



Model		HSA90R
Indoor unit		HSA90R-I
Outdoor unit		HSA90R-O
Type		Reverse cycle
Rated values		
Cooling Capacity	W	9000
Cooling Capacity Range		4000 ~ 9500
Heating Capacity	W	9200
Heating Capacity Range		3100 ~ 10500
Rated Input-Cooling	W	2690
Input-Cooling Range	W	800 ~ 3500
Rated Input-Heating	W	2630
Input-Heating Range	W	700 ~ 3500
Moisture Removal	L/Hour	3
Air Circulation_max (Super/High/High middle/ Middle/low middle/low/silent)	m ³ /h	1400/1200/1130/1050/950/900/500
EER		3.35
COP		3.5
AEER		3.32
ACOP		3.5
Energy star rating for cooling - Hot		3
Energy star rating for heating - Hot		3
Energy star rating for cooling - Average		3
Energy star rating for heating - Average		2.5
Energy star rating for cooling - Cool		3
Energy star rating for heating - Cool		1.5
Energy star rating for cooling - (Old rating)		2
Energy star rating for heating - (Old rating)		2.5

Outdoor temperature range	°C @ 30% humidity	-15 to +50 for cooling -15 to +24 for heating
Refrigerant	Type/kg	R32 / 2.05
Noise		
Indoor unit (fan mode high)	dB (A) [S. pressure]	47
Indoor unit (fan mode silent)	dB (A) [S. pressure]	35
Outdoor unit	dB (A) [S. power]	69
Power Supply		
Voltage, Frequency, Phase		220 ~ 240V/ 50Hz - 1 phase
Rated current cooling	A	12.1
Current range cooling	A	3.8 ~ 18
Rated current heating	A	11.9
Current range heating	A	3.5 ~ 17.5
System		
Compressor type/ drive		Rotary/ Inverter
Expansion Device		Electronic Expansion Valve
Evaporator		Copper tube and Aluminium Fin
Condenser		Copper tube and Aluminium Fin
Piping		
Liquid pipe diameter	inch	3/8
Gas pipe diameter	inch	5/8
Maximum piping length/ height	m	40 / 20
Features		
Hidden display		Yes
LCD Wireless Remote Controller		Yes
Removable and washable Panel		Yes
Washable polypropylene Filter		Yes
Silver Ion filter		Yes
24 Hours Timer		Yes
7 Speed and Auto mode for indoor fan control		Yes
3 DC motors (Indoor fan, outdoor fan, compressor)		Yes
Vertical Auto Swing Louver		Yes
Horizontal Auto Swing Louver		Yes
Dimmer		Yes
Sleep Operation		Yes
Smart Function		Yes
Super Function		Yes
Demand Response		Yes
Auto Restart		Yes

Dimensions		
Net dimensions indoor unit	[WxHxD] mm	1280×346×257
Net dimensions outdoor unit	[WxHxD] mm	885x795x366
Net weight indoor unit	kg	18.5
Net weight outdoor unit	kg	61
Packing dimensions indoor unit	[WxHxD] mm	1385x435x325
Packing dimensions outdoor unit	[WxHxD] mm	1050X890X500
Gross weight outdoor unit	kg	22
Gross weight indoor unit	kg	65