



Job name:	Date:
Scheduled Reference:	Contractor:

System information



Outdoor Model	\	KD42UHO
Indoor Model	\	KCA36*I
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



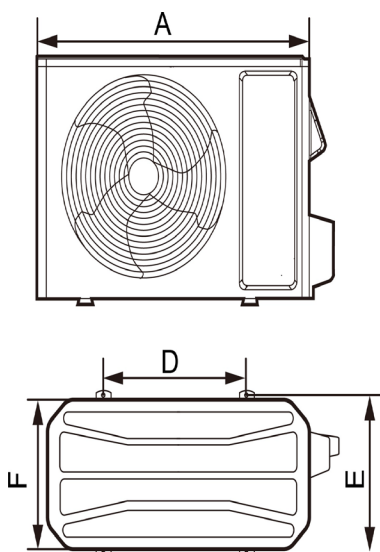
Features:

- High efficiency DC Inverter Technology
- Compact and quiet side discharge unit
- Match with Kinghome or 3rd party indoor unit
- 24V thermostat compatible



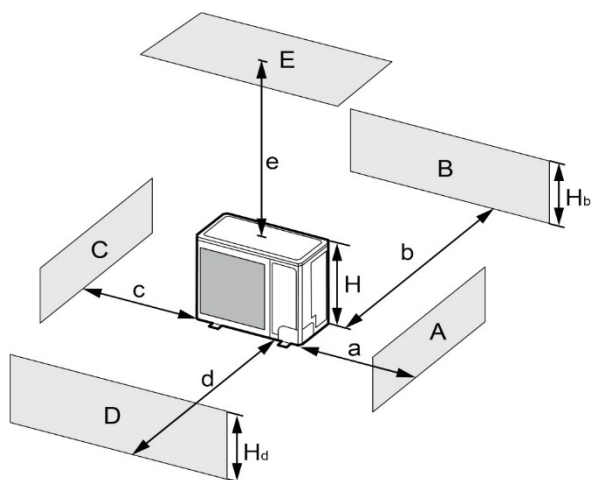


Outdoor Data and Dimensions



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)

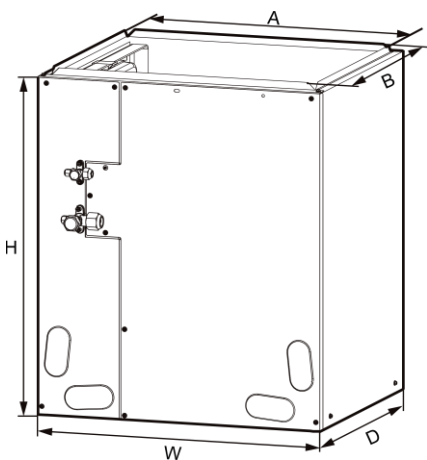
Dimensions	A	B	C	D	E	F
Model						
KD24UHO	35 (889)	15-13/16 (402)	25-7/8 (658)	22-7/16 (570)	14-9/16 (370)	13-3/8 (340)
KD30UHO	36-5/16 (923)	16-13/16 (427)	29-3/8 (746)	24 (610)	15-9/16 (396)	14-9/16 (370)
KD36UHO						
KD42UHO	37-1/8 (943)	16-13/16 (427)	32-1/2 (826)	25 (635)	15-9/16 (396)	14-9/16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



Indoor data and Dimensions



Indoor Unit Data		
Air Flow Volume	CFM (m ³ /h)	1000 (1700)
ESP	in.w.g (Pa)	0.0~1.0 (0~250)
Evaporator Fin per Inch	-	18
Evaporator Number of Circuit	-	12
Throttling Method	-	Thermal Expansion Valve
Dimension (HxWxD)	inch (mm)	23 x 17 1/2 x 21 1/4 (584 x 445 x 540)
Refrigerant Type	-	R410A
Refrigerant Charge	oz(Kg)	8.82 (0.25)
Net Weight	lb (Kg)	64 (29)
Gross Weight	lb (Kg)	75 (34)
Operating Temperature for Cooling	°F/°C	64.4~80.6 (18~27)

Unit: inch(mm)

Model	Dimension				
	W	D	H	A	B
KCA24*I	17-1/2(445)	21-1/4(540)	23(584)	15-7/8(403)	19-3/8(492)
KCA36*I	17-1/2(445)	21-1/4(540)	23(584)	15-7/8(403)	19-3/8(492)
KCA48*I	24-1/2(622)	21-1/4(540)	28-1/2(724)	22-7/8(581)	19-3/8(492)
KCA60*I	24-1/2(622)	21-1/4(540)	28-1/2(724)	22-7/8(581)	19-3/8(492)

Optional Smart thermostat bundle

WK-010WC1

WK-010WD1

