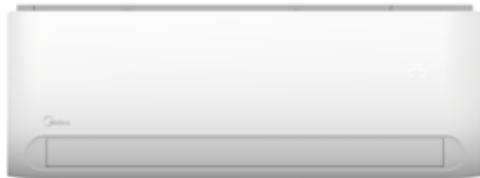


# DUCTLESS SYSTEMS

## STANDARD SERIES

### DLFEHA HIGH WALL



#### INDOOR FEATURES

- Available in 115V and 208/230V
- Up to 17.6 SEER and up to 10.6 HSPF when paired with DLCERA outdoor unit
- Modes: Cool, Heat, Dry, Fan, Auto
- Turbo Mode
- Up-down louver control (fixed or swing)
- Remove filter from the top
- Improved serviceability
- Four fan speeds
- Sleep Mode
- Follow me (senses temperature at handheld remote)
- Heating Setback (46° F Heating Mode)
- Quiet indoor operation, as low as 29dB(A)
- Aluminum Golden Hydrophilic pre-coated fins

#### COMPATIBLE WITH:

- DLCERA Outdoor Unit Single Zone
- DLCMRA Outdoor Unit Multi-Zone

# Easy Installation for Maximum Convenience & Comfort

Cooling Only - DLFEHAA

Heat Pump - DLFEHAH

Sizes: 09 / 12 / 18 / 24

#### KEY FEATURES

##### Improved Serviceability

Full access to the terminal connections and fan after lifting the front cover of the High Wall for easy installation and service.

##### Convenient Filter removal

The filter is located on the inlet, allowing the direct removal from the top of the unit without opening the panel.

#### CONTROLS

Wireless Remote Controller included with indoor unit

Optional Wired Remote Controller KSACN0401AAA (7-Day Programmable)



**Wired Controller  
(7-Day Programmable)  
KSACN0401AAA**



**Wireless Remote  
Controller**

#### ACCESSORIES

Wi-Fi® Kit

WiFi High Wall Entry Tier 9/12/24K KSAIF0101AAA

WiFi High Wall Entry Tier 18k only KSAIF0201AAA



# DUCTLESS SYSTEMS

## STANDARD SERIES DLFEHA HIGH WALL

### INDOOR UNITS

#### SPECIFICATIONS:

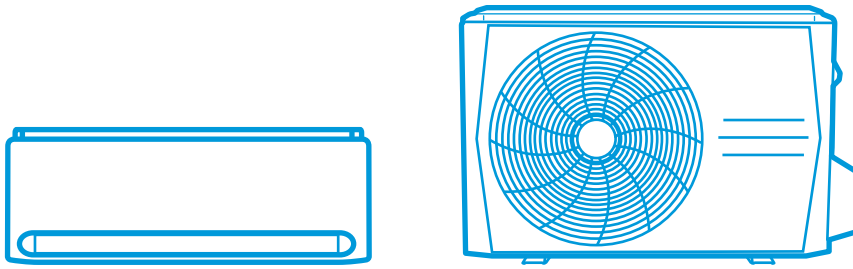
DLFEHAA High Wall					
Cooling Only					
System					
Size		12	12	18	24
Indoor Model		DLFEHAA12XAJ	DLFEHAA12XAK	DLFEHAA18XAK	DLFEHAA24XAK
Electrical					
Voltage, Phase, Cycle	V/Ph/Hz	115-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Power Supply		Indoor unit powered from outdoor unit			
MCA	A.	0.3	0.25	0.4	0.45
Controls					
Wireless Remote Controller (° F / ° C Convertible)		Standard	Standard	Standard	Standard
Wired Remote Controller (° F / ° C Convertible)		Optional	Optional	Optional	Optional
Operating					
Cooling Outdoor DB Min - Max	° F (° C)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)
Piping					
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)
Indoor					
Unit Width	in (mm)	32.00 (813)	32.00 (813)	38.36 (974)	43.83 (1113)
Unit Height	in (mm)	11.81 (300)	11.81 (300)	12.8 (325)	13.41 (341)
Unit Depth	in (mm)	7.75 (197)	7.75 (197)	8.87 (225)	9.22 (234)
Net Weight	lbs (kg)	17.64 (8)	17.64 (8)	23.15 (10.5)	30.86 (14)
Number of Fans Speeds		4	4	4	4
Airflow (lowest to highest)	CFM	190/239/301/328	188/238/305	344/422/506/550	420/514/609/640
Sound Pressure (lowest to highest)	dB(A)	29/36/41/42	28/35/40/42	34/39/43/45	39/44/49/49
Air Throw Data	ft (m)	22 (6.7)	22 (6.7)	24 (7.3)	39.4 (12)
Moisture Removal	Pint/h (L/h)	3.17 (1.50)	3.09 (1.46)	4.61 (2.18)	6.38 (3.02)
Field Drain Pipe Size O.D.	in (mm)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)

Compatibility tables on next page.

