Single Zone Heat Pump Ductless System

Outdoor Model: D5CUHAH48AAK
Indoor Model: D5FUAAH48XAK

Job Data: _____ **Location:** _____

Tag #: _____ **Carrier#:** _____

Date: _____

NOTE: Images for illustration purposes only. Actual models may be slightly different.

OUTDOOR STANDARD FEATURES
- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Built-In 24V Interface
- Conventional Lineset
- Low Voltage Controls
- Reverse Fan Operation
- Condenser High Temp Protection
- Quiet operation
- Anti-corrosive fin coating

INDOOR STANDARD FEATURES
- Modes: Cool, Heat, Dry, Fan, Auto
- Factory installed leak detection system
- Conventional Lineset
- Dual Voltage (115V/230V)
- Constant Air Motor/Blower
- Quiet indoor operation
- Anti-corrosive fin coating

RESIDENTIAL APPLICATION LIMITED WARRANTY*
- Ten (10) years if properly registered within ninety (90) days after original installation, parts are warranted to the original purchaser for a period of ten (10) years. Otherwise, parts warranty is five (5) years.

Outdoor - Heat Pump			
System	**Outdoor Model #**		D5CUHAH48AAK
	Outdoor Size		48000
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208-230/1/60
	MCA	A.	38
	MOPA	A.	40
	SCCR	kA	5
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	-22~122(-30~50)
	Heating Outdoor DB Min - Max	°F(°C)	-22~75(-30~24)
Piping	Min. Piping Length	ft (m)	9.8 (3)
	Standard Piping Length	ft. (m)	24.6 (7.5)
	Total Piping Length	ft (m)	246(75)
	Piping Lift*	ft (m)	98.43(30)
	Pipe Connection Size - Liquid	in (mm)	3/8in(9.52mm)
	Pipe Connection Size - Suction	in (mm)	3/4in(19mm)
Refrigerant	Refrigerant Type		R454B
	Charge	lbs (kg)	8.38(3.8)
	Add'l Refrigerant (between Std & Max Piping Lengths)	Oz/ft (g/m)	0.7(65)
Outdoor Coil	Face Area	Sq. Ft.	7.56
	No. Rows		3
	Fins per inch		20
	Circuits		10
Compressor	Type		ROTARY
	Model		MTH550UKPC8FU
	Oil Type		HAF68D1C
	Oil Charge	Fl. Oz.	60.87
	Rated Current	RLA	21
Airflow & Sound	Airflow	CFM	3037.1
	Sound Pressure	dB(A)	65
Dimensions	Height	in (mm)	38.39(975)
	Width	in (mm)	38.58(980)
	Depth	in (mm)	16.34(415)
	Net Weight	lbs (kg)	201.06(91.2)
	Shipping Height	in (mm)	42.52(1080)
	Shipping Width	in (mm)	45.08(1145)
	Shipping Depth	in (mm)	19.68(500)
	Shipping Net Weight	lbs (kg)	232.36(105.4)

*** Condensing unit above or below indoor unit**

D5CUHAH48AAK / D5FUAAH48XAK System Accessories		
Standard	Wireless Remote Controller (°F/°C Convertible)	
Optional	Wired Remote Control 7 Day Programmable	KSACN1401AAA

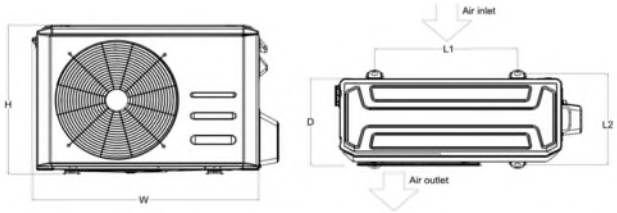
Indoor - Heat Pump			
System	**Indoor Model #**		D5FUAAH48XAK
	Indoor Size		48000
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	115-208-230/1/60
	Power Supply		Indoor unit powered separate from outdoor unit
	MCA	A.	11
Operating Range	Cooling Indoor DB Min - Max	°F(°C)	60~90(16~32)
	Heating Indoor DB Min - Max	°F(°C)	32~86(0~30)
Indoor Coil	Face Area	Sq. Ft.	4.88
	No. Rows		5
	Fins per inch		20
	Circuits		14
Indoor Unit	Number of Fan Speeds		820/720/615
	Airflow (highest to lowest)	CFM	1600.99~1094.80
	Sound Pressure	dB(A)	34
Dimensions	Height	in (mm)	52.99(1346)
	Width	in (mm)	24.49(622)
	Depth	in (mm)	21.02(534)
	Net Weight	lbs (kg)	162.92(73.9)
	Shipping Height	in (mm)	21.20(640)
	Shipping Width	in (mm)	56.30(1430)
	Shipping Depth	in (mm)	28.15(715)
	Shipping Net Weight	lbs (kg)	(190.92)86.6

