	33.27 (845)
Unit Height	in (mm)	21.85 (555)	21.85 (555)	21.81 (554)	27.64 (702)
Unit Depth	in (mm)	11.81 (300)	11.81 (300)	13.11 (333)	14.29 (363)
Net Weight	lbs (kg)	57.8 (26.2)	53.8 (24.4)	70.1 (31.8)	88.6 (40.2)
Airflow	CFM	1,170	1,170	1,170	1,880
Sound Pressure	dB(A)	52.0	54.0	57.0	59.5

*Condensing unit above or below indoor unit.

COMPATIBILITY:

Indoor Unit		Outdoor Unit			
		DLCERAA12AAJ	DLCERAA12AAK	DLCERAA18AAK	DLCERAA24AAK
DLFEHAA High Wall	DLFEHAA12XAJ	•			
	DLFEHAA12XAK		•		
	DLFEHAA18XAK			•	
	DLFEHAA24XAK				•