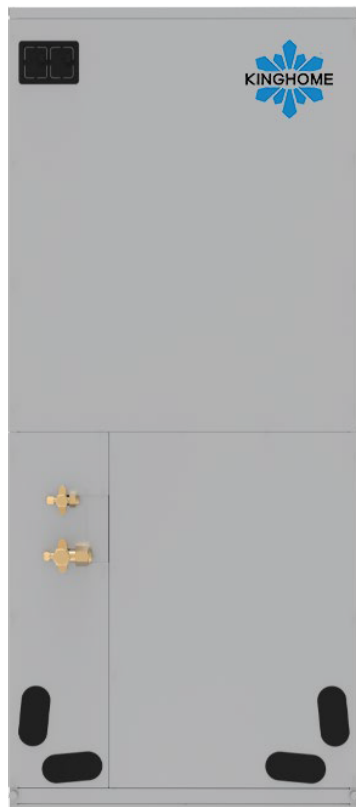




Job name:	Date:
Scheduled Reference:	Contractor:

System information



AHRI number	\	211497148
Outdoor Model	\	KD42UHO
Indoor Model	\	KD42UHI
System Rating		
Cooling Capacity	Btu/h	40000
Heating Capacity	Btu/h	40000
Power Supply	\	208-230V/1Ph/60Hz
SEER2	\	15.5
EER2	\	10
HSPF2	\	7.8
Gas Pipe	inch (mm)	3/4 (19)
Liquid Pipe	inch (mm)	3/8 (9.52)
Standard Pipe Length	ft (M)	24.6 (7.5)
MAX. refrigerant pipe length between Indoor and Outdoor	ft (M)	164 (50)
MAX. Vertical Height difference between Indoor and Outdoor	ft (M)	98.4 (30)
Refrigerant Charge	oz	123.5
Connection Method	\	Screw Connection & Solder Connection
Refrigerant Type	\	R410A



Features:

High efficiency DC Inverter Technology

Compact and quiet side discharge unit

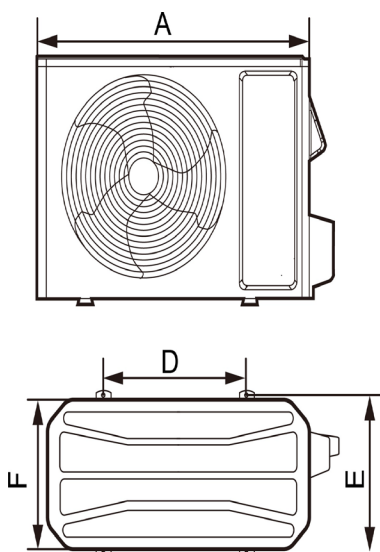
Match with Kinghome or 3rd party indoor unit

24V thermostat compatible



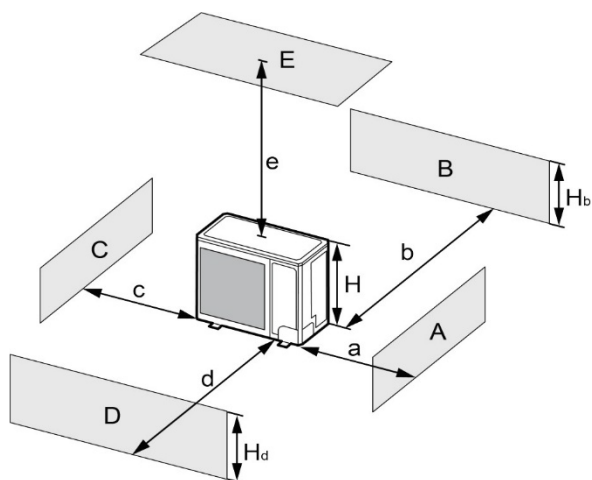


Outdoor Data and Dimensions



Outdoor Unit Data		
Sound Pressure Level	dB(A)	62
Min/Max Voltage	V	187-253
Control Voltage	V	24
Rated Current Cooling	A	22
Rated Current Heating	A	20.8
MCA	A	26.5
MOP	A	40
Dimension (HxWxD)	inch (mm)	32 1/2 x 37 1/8 x 14 9/16 (826 x 943 x 370)
Net Weight	lb (Kg)	152.1 (69)
Gross Weight	lb (Kg)	163.1 (74)
Operating Temperature for Cooling	°F/°C	5~118.4 (-15~48)
Operating Temperature for Heating	°F/°C	5~75.2 (-15~75.2)

