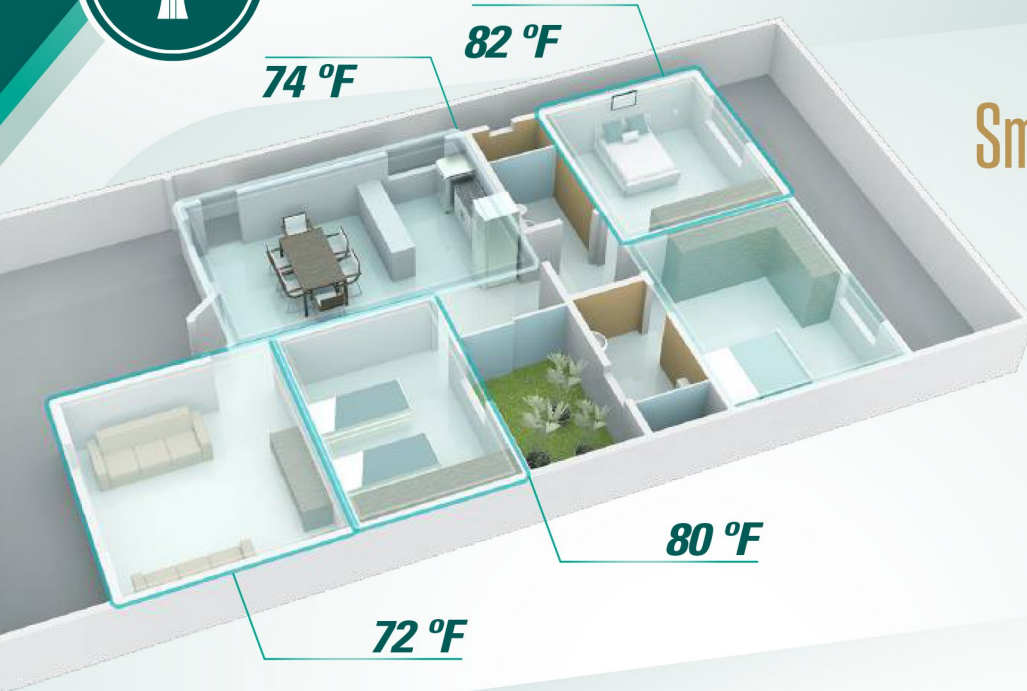




# OUTDOOR UNIT



Connections				up to 2 indoor units	up to 3 indoor units	up to 4 indoor units	up to 5 indoor units	
Model Name				VOM18H7R2P7	VOM24H7R3P7	VOM36H7R4P7	VOM42H7R5P7	
Refrigerant Type				R410A	R410A	R410A	R410A	
Capacity	Cooling Capacity		95 °F	Btu/h	18000	24000	32000	42000
	Heating Rated Capacity		47 °F	Btu/h	18000	24000	36000	42000
	Heating Maximum Capacity		17 °F	Btu/h	12200	15400	22800	24000
			17 °F	Btu/h	20000	26000	40000	40000
	Cooling		5 °F	Btu/h	18000	24000	36000	36000
				kW	/	/	/	/
	Heating		95 °F	Btu/h	18000(7500~24000)	24000(8000~30200)	32000(12000~42000)	42000(9000~50000)
				kW	/	/	/	/
		47 °F	Btu/h	18000(5800~28700)	24000(5200~37000)	36000(8000~52000)	42000(9000~52000)	
Air Flow								
				1850	2350	3411	3411	
EER			95 °F	Btu/ (W•h)	12.5	12.5	12.5	10.5
EER				W/W	3.66	3.66	3.66	3.08
COP			47 °F	W/W	3.45	3.66	3.37	3.17
COP			47 °F	Btu/ (W•h)	11.77	12.49	11.50	10.82
SEER				Btu/ (W•h)	22	22	21	20
HSPF				Btu/ (W•h)	11	11	11	10.0
Noise Level								
				dB(A) (Max)	55	59	59	63
Guaranteed Operating Range		Cooling		°F	14~114.8	14~114.8	14~114.8	14~114.8
		Heating		°F	-13~75.2	-13~75.2	-13~75.2	-4~75.2
Compressor								
Type					ROTARY	ROTARY	ROTARY	ROTARY
Power								
				V/Hz/Ph	208/230 50/60 1	208/230 50/60 1	208/230 50/60 1	208/230 50/60 1
Power input		Cooling	95 °F	W	1440(510~2610)	1920 ( 420 ~2640 )	2550(690~5010)	4020(660~5550)
		Heating	47 °F	W	1530(450~3510)	1920 ( 420 ~4020 )	3120(600~6000)	3870(540~6450)
Rated current		Cooling	95 °F	A	6.5	8.7	11	17.5
		Heating	47 °F	A	6.9	8.7	13	17
Power Consumption in Stand-by mode								
				W	12	20	20	20
Net Dimension (WxHxD)								
				inch	33-7/8x26-3/8x12-1/4	37-3/8x33x13-3/8	37-3/8x41-3/8x13-3/8	37-3/8x41-3/8x13-3/8
Net Weight								
				lbs	116.8	158.7	188.5	198.4
Package Dimension (WxDxH)								
				inch	39x17-3/4x28-3/4	43-3/4x18-1/8x36-1/4	43-3/4x18-1/8x47-1/4	43-3/4x18-1/8x47-1/4
Gross Weight								
				lbs	125.6	169.5	220.5	224.5
Piping								
				Diameter(Liquid)	inch	1/4	1/4	1/4
				Diameter(Gas)	inch	3/8	3/8	3/8
				Max Length(Each)	ft	82	66	66
				Max Length( Total)	ft	164	197	246
				Max Height	ft	49	49	49
Refrigerant Charge								
				oz	63.49	81.13	105.82	120
Additional refrigerant								
				oz/ft	0.161oz/ft over 49ft	0.161oz/ft over 74ft	0.161oz/ft over 98ft	0.161oz/ft over 123ft



## Smart Control Technology

*Automatic distribution of refrigerant to each indoor unit to balance the cooling or heating capacity for each room. This allows better comfort at different desired temperatures.*

## Hyper Heat

*Hyper Heat assures consistent comfort specialized for extreme climates. Condenser heat output capacity allows the unit to work efficiently as a primary heat source, even when temperature drops to -13°F*



## Mix and Match

*Mix and match different types of indoor units which include high wall mounts, cassettes, or ducted units.*

