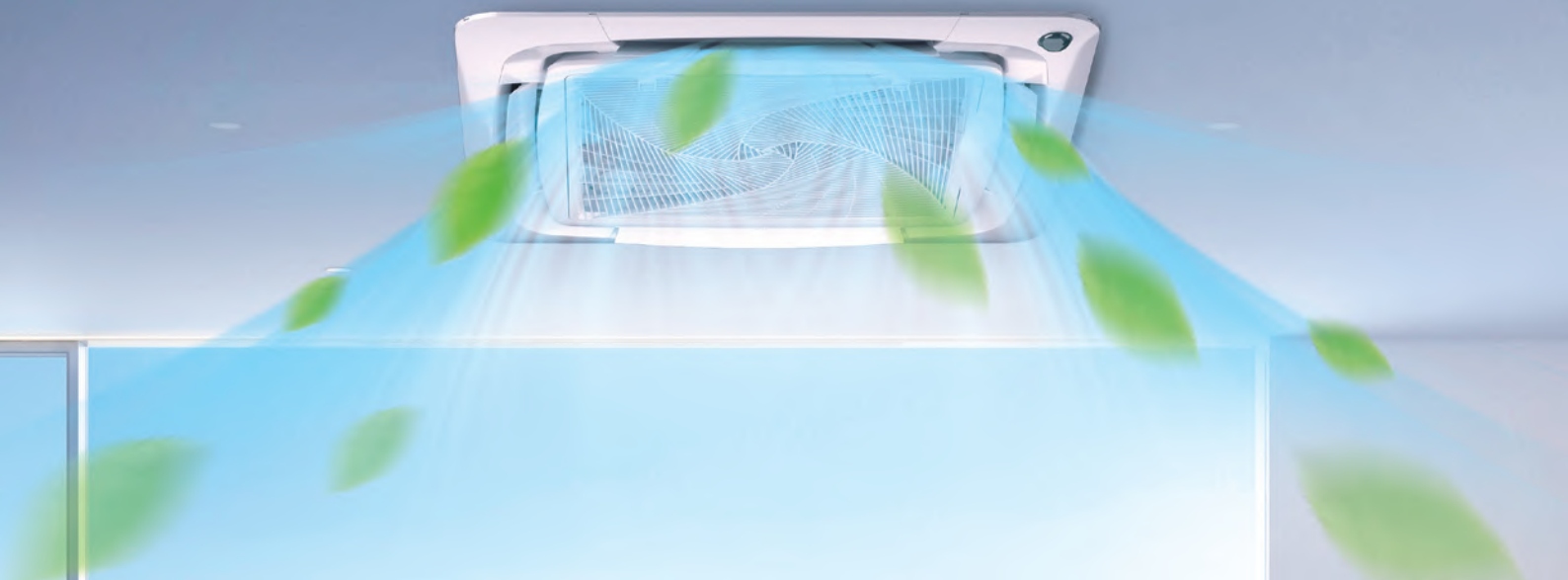


ROUND FLOW CASSETTE



360-DEGREE FLOW

Thanks to an 8 way flow of air, it is possible to ensure a 360-degree airflow without any blind spots.

NEW DESIGN +23% AIRFLOW

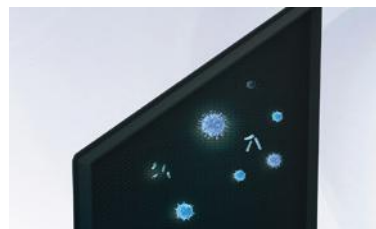
The increased surface area of the new grill ensures a greater distribution of air (+23%) compared to traditional models.



HEALTHY FILTER

Haier's antibacterial filter has added silver ions and antibacterial organics to kill Escherichia coli & Staphylococcus aureus effectively, with long lasting effects.

Panel with antibacterial filter is PB-950QB(H) - (Optional).



CONDENSATE DRAIN

The Cassette units include the condensation drain pump as standard, which guarantees a maximum prevalence of 1000 mm measured from the base of the machine.

There is the possibility of performing condensate drain by gravity (reversible on both sides).



NEW

ROUND FLOW CASSETTE

- 7,1 kW
- 10,5 kW
- 12,5 kW
- 14,0 kW
- 16,0 kW



Please see pages 31 & 32 For Controller Options



Integrated Wi-Fi Control



The new Haier Round Flow Cassette is the ideal choice for offices, shops, hotels, and restaurants. It features Fresh Air technology for constant ventilation and an 8-way airflow system (with 4 independent directions) for greater distribution of air (+23%) compared to traditional models. This ensures a 360-degree airflow without any blind spots. Operating quietly with low sound levels, it also offers optional Intelligent Sensor technology and convenient Wi-Fi control via the hOn app for effortless remote management.

