NEW 1 WAY CASSETTE



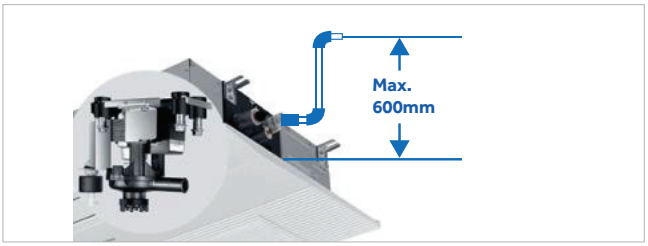
185MM ULTRA-THIN UNIT

185mm of thickness for easy installation.



HIGH LIFT-UP DRAIN PUMP

It can lift condensed water up to 600mm, which make installation more flexible according to the layout.

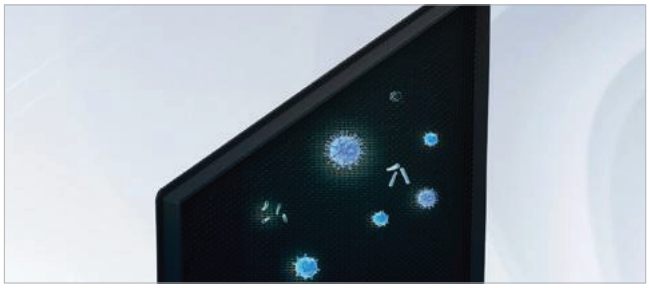


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1-WAY CASSETTE NEW

ANTIBACTERIAL FILTER

With silver ion health filter, its bactericidal rate is as high as 99.9%, mildew grade is 0.



UVC STERILISATION

The built-in UVC Sterilisation module emits short-wave ultraviolet rays near the return air outlet to sterilise the air entering the air conditioner, without harmful chemicals and residues.



WI-FI

Besides normal wired/infrared control, Haier provides smart control with our hOn APP, including the ON/OFF, operation mode selection, fan speed, temperature, air flow adjustment, schedule and UVC function.



ROOM CARD

Allows the use of room cards to control the unit (on and off). Suitable for applications such as hotel.



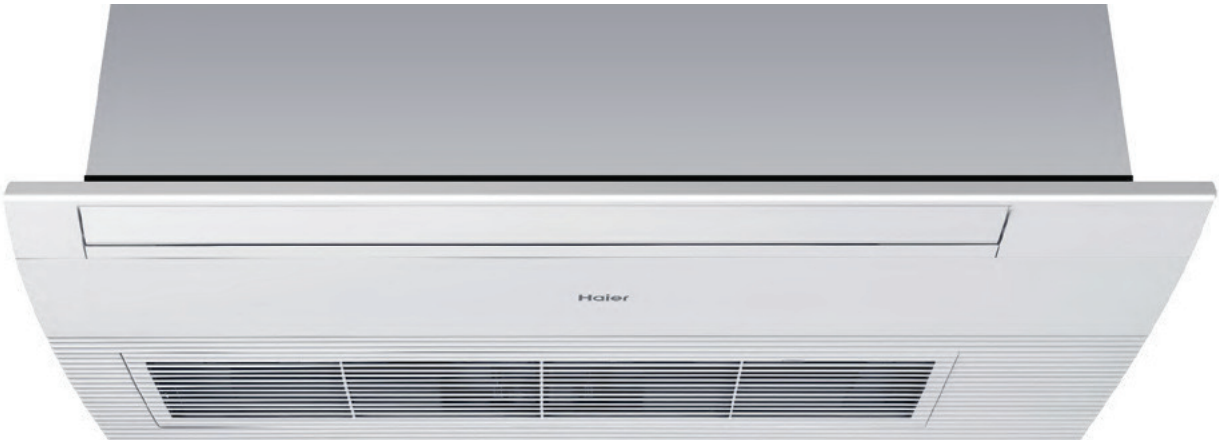
10° TILT PANEL

10° tilt panel avoids the air blowing directly into people, providing a more even airflow.

