

CASSETTE 620

2,5 kW

3,5 kW

5,0 kW



Integrated
Wi-Fi Control



Black Panel - While stocks last*



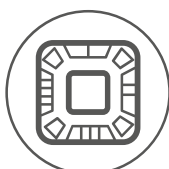
Please see pages 31 & 32
For Controller Options

Ceiling-mounted air conditioner designed for seamless integration in offices, shops, or any space where discretion and efficiency matter. Its compact, low-profile panel blends effortlessly into ceilings while operating at only whisper-quiet 28 dB(A). The unit ensures continuous fresh air circulation, maintaining optimal indoor air quality. With A++ cooling efficiency and A-rated heating performance, it delivers comfort without compromise.

KEY FEATURES



Silence



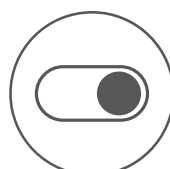
4 Way
Independent



UVC
Sterilisation



Fresh Air

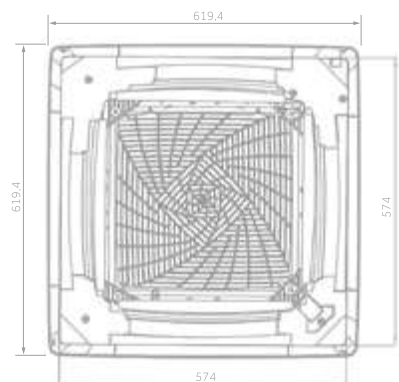


On-Off Card

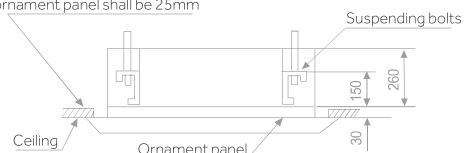
MODEL	Indoor		AB25S2SC2FA(H)	AB35S2SC2FA(H)	AB50S2SC2FA(H)
	Outdoor		1U25S2SM1FA-2	1U35S2SM1FA-2	1U50S2SJ2FA-2
Performance data					
Output power - COOLING	nom (min-max)	kW	2,5 (0,7-4,3)	3,50 (0,90-4,50)	5,00 (1,80-5,80)
Output power - HEATING	nom (min-max)	kW	3,23 (0,9-4,6)	4,00 (1,00-4,80)	5,50 (2,00-6,50)
Absorbed power – COOLING	nom (min-max)	kW	0,89 (0,25-1,6)	1,06 (0,28-1,80)	1,53 (0,55-2,00)
Absorbed power – HEATING	nom (min-max)	kW	0,87 (0,25-1,6)	1,08 (0,28-1,80)	1,52 (0,60-2,00)
Energy class	EER	W/W	2,8	3,31	3,26
	COP	W/W	3,71	3,71	3,42
COOLING Pdesign	35 °C	kW	2,5	3,50	5,00
HEATING Pdesign	(-10 °C)	kW	2,8	3,00	4,00
Energy class	SEER		6,10 (A++)	6,10 (A++)	6,10 (A++)
	SCOP		4,00 (A+)	3,80 (A)	4,00 (A+)
Annual Energy Consumption - COOLING		kWh/a	210	222	363
Annual Energy Consumption - HEATING		kWh/a	1398	1427	1932
Indoor Unit					
Power supply		Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
Treated air volume	H/M/L/Q	m3/h	580/480/380/280	620/520/450/350	700/620/500/400
High sound power		dB	50	52	55
Sound pressure		dB(A)	35/32/28/26	36/33/30/27	42/37/35/32
Net dimensions	WxDxH	mm	570x570x260	570x570x260	570x570x260
Packaging dimensions	WxDxH	mm	718x680x380	718x680x380	718x680x380
Net/gross weight		kg	18,5/22	18,5/22,0	19,0/22,0
Panel	Model		PB-620KB(H)	PB-620KB(H)	PB-620KB(H)
Panel Net dimensions	WxDxH	mm	620x620x60	620x620x60	620x620x60
Panel Packaging dimensions	WxDxH	mm	660x660x115	660x660x115	660x660x115
Panel Net/gross weight		kg	2,8/4,5	2,8/4,5	2,8/4,5
Outdoor Unit					
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Power cable		N x mm2	3 x 1,5	3 x 1,5	3 x 1,5
Interconnection cable		N x mm2	4 x 1,0	4 x 1,0	4 x 1,0
Sound power	H	dB	60	61	63
Sound pressure	H	dB(A)	47	48	51
Running current cooling/heating	Max	A	8,0	8,0	10,68
Starting current cooling/heating	Max	A	2,0	2,0	2,0
Net dimensions	WxDxH	mm	800x280x553	800x280x553	820x305x643
Packaging dimensions	WxDxH	mm	902x375x614	902x375x614	940x390x697
Net/gross weight		kg	27,6/30,4	30,0/32,9	37,8/40,5
Compressor type			Rotary inverter	Rotary inverter	Rotary inverter
Installation data					
Refrigerant			R32	R32	R32
Liquid pipe	Ø	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
Gas pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)
Standard pipe length without refrigerant charge		m	7	7	7
Maximum pipe length		m	20	20	25
Maximum IU - OU elevation		m	10	10	15
Refrigerant charge in the factory		kg	0,63	0,78	1,10
Refrigerant charge in the factory		TCO2eq	0,43	0,53	0,74
Additional ref. charge over std length		g/m	20	20	20
Operating limits - COOLING (in/out)		min-max	°C -20-43		
Operating limits - HEATING (in/out)		min-max	°C -20-24		

