

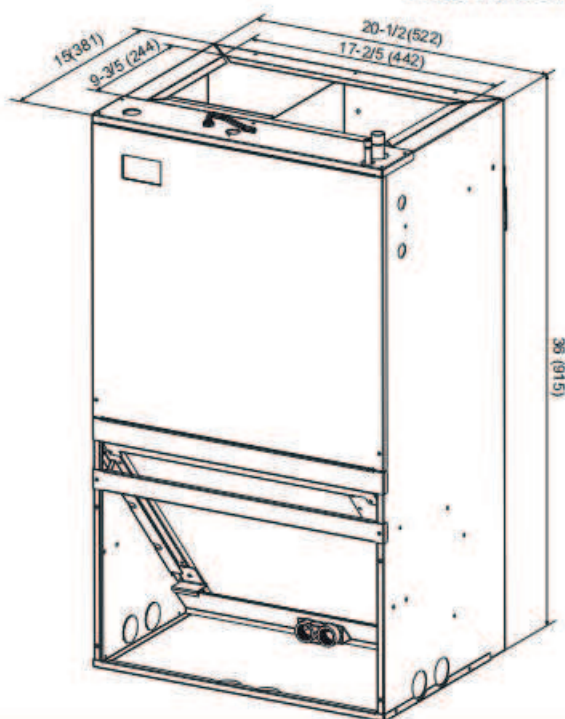
MODEL	INDOOR UNIT		DP-FR24SMR4	
	OUTDOOR UNIT		DP-AC24SMR4	
			Cooling	Heating
Rated Capacity (Min. ~ Max.)		W	6450	N/A
		Btu/h	22000	N/A
Rated Running Current		A	8.3	N/A
Rated Power Consumption		W	1880	N/A
EER2		Btu/h/W	11.7	N/A
SEER2			14.3	N/A
COP		W/W	N/A	N/A
HSPF2			N/A	N/A
Power Factor (Rated)			N/A	
Piping Connections	Liquid	inch (mm)	3/8	
	Gas	inch (mm)	3/4	
Refrigerant	Type		R454B	
	Charge	oz (kg)	79.3(2.25)	
Max. Interunit Piping Length		ft (m)	164 (50)	
Max. Interunit Height Difference		ft (m)	66 (20)	
Chargeless		ft (m)	25 (7.6)	
Amount of Additional Charge of Refrigerant		oz/ft (g/m)	0.69(64.2)	
INDOOR UNIT			DP-FR24SMR4	
Front Panel Colour			HIGH GLOSS GRAY	
Airflow Rate	1st	CFM	/	
	2nd	CFM	685	
	3rd	CFM	797	
	4th	CFM	904	
	5th	CFM	958	
Sound Pressure Level (H/M/L/Q)		dBA	54	
Fan	Type		centrifugal	
	Drive		DIRECT	
	Speed		2nd, 3rd, 4th, 5th gear	
Fan Motor	Type		ECM	
	Motor Output	W	249	
	Running Current (Rated)	A	2.9	
Air Direction Control			Front return air, top outlet air	

Air Filter			/
Dimensions (W xH x D)	inch (mm)	20-1/2x36x15 (522×915×381)	
Weight	lbs (kg)	88(40)	
Condensate Drain Size (NPT)	inch (mm)	3/4(19)	
OUTDOOR UNIT			DP-AC24SMR4
Casing Color			HIGH GLOSS GRAY
Airflow Rate	High	CFM	1950
Sound Pressure Level		dBA	60
Fan	Type		PROPELLER
	Drive		DIRECT
Fan Motor	Type		PSC
	Index of protection (IP)		24
	Insulation Grade		F
	Running Current (Rated)	A	0.8
	Motor Output	W	85
	Poles		6
Compressor	Type		Scroll
	Model		YPH020KAA
	Oil type		POE
	Oil amount	oz (cm3)	25 (740)
Heat Exchanger Type			FIN TUBE
Dimensions (W x H x D)	inch (mm)	23-3/5x25x23-3/5(600 x 635x 600)	
Weight	lbs (kg)	133(60.3)	