## SPECIFICATIONS:

DLFEHAH High Wall						
Heat Pump						
System						
Size		12	9	12	18	24
Indoor Model		DLFEHAH12XAJ	DLFEHAH09XAK	DLFEHAH12XAK	DLFEHAH18XAK	DLFEHAH24XAK
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
Power Supply	Indoor unit powered from outdoor unit					
MCA	A.	0.3	0.25	0.25	0.28	0.45
Controls						
Wireless Remote Controller (° F / ° C Convertible)		Standard	Standard	Standard	Standard	Standard
Wired Remote Controller (° F / ° C Convertible)		Optional	Optional	Optional	Optional	Optional
Operating						
Cooling Indoor DB Min - Max	° F (° C)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)	63~90 (17~32)	63~90 (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)
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)
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)
Indoor						
Unit Width	in (mm)	32.00 (813)	28.53 (725)	32.00 (813)	38.36 (974)	43.83 (1113)
Unit Height	in (mm)	11.81 (300)	11.81 (300)	11.81 (300)	12.8 (325)	13.41 (341)
Unit Depth	in (mm)	7.75 (197)	7.75 (197)	7.75 (197)	8.87 (225)	9.22 (234)
Net Weight	lbs (kg)	22.49 (10.2)	21.16 (9.6)	22.49 (10.2)	31.97 (14.5)	40.12 (18.2)
Number of Fans Speeds		4	4	4	4	4
Airflow (lowest to highest)	CFM	200/265/306/329	165/229/271/324	212/282/324/353	353/412/529/559	353/483/589/647
Sound Pressure (lowest to highest)	dB(A)	29/38/42/42	31/36/40/42	34/39/41/43	34/39/44/46	38/42/48/49
Air Throw Data	ft (m)	22 (6.7)	20.3 (6.2)	22.6 (6.9)	25 (7.6)	37.7 (11.5)
Moisture Removal	Pint/h (L/h)	3.49 (1.65)	2.05 (0.97)	3.38 (1.6)	4.63 (2.19)	5.73 (2.71)
Field Drain Pipe Size O.D.	in (mm)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)	0.625 (16)

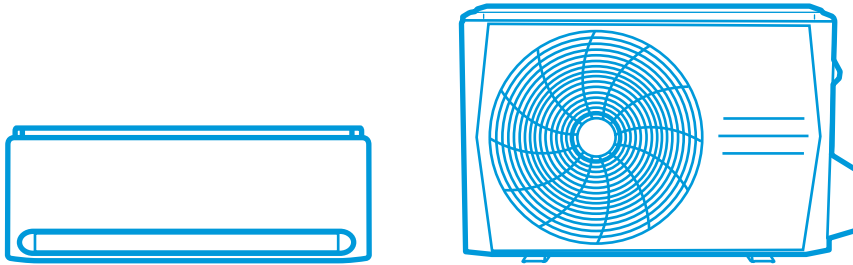
Compatibility tables on next page.



**COMPATIBILITY:**

Cooling Only				
Indoor Unit	DLFEHAA12XAJ	DLFEHAA12XAK	DLFEHAA18XAK	DLFEHAA24XAK
Outdoor Unit Single Zone*	DLCERAA12AAJ	DLCERAA12AAK	DLCERAA18AAK	DLCERAA24AAK
Outdoor Unit Multi-Zone*				

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



**COMPATIBILITY:**

Heat Pump					
Indoor Unit	DLFEHAH12XAJ	DLFEHAH09XAK	DLFEHAH12XAK	DLFEHAH18XAK	DLFEHAH24XAK
Outdoor Unit Single Zone*	DLCERAH12AAJ	DLCERAH09AAK	DLCERAH12AAK	DLCERAH18AAK	DLCERAH24AAK
Outdoor Unit Multi-Zone*		DLCMRAH18BAK			
		DLCMRAH27CAK			
		DLCMRAH36DAK			
		DLCMRAH48EAK			

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



# DUCTLESS SYSTEMS

## STANDARD 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°-122° 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

## STANDARD 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
<b>DLFEHAH High Wall</b>					
DLFEHAH12XAJ	•				
DLFEHAH09XAK		•			
DLFEHAH12XAK			•		
DLFEHAH18XAK				•	
DLFEHAH24XAK					•

## PERFORMANCE:

DLFEHAH High Wall						
Indoor Model		DLFEHAH12XAJ	DLFEHAH09XAK	DLFEHAH12XAK	DLFEHAH18XAK	DLFEHAH24XAK
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

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

## SPECIFICATIONS:

DLCERAA Outdoor Unit					
Cooling Only					
System					
Size		12	12	18	24
Indoor 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
<b>DLFEHAA High Wall</b>				
DLFEHAA12XAJ	•			
DLFEHAA12XAK		•		
DLFEHAA18XAK			•	
DLFEHAA24XAK				•

## PERFORMANCE:

DLFEHAA High Wall					
Indoor Model		DLFEHAA12XAJ	DLFEHAA12XAK	DLFEHAA18XAK	DLFEHAA24XAK
<b>ENERGY STAR®</b>		<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
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