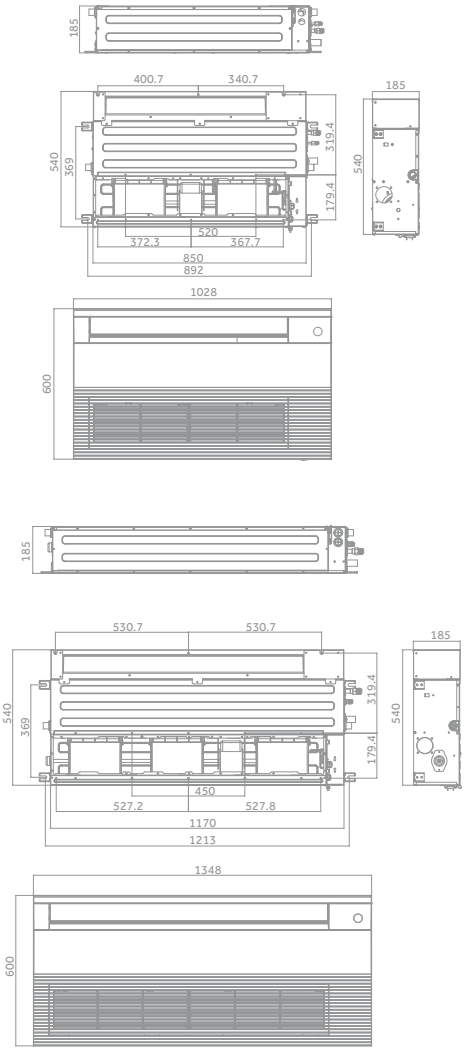


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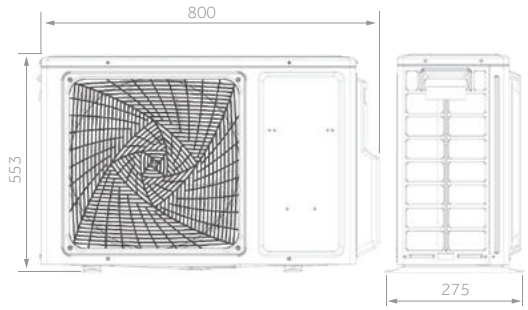
NEW 1 WAY CASSETTE



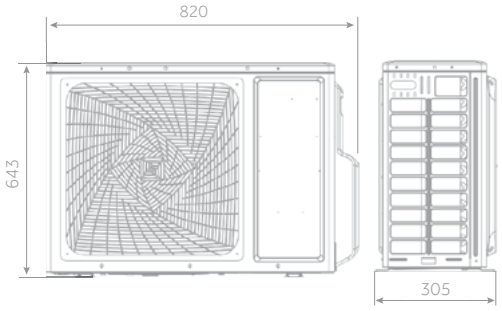
AB25 - AB35 - AB50 - AB71



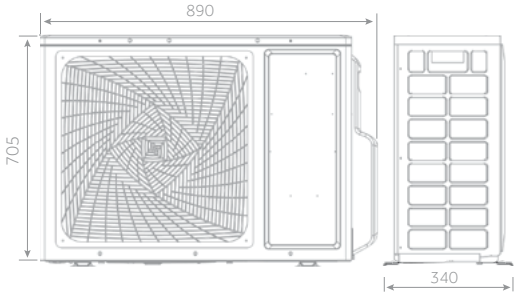
1U25 - 1U35

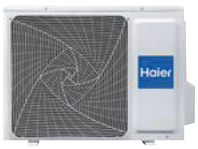


1U50



1U71





2.5 kW - 3,5 kW



5,0 kW



7,1 kW

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1-WAY CASSETTE NEW

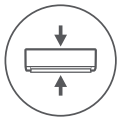
Haier

2,5 kW
3,5 kW
5,0 kW
7,1 kW

Please see pages 40 & 41
For Controller Options



A++ / A+


Compact Design



Integrated Wi-Fi Control



UVC Sterilisation


Fresh Air



- Compact Design (185 mm)
- Integrated Wi-Fi control
- UVC Sterilisation
- 'Fresh air' knockout is incorporated in the chassis to allow fresh air introduction