Dimensions	A	B	C	D	E	F
Model						
KD24UHO	35 (889)	15-13/16 (402)	25-7/8 (658)	22-7/16 (570)	14-9/16 (370)	13-3/8 (340)
KD30UHO	36-5/16 (923)	16-13/16 (427)	29-3/8 (746)	24 (610)	15-9/16 (396)	14-9/16 (370)
KD36UHO						
KD42UHO	37-1/8 (943)	16-13/16 (427)	32-1/2 (826)	25 (635)	15-9/16 (396)	14-9/16 (370)
KD48UHO						
KD60UHO	39 (990)	16-13/16 (427)	37-13/16 (960)	29-3/4 (755)	15-9/16 (396)	14-9/16 (370)

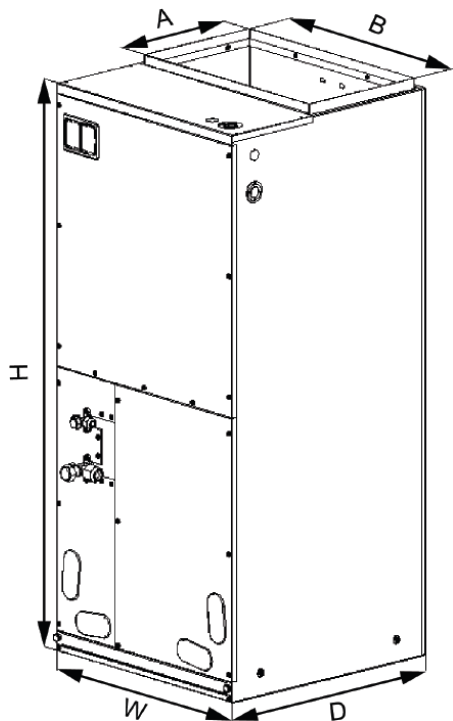


A~E	H _b	H _d	H	(in)				
				a	b	c	d	e
B	—	—	—	-	≥ 4	-	-	-
A,B,C,	—	—	—	≥ 12	≥ 4	≥ 4	-	-
B,E	—	—	—	-	≥ 4	-	-	≥ 40
A,B,C,E	—	—	—	≥ 12	≥ 6	≥ 6	-	≥ 40
D	—	—	—	-	-	-	≥ 40	-
D,E	—	—	—	-	-	-	≥ 40	≥ 40
B,D	H _b < H _d	H _d > H	-	≥ 4	-	≥ 40	-	-
	H _b > H _d	H _d < H	-	≥ 4	-	≥ 40	-	-
B,D,E	H _b < H _d	H _b ≤ 1/2H	-	≥ 10	-	≥ 80	≥ 40	≥ 40
		1/2H < H _b ≤ H	-	≥ 10	-	≥ 80	≥ 40	≥ 40
	H _b > H _d	H _b > H	Prohibited					
		H _d ≤ 1/2H	-	≥ 4	-	≥ 80	≥ 40	≥ 40
		1/2H < H _d ≤ H	-	≥ 8	-	≥ 80	≥ 40	≥ 40
		H _d > H	Prohibited					

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Indoor data and Dimensions



Indoor Unit Data		
Air Flow Volume	CFM (m ³ /h)	1230 (2091)
ESP	in.w.g (Pa)	0.0~1.0 (0~250)
Sound Pressure Level	dB(A)	53
Supplemental Electric Heat (Optional)	KW	(5) (8) (10)
Dehumidification	pt/hr	8.88
Min/Max Voltage	V	187-253
Control Voltage	V	24
Rated Current Cooling	A	1.81
Rated Current Heating	A	1.81
MCA	A	3.4
MOP	A	15
MOP / Electric Heater	A	(30) (45) (60) 208-240V
Dimension (HxWxD)	inch (mm)	48 3/16 x 21 1/4 x 21 1/4 (1224 x 540 x 540)
Net Weight	lb (Kg)	154.3 (70)
Gross Weight	lb (Kg)	167.6 (76)

Model	Dimension				
	W	D	H	A	B
KD24UHI	18-1/8	21-1/4	43-1/2	11-5/8	16-3/4
KD30UHI	(460)	(540)	(1105)	(295)	(426)
KD36UHI	21-1/4	21-1/4	48-3/16	11-5/8	20
KD42UHI	(540)	(540)	(1224)	(295)	(508)
KD48UHI	24-13/16	21-1/4	52	11-5/8	20
KD60UHI	(630)	(540)	(1320)	(295)	(508)

Heat Kit Model	Electric Heat (kW)		Min. Circuit		Max. Fuse or Breaker	
	240V	208V	240V	208V	240V	208V
BLR-5KW	5	3.76	26	22.6	30	25
BLR-8KW	8	6	41.7	36	45	40
BLR-10KW	10	7.51	52	45	60	45
BLR-15KW	15	11.25	52 & 26	45 & 22.6	60 & 30	45 & 25

Optional Smart thermostat bundle

WK-010WC1

WK-010WD1

