

Job name:	Date:
Scheduled Reference:	Contractor:

System information



Outdoor Model	\	WLUD24W2/D-D(U)
Indoor Model	\	WLCAT36F/NaA
System Rating		
Cooling Capacity	Btu/h	23000
Heating Capacity	Btu/h	23000
Power Supply	\	208-230V/1Ph/60Hz
SEER2	\	15.5
EER2	\	10.5
HSPF2	\	7.8
Gas Pipe	(mm)	3/4 (19)
Liquid Pipe	(mm)	3/8 (9.52)
Standard Pipe Length	ft (M)	24.6 (7.5)
and Outdoor	ft (M)	98.4 (30)
MAX. Vertical Height difference between Indoor and Outdoor	ft (M)	49.2 (15)
Refrigerant Charge	oz	70.6
Connection Method	\	Screw Connection & Solder Connection
Refrigerant Type	\	R410A



Features:

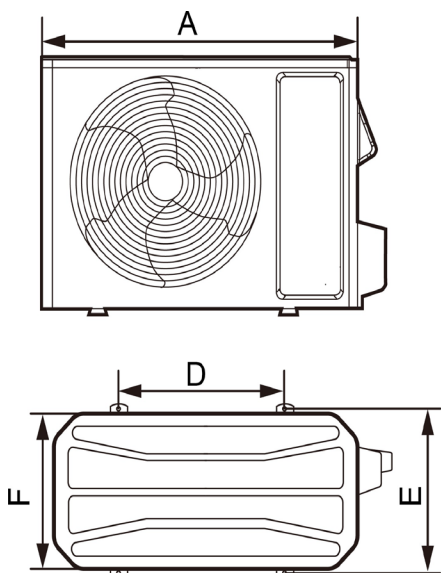
High efficiency DC Inverter Technology

Compact and quiet side discharge unit

Match with TrueNorth or 3rd party indoor

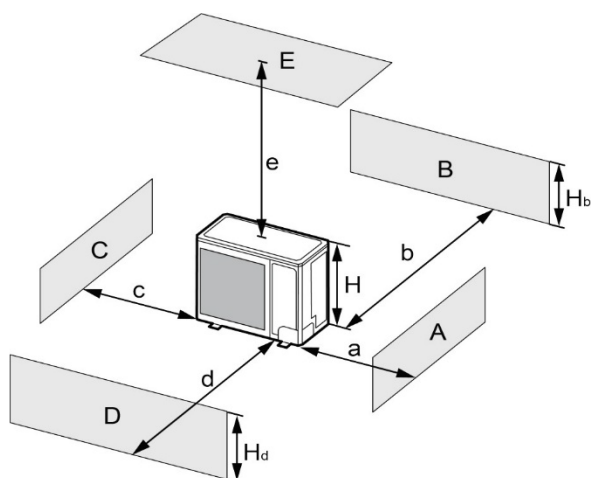
unit 24V thermostat compatible

Outdoor Data and Dimensions



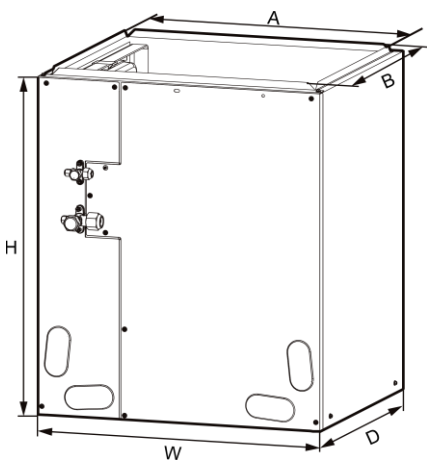
Outdoor Unit Data		
Sound Pressure Level	dB(A)	56
Min/Max Voltage	V	187-253
Control Voltage	V	24
Rated Current Cooling	A	15.5
Rated Current Heating	A	15.5
MCA	A	19.5
MOP	A	30
Dimension (HxWxD)	inch (mm)	25 7/8 x 35 x 13 13/16 (658 x 889 x 340)
Net Weight	lb (Kg)	99.2 (45)
Gross Weight	lb (Kg)	108 (49)
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						
WLUD24W2/D-D(U)	35 (889)	15-13/16 (402)	25-7/8 (658)	22-7/16 (570)	14-9/16 (370)	13-3/8 (340)
WLUD30W2/D-D(U)	36-5/16 (923)	16-13/16 (427)	29-3/8 (746)	24 (610)	15-9/16 (396)	14-9/16 (370)
WLUD36W2/D-D(U)						
WLUD42W2/D-D(U)	37-1/8 (943)	16-13/16 (427)	32-1/2 (826)	25 (635)	15-9/16 (396)	14-9/16 (370)
WLUD48W2/D-D(U)						
WLUD60W2/D-D(U)	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
		1/2H < H _b ≤ H	—	-	≥ 10	-	≥ 80	≥ 40
	H _b > H _d	H _b > H	Prohibited					
		H _d ≤ 1/2H	-	≥ 4	-	-	≥ 80	≥ 40
		1/2H < H _d ≤ H	-	≥ 8	-	-	≥ 80	≥ 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
WLCAT24F/NaA	17-1/2(445)	21-1/4(540)	23(584)	15-7/8(403)	19-3/8(492)
WLCAT36F/NaA	17-1/2(445)	21-1/4(540)	23(584)	15-7/8(403)	19-3/8(492)
WLCAT48H/NaA	24-1/2(622)	21-1/4(540)	28-1/2(724)	22-7/8(581)	19-3/8(492)
WLCAT60H/NaA	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