CASSETTE 620

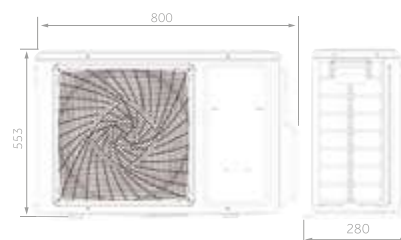
AB25 / AB35 / AB50



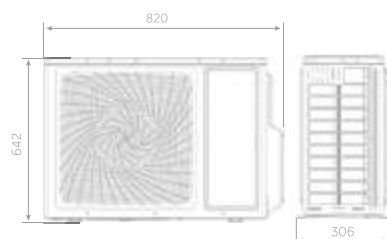
Overlap between ceiling and ornament panel shall be 25mm



1U25 / 1U35

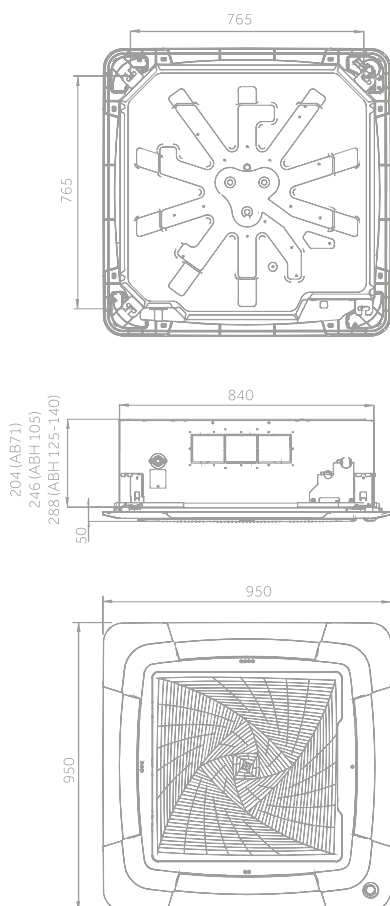


1U50

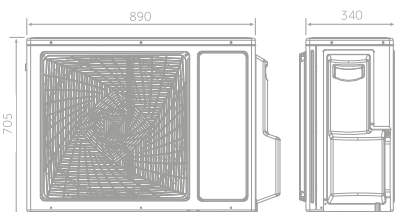


ROUND FLOW CASSETTE

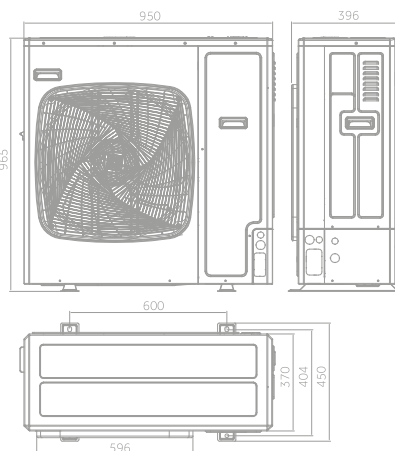
AB71 / AB105 / AB125



1U71



1U125



1U105