Indoor Unit

Model :DP-FR24SMR4

FOR ILLUSTRATIVE PURPOSES ONLY

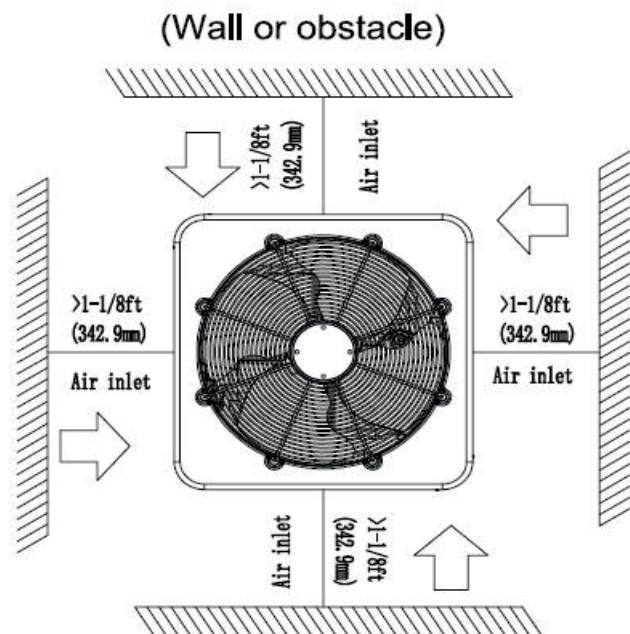
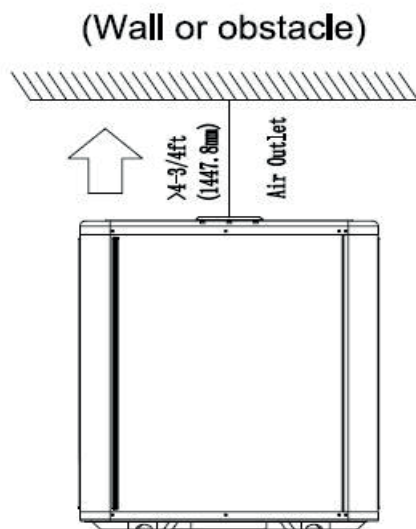


Note: Dimension in inch (mm)

Outdoor Unit

Model : DP-AC24SMR4

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CONTROL WIRING

1-11/32" (34.5mm) &
1-2/25" (27.5mm)

POWER WIRING

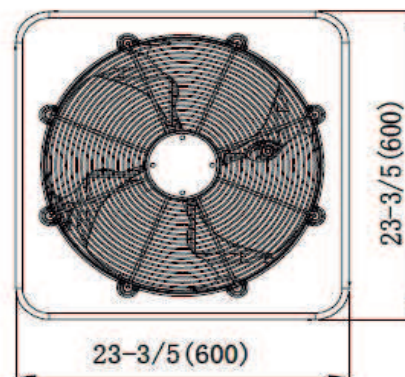
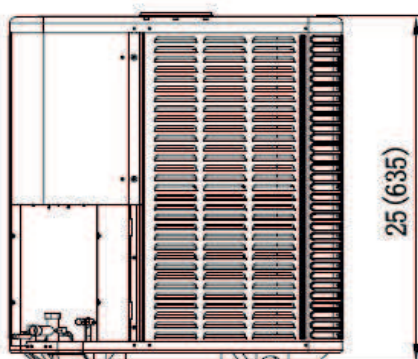
7/8" (22.2mm)

LIQUID LINE CONNECTION

3/8" (9.5mm)

VAPOR LINE CONNECTION

3/4" (19mm)



Note: Dimension in inch(mm)

Unit Combination		Power Supply		Indoor Unit		IFM		Outdoor Unit		COMP		OFM	
Indoor Unit	Outdoor Unit	Hz-Volts	Voltage Range	MCA	MOP	kW	MOC	MCA	MOP	RHz	A	kW	MOC
DP-FR24SMR4	DP-AC24SMR4	60Hz-208/230V	MAX. 60Hz 253V MIN. 60Hz 198V	2.50	3	0.249	2.9	15.2	20.0	60	11.4	0.085	0.8

Symbols:

MCA	: Minimum Circuit Amps (A)
MOP	: Maximum Overcurrent Protection (A)
COMP	: Compressor
RHz	: Rated Operating Frequency (Hz)
A	: Compressor Input Current (A)
OFM	: Outdoor Fan Motor
IFM	: Indoor Fan Motor
kW	: Fan Motor Rated Output (kW)
MOC	: Maximum Operating Current (A)

Notes:

1. RHz is the max frequency that comes in cooling operation and heating operation.
2. RLA is the max current that comes in cooling operation and heating operation.
3. Maximum allowable voltage that is unbalance between phases is 2%.
4. Select wire size based on the larger value of MCA.
5. Use circuit breaker instead of fuse