INDOOR UNIT	Model		AB25S2SA1FA(H)	AB35S2SA1FA(H)	AB50S2SA1FA(H)	AB71S2SA1FA(H)
OUTDOOR UNIT	Model		1U25S2SM1FA-2	1U35S2SM1FA-2	1U50S2SJ2FA-2	1U71S2ST1FA
Performance data						
Output power - COOLING	nom (min-max)	kW	2,6 (0,7-4,3)	3,5 (1,0-4,3)	5,0 (1,8-5,8)	6,9 (2-7,3)
Output power - HEATING	nom (min-max)	kW	3,2 (0,9-4,6)	4,0 (1,0-5,3)	5,5 (2-6,5)	7,6 (2,5-8)
Absorbed power – COOLING	nom (min-max)	kW	0,78 (0,25-1,6)	1,06 (0,3-1,5)	1,53 (0,55-2)	2,14 (0,5-2,6)
Absorbed power – HEATING	nom (min-max)	kW	0,86 (0,25-1,6)	1,08 (0,5-1,6)	1,48 (0,7-2,1)	2,04 (0,5-2,6)
Energy class	EER	W/W	3,31	3,31	3,26	3,23
	COP	W/W	3,72	3,72	3,72	3,72
COOLING Pdesign	35 °C	kW	2,6	3,5	5	6,9
HEATING Pdesign	(-10 °C)	kW	2,1	3	4	5
Energy class	SEER		6,2 (A++)	6,2 (A++)	6,2 (A++)	6,1 (A++)
	SCOP		4,0 (A+)	4,2 (A+)	4,0 (A+)	4,0 (A+)
Annual Energy Consumption - COOLING		kWh/a	210	199	363	406
Annual Energy Consumption - HEATING		kWh/a	1398	1020	1932	1831
Indoor Unit						
Power supply		Ph/V/Hz	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60
Treated air volume	(H/M/L/Q)	m3/h	500/450/400/350	560/500/450/400	850/700/550/450	900/700/600/500
High sound power		dB	62	64	65	67
Sound pressure		dB(A)	43/40/37/34	45/42/39/36	47/44/41/38	49/46/43/40
Net dimensions	WxDxH	mm	850x540x185	850x540x185	1170x540x185	1170x540x185
Packaging dimensions	WxDxH	mm	1043x648x270	1043x648x270	1363x648x270	1363x648x270
Net/gross weight		kg	20,8/24,9	20,8/24,9	26/31	27/32
Panel	Model		P1B-1028IB	P1B-1028IB	P1B-1348IB	P1B-1348IB
Panel Net dimensions	WxDxH	mm	1028x600x45	1028x600x45	1348x600x45	1348x600x45
Panel Packaging dimensions	WxDxH	mm	1143x688x170	1143x688x170	1463x688x170	1463x688x170
Panel Net/gross weight			3,9/8,0	3,9/8,0	5,1/9,8	5,1/9,8
Outdoor Unit						
Power supply		Ph/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50/60
Power cable		N x mm2	3 x 1,5	3 x 1,5	3 x 1,5	3 x 4,0
Interconnection cable		N x mm2	4 x 1,0	4 x 1,0	4 x 1,0	4 x 2,5
Sound power	H	dB	59	61	63	68
Sound pressure	H	dB(A)	47	48	50	54
Running current cooling/heating	Max	A	8,0	8,0	10,68	13,1
Starting current cooling/heating	Max	A	2,0	2,0	2,0	2,0
Net dimensions	WxDxH	mm	800x275x553	800x275x553	820x305x643	890x340x705
Packaging dimensions	WxDxH	mm	902x375x607	902x375x607	940x390x697	1046x460x780
Net/gross weight		kg	27,6/30,4	30/32,9	35,7/38,5	44/48
Compressor type			Rotary	Rotary	Rotary	Twin rotary
Installation data						
Refrigerant			R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	15,88 (5/8)
Standard pipe length without refrigerant charge		m	7	7	7	10
Maximum pipe length		m	20	20	25	50
Maximum IU - OU elevation		m	10	10	15	30
Refrigerant charge in the factory		kg	0,63	0,78	1,1	1,23
Refrigerant charge in the factory		TCO2eq	1,1	0,53	0,74	0,83
Additional ref, charge over std length		g/m	20	20	20	45
Outdoor operating limits -COOLING	min-max	°C	-20~43			
Outdoor operating limits - HEATING	min-max	°C	-20~24			

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