D5CUHAH48AAK / D5FUAAH48XAK System Performance		
Cooling Rated Capacity (DOE A2 - 95°F)		48000
Cooling Capacity Range		15600~51000
SEER2	Btu/h	16.5
EER2 (DOE A2 - 95°F)	Btu/h	10.5
Heating Rated Capacity (DOE H12 - 47°F)		50000
Heating Capacity Range		15500~57300
COP (DOE H12 - 47°F)	Btu/h	3.4
HSPF2 IV	Btu/h	9.5
HSPF2 V	Btu/h	8
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	50000
EER2 (DOE B2 - 82°F)	Btu/h	12.5
Heating Rated Capacity (DOE H32 - 17°F)		37000
COP (DOE H32 - 17°F)	W/W	2.7
Heating Maximum Capacity (17°F)	W/W	48000
Heating Rated Capacity (DOE H42 - 5°F)	W/W	46000
COP (DOE H42 - 5°F)		1.9
Heating Maximum Capacity (5°F)		46000

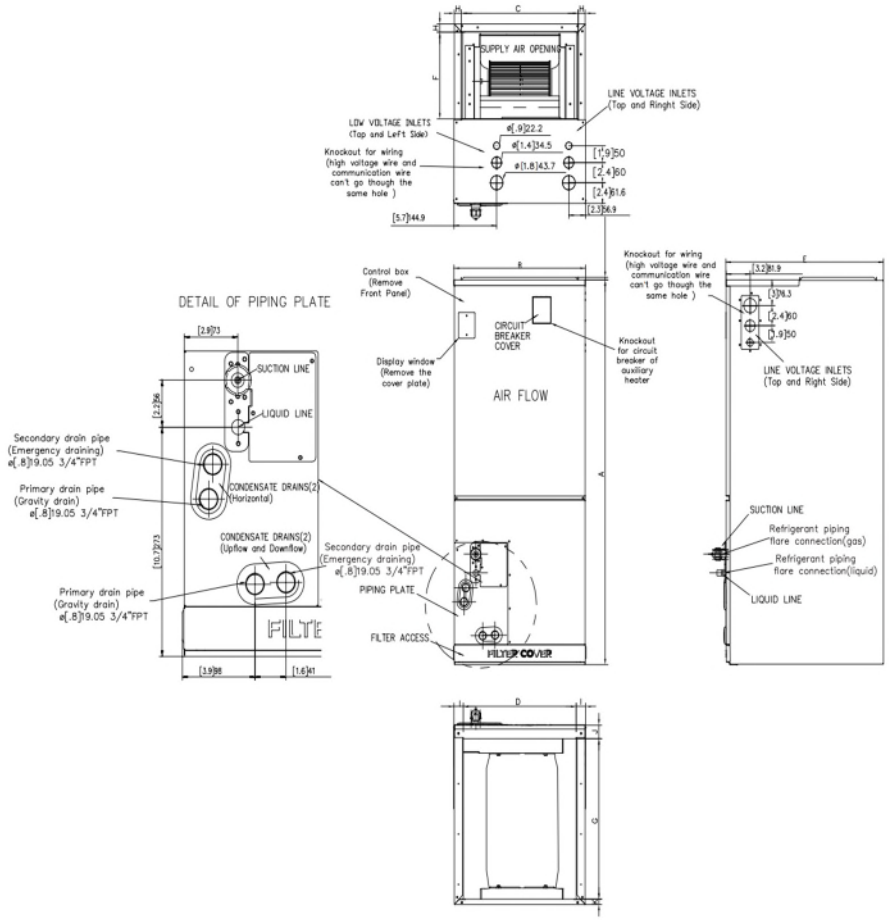
AHRI CERTIFIED www.ahridirectory.org Unitary Small HP AHRI Standard 210/240

R-454B

CMNA Copyright 2024 • Atlanta, GA, 30339
SUBJECT TO CHANGE WITHOUT NOTICE



OUTDOOR UNIT DIMENSIONS						
Capacity	Unit	W	D	H	L1	L2
18K/24K	mm	890	342	673	663	346.67
	inch	35.04	13.46	26.5	26.1	13.65
30K	mm	946	410	810	672.96	402.6
	inch	37.24	16.14	31.89	26.49	15.85
36K/48K	mm	980	415	975	616	415
	inch	38.58	16.34	38.39	24.25	16.31
60K	mm	952	415	1333	634	404
	inch	37.48	16.34	52.48	25	15.9



Dimensions \ Model(Btu/h)		18K/24K		30K/36K		48K/60K	
		inch	mm	inch	mm	inch	mm
A	Model Height	45	1143	49	1245	53	1346
B	Model Width	17.5	445	21	534	24.5	622
C	Supply Air Opening Width	15.6	397	19.1	486	22.6	575
D	Return Air Opening Width	15.1	384	18.6	473	22.1	562
E	Model Depth	21	534	21	534	21	534
F	Supply Air Opening Depth	10.3	260	10.3	260	10.3	260
G	Return Air Opening Depth	18.8	476	18.8	476	18.8	476
H	Supply Air Opening Clearance	.9	24	.9	24	.9	24
I	Return Air Opening Side Clearance	1.3	32	1.3	32	1.1	28
J	Return Air Opening Front Clearance	1.5	38	1.6	41	1.6	41
K	Return Air Opening Back Clearance	.6	16	.6	16	.8	19
J	Refrigerant piping flareconnection(gas)	.8	19	.8	19	.9	22
K	Refrigerant piping flareconnection(liquid)	.4	9	.4	9	.4	9

AHRI CERTIFIED www.ahridirectory.org Unitary Small HP AHRI Standard 210/240

R-454B

CMNA Copyright 2024 • Atlanta, GA, 30339
SUBJECT TO CHANGE WITHOUT NOTICE