

Job name:	Date:
Scheduled Reference:	Contractor:

System information



AHRI number	\	217287923
Outdoor Model	\	WLUD48W2/D-D(U)
Indoor Model	\	WLUD48AH2/D-D(U)
System Rating		
Cooling Capacity	Btu/h	46000
Heating Capacity	Btu/h	46000
Power Supply	\	208-230V/1Ph/60Hz
SEER2	\	15
EER2	\	8.6
HSPF2	\	7.7
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	158.8
Connection Method	\	Screw Connection & Solder Connection
Refrigerant Type	\	R410A



Features:

High efficiency DC Inverter Technology

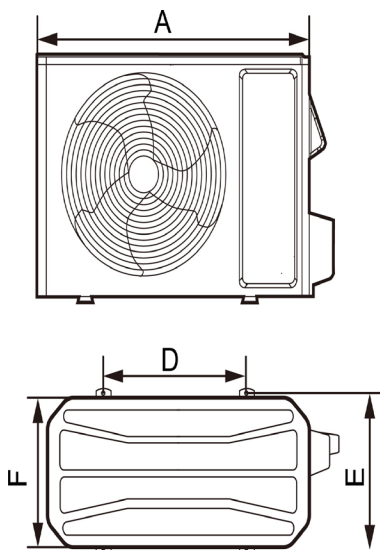
Compact and quiet side discharge unit

Match with TrueNorth or 3rd party indoor unit

24V thermostat compatible

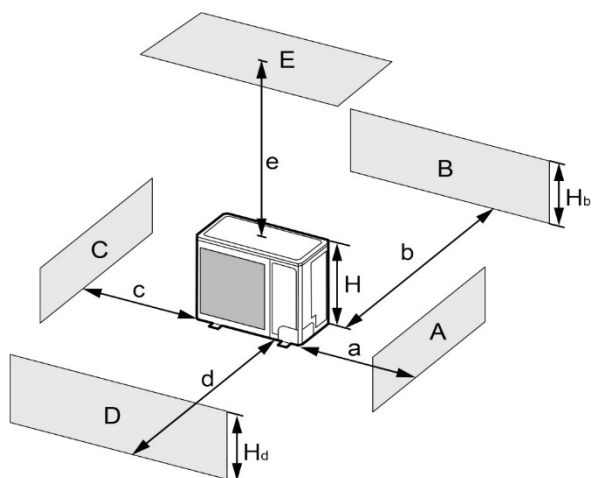


Outdoor Data and Dimensions



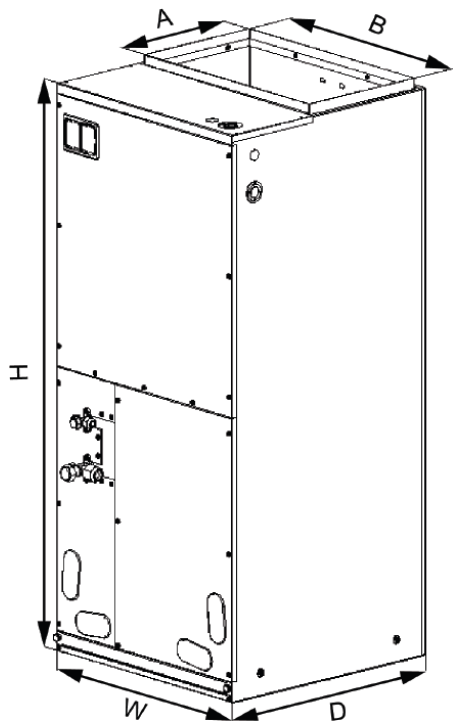
Outdoor Unit Data		
Sound Pressure Level	dB(A)	63
Min/Max Voltage	V	187-253
Control Voltage	V	24
Rated Current Cooling	A	29
Rated Current Heating	A	29
MCA	A	36.5
MOP	A	60
Dimension (HxWxD)	inch (mm)	32 1/2 x 37 1/8 x 14 9/16 (826 x 943 x 370)
Net Weight	lb (Kg)	164.2 (74.5)
Gross Weight	lb (Kg)	175.2 (79.5)
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)	1400 (2380)
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) (15) (20)
Dehumidification	pt/hr	12.32
Min/Max Voltage	V	187-253
Control Voltage	V	24
Rated Current Cooling	A	2.75
Rated Current Heating	A	2.75
MCA	A	5.5
MOP	A	15
MOP / Electric Heater	A	(30) (45) (60) (80) (125) 208-240V
Dimension (HxWxD)	inch (mm)	51 15/16 x 24 13/16 x 21 1/4 (1320 x 630 x 540)
Net Weight	lb (Kg)	198.6 (86)
Gross Weight	lb (Kg)	203.9 (92.5)

Model	Dimension				
	W	D	H	A	B
WLUD24AH2/D-D(U)	18-1/8	21-1/4	43-1/2	11-5/8	16-3/4
WLUD30AH2/D-D(U)	(460)	(540)	(1105)	(295)	(426)
WLUD36AH2/D-D(U)	21-1/4	21-1/4	48-3/16	11-5/8	20
WLUD42AH2/D-D(U)	(540)	(540)	(1224)	(295)	(508)
WLUD48AH2/D-D(U)	24-13/16	21-1/4	52	11-5/8	20
WLUD60AH2/D-D(U)	(630)	(540)	(1320)	(295)	(508)

Heat Kit Model	Electric Heat (kW)		Min. Circuit		Max. Fuse or Breaker	
	240V	208V	240V	208V	240V	208V
BLR-10KW	10	7.51	52	45	60	45
BLR-15KW	15	11.25	52 & 26	45 & 22.6	60 & 30	45 & 25
BLR-20KW	20	15.02	52 & 52	45 & 45	60 & 60	45 & 45

Optional Smart thermostat bundle

WK-010WC1

WK-010WD1

