



SPLIT TYPE

AIRY

Model:
KW12XQ29SDI
KW12XQ29SDO



- Auto-Clean function
- Dehumidification
- I-Feel function
- Self-diagnosis
- Precise airflow control
- Low Voltage start-up
- Swing louver control
- Intelligent Defrosting

Item	Unit	Parameter
AHRI number	\	215876649
Outdoor Model	\	KW12XQ29SDO
Indoor Model	\	KW12XQ29SDI
System Rating		
Cooling Capacity (95°F)	Btu/h	12000
Heating Capacity (47°F)	Btu/h	12200
Heating Capacity (17°F)	Btu/h	10300
Cooling Capacity Range	Btu/h	2900-17000
Heating Capacity Range	Btu/h	3270-18766
Power Supply	\	208-230V/1Ph/60Hz
SEER2	\	28
HSPF2	\	10
EER2	\	15.2
COP	\	4.53
Gas Pipe	inch (mm)	1/2 (12)
Liquid Pipe	inch (mm)	1/4 (6)
Standard Pipe Length	ft (M)	24.6 (7.5)
MIN. Refrigerant Pipe Length	ft (M)	10 (3)
MAX. Refrigerant Pipe Length	ft (M)	131.2 (40)
MAX. Vertical Height difference between Indoor and Outdoor	ft (M)	82 (25)
Connection Method	\	Screw Connection
Refrigerant Type	\	R32
Factory Charge	oz	35.3
Additional Charge	oz	0.2
Pre-Charge Length	ft (M)	24.6 (7.5)
Controller Model	\	YBE1FB9F



Job Name:

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Indoor Unit Data		
Air Flow Volume	CFM (m ³ /h)	212~565 (360~960)
Sound Pressure Level	dB(A)	19~43
Dehumidification	pt/hr	2.96
Min/Max Voltage	V	187-253
MCA	A	Powered from ODU
MOP	A	Powered from ODU
Dimension (HxWxD)	inch (mm)	13 21/32 x 38 3/16 x 10 1/8 (347 x 970 x 257)
Net Weight	lb (Kg)	31.1 (15)
Gross Weight	lb (Kg)	38.6 (17.5)
Outdoor Unit Data		
Compressor Type	\	Rotary
Compressor Oil	\	FW68L
Compressor RLA	A	7.2
Sound Pressure Level	dB(A)	55
Min/Max Voltage	V	187~253
MCA	A	11
MOP	A	15
Dimension (HxWxD)	inch (mm)	21 27/32 x 34 3/8 x 14 51/64 (555 x 873 x 376)
Net Weight	lb (Kg)	78.3 (35.5)
Gross Weight	lb (Kg)	84.9 (38.5)
Operating Temperature for Cooling	°F/°C	-20~122 (-29~50)
Operating Temperature for Heating	°F/°C	-22~86 (-30~30)

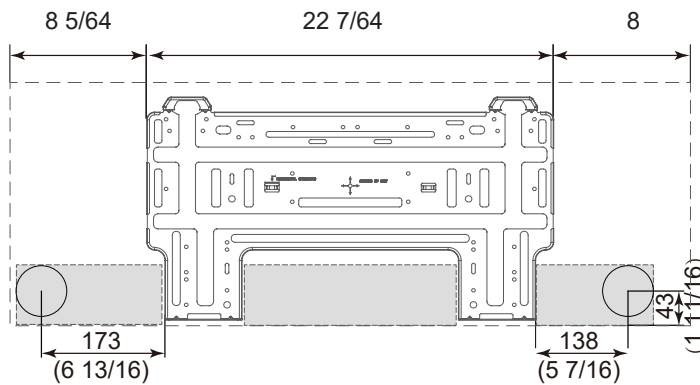
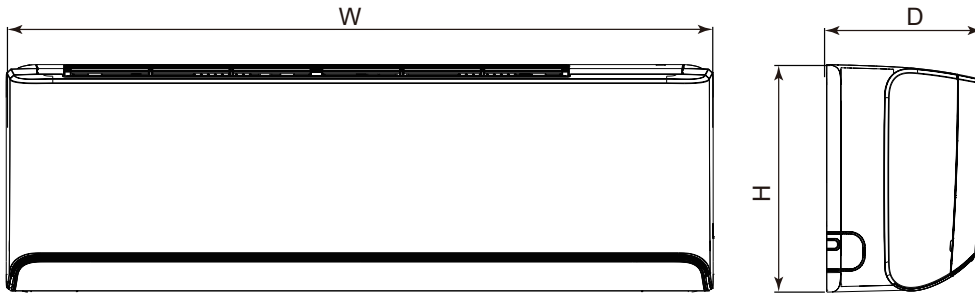
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Outline and Physical Dimensions



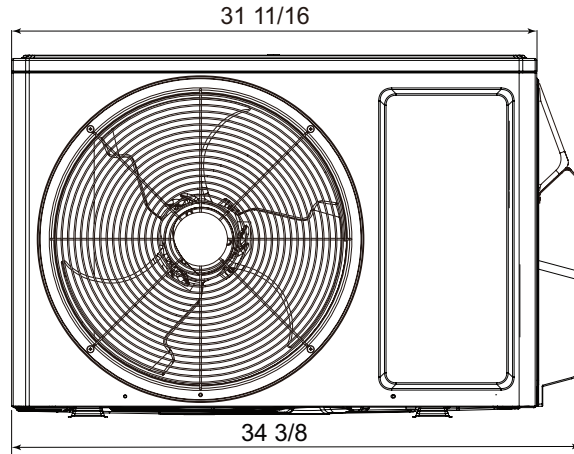
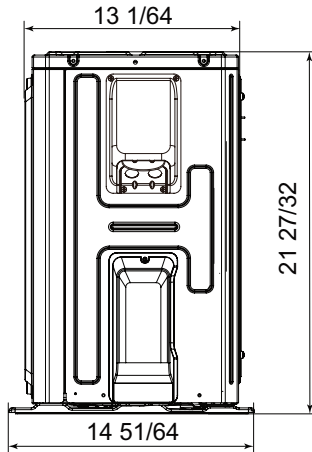
Dimensions Inch (mm)	9K-12K	18K	24K
H	13 21/32 (347)	13 21/32 (347)	13 21/32 (347)
W	38 3/16 (970)	43 45/64 (1110)	43 45/64 (1110)
D	10 1/8 (257)	10 1/8 (257)	10 1/8 (257)



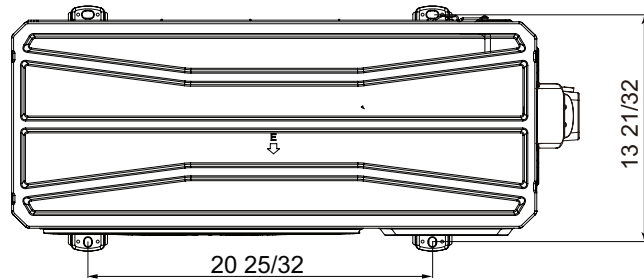
Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	1/2-in OD Flared
Drain Connector	5/8-in OD



Outline and Physical Dimensions



Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	1/2-in OD Flared



Dimensions Inch (mm)	9K-12K	18K	24K
H	21 27/32 (555)	25 63/64 (660)	29 3/8 (746)
W	34 3/8 (873)	37 23/32 (958)	39 3/8 (1000)
D	14 51/64 (376)	15 53/64 (402)	16 13/16 (427)