KEY FEATURES



Silence



8 Way Independent



Fresh Air



UVC Sterilisation

Technical specifications on next page

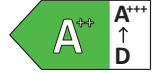
ROUND FLOW CASSETTE

MODEL	Indoor NEW		AB71S2SR1FA(H)	AB105S2SR1FA(H)	AB105S2SR1FA(H)	AB125S2SR1FA(H)	
	Outdoor		1U71S2ST1FA	1U105S2SS2FA	1U105S2SS1FB	1U125S2SN2FA	
Performance data							
Output power - COOLING	nom (min-max)	kW	7,1(2,0-7,3)	9,2(2,5-10,0)	9,2(2,5-10,0)	12,3(3,0-13,0)	
Output power - HEATING	nom (min-max)	kW	7,9(2,5-8,0)	10,1(3,0-10,5)	10,5(3,0-11,0)	12,7(3,5-13,5)	
Absorbed power - COOLING	nom (min-max)	kW	2,00(0,50-2,60)	3,12(0,50-4,00)	3,25(0,50-4,00)	4,84(1,00-6,00)	
Absorbed power - HEATING	nom (min-max)	kW	2,11(0,50-2,60)	2,91(0,50-4,00)	3,10(0,50-4,00)	4,44(1,00-6,00)	
Energy class	EER	W/W	3,55	3,00	3,00	2,54	
	COP	W/W	3,75	3,50	3,50	2,86	
COOLING Pdesign	35 °C	kW	7,1	9,2	9,20	12,30	
HEATING Pdesign	(-10 °C)	kW	5,0	7,0	6,00	8,30	
Energy class	SEER		6,85 (A++)	5,90 (A+)	5,90 (A+)	5,68 (A+)	
	SCOP		4,23 (A+)	3,80 (A)	3,91 (A)	3,93 (A)	
Annual Energy Consumption - COOLING		kWh/a	406	555	555	740	
Annual Energy Consumption - HEATING		kWh/a	1831	2780	2136	3032	
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	1260/1100/900/700	1920/1750/1550/1250	1920/1750/1550/1250	1950/1650/1480/1250	
High sound power		dB	57	62	63	64	
Sound pressure		dB(A)	42/40/38/35	45/42/38/34	45/42/38/34	47/44/38/34	
Net dimensions	WxDxH	mm	840x840x204	840x840x246	840x840x246	840x840x288	
Packaging dimensions	WxDxH	mm	978x978x269	978x978x269	978x978x269	978x978x353	
Net/gross weight		kg	23/28	24/31	24/31	27/33	
Panel	Model		PB-950QB(H)	PB-950QB(H)	PB-950QB(H)	PB-950QB(H)	
Panel Net dimensions	WxDxH	mm	950x950x50	950x950x50	950x950x50	950x950x50	
Panel Packaging dimensions	WxDxH	mm	1013x1035x125	1013x1035x125	1013x1035x125	1013x1035x125	
Panel Net/gross weight		kg	5,5/8,5	5,5/8,5	5,5/8,5	5,5/8,5	
Outdoor Unit							
Power supply		Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	3/380-415/50/60	1/220-240/50/60	
Power cable		N x mm2	3 x 4,0	3 x 4,0	5 x 4,0	3 x 6,0	
Interconnection cable		N x mm2	4 x 2,5	4 x 2,5	4 x 2,5	4 x 2,5	
Sound power	H	dB	68	66	68	72	
Sound pressure	H	dB(A)	54	53	54	58	
Running current cooling/heating	Max	A	13,1	16,5	6,8	26,0	
Starting current cooling/heating	Max	A	2,0	3,0	1,0	4,0	
Net dimensions	WxDxH	mm	890x340x705	920x372x765	920x372x765	950x370x965	
Packaging dimensions	WxDxH	mm	1046x460x780	1036x478x820	1085x485x830	1050x485x1130	
Net/gross weight		kg	44,0/48,0	60,0/65,0	61,0/66,0	84,0/89,0	
Compressor type			Twin rotary inverter	Twin rotary inverter	Twin rotary inverter	Twin rotary inverter	
