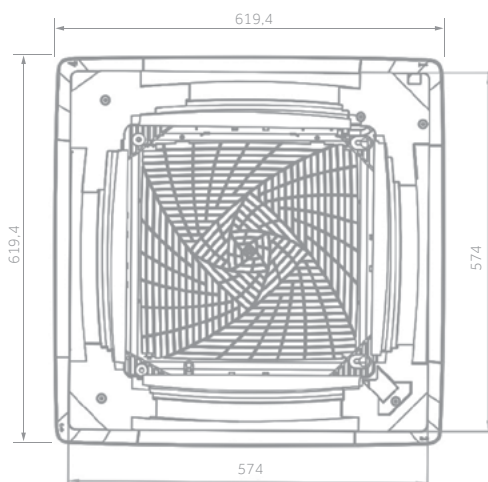
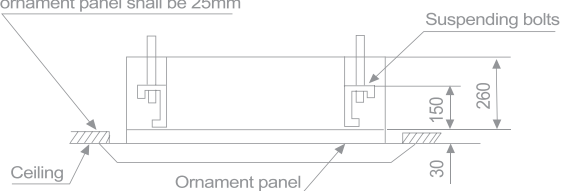




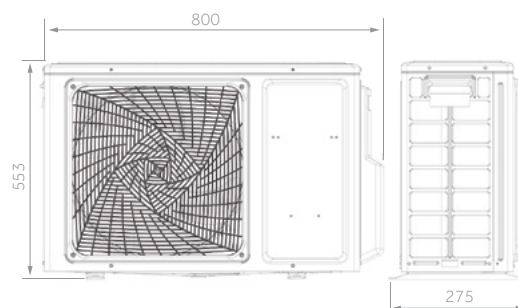
AB35 - AB50



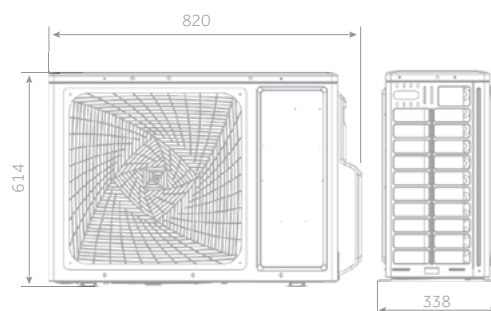
Overlap between ceiling and ornament panel shall be 25mm



1U35



1U50



3.5 kW

5.0 kW

Residential MonoSplit Inverter CASSETTE 620

Haier

3.5 kW

5.0 kW

OPTIONAL CONTROL



Silence



4 way independent



Optional Wi-Fi



Fresh Air



On-Off Card

- Low noise level
- Wi-Fi control (OPTIONAL)
- 'Fresh air' knockout is incorporated in the chassis to allow fresh air introduction of up to 20% of nominal unit air flow without compromising the cooling capacity.
- On-Off card

INDOOR UNIT	Model		AB35S2SC2FA	AB50S2SC2FA
OUTDOOR UNIT	Model		1U35S2SM1FA	1U50S2SJ2FA
Performance data				
Output power - COOLING	nom (min-max)	kW	3.5 (0.9 - 4.5)	5.0 (1.8 - 5.8)
Output power - HEATING	nom (min-max)	kW	4.0 (1.0 - 4.8)	5.5 (2.0 - 6.5)
Absorbed power - COOLING	nom (min-max)	kW	1.06 (0.28 - 1.80)	1.53 (0.55 - 2.00)
Absorbed power - HEATING	nom (min-max)	kW	0.99 (0.28 - 1.80)	1.52 (0.60 - 2.00)
Energy class	EER	w/w	3.31	3.26
	COP	w/w	3.71	3.42
COOLING Pdesign	35 °C	kW	3.5	5.0
HEATING Pdesign	(-10 °C)	kW	3.0	4.0
Energy class	SEER		6.1 (A++)	6.1 (A++)
	SCOP		3.8 (A)	3.8 (A)
Annual Energy Consumption - COOLING		kWh/a	222	363
Annual Energy Consumption - HEATING		kWh/a	1427	1932
Indoor Unit				
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50
Treated air volume	H/ M / L	m³/h	620/520/450	700/620/500
Dehumidification		L/h	1.0	2.2
High sound power - COOLING		dB	52	55
High sound power - HEATING		dB	52	55
Sound pressure - COOLING		dB(A)	36/33/30/27	42/37/35/32
Sound pressure - HEATING		dB(A)	36/33/30/27	42/37/35/32
Net dimensions	WxDxH	Mm	570x570x260	570x570x260
Net weight		Kg	18.5	19
Panel				
Net dimensions	WxDxH	Mm	620x620x60	620x620x60
Net weight		Kg	2.8	2.8
Outdoor Unit				
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50
Sound power	H	dB	61	63
Sound pressure	H	dB(A)	48	51
Absorbed current	Max	A	7.2	10.9
Net dimensions	WxDxH	Mm	800x275x553	820x338x614
Net weight		Kg	31.5	37.8
Compressor type			Inverter rotary	Inverter twin rotary
Compressor brand			Mitsubishi	Mitsubishi
Installation data				
Refrigerant			R32	R32
Liquid pipe	Ø	Mm	6.35	6.35
Gas pipe	Ø	Mm	9.52	12.7
Standard pipe length without refrigerant charge		M	5	5
Maximum pipe length		M	15	25
Maximum IU - OU elevation		M	10	15
Refrigerant charge in the factory		Kg	0.94	0.95
CO2 equivalent		tCO2EQ	0.63	0.64
Additional charge ref. over std length		g/m	20	20
Operating limits - COOLING	min-max	°C	21-35°C (in) / -10-43°C (out)	
Operating limits - HEATING	min-max	°C	10-27°C (in) / -15-24°C (out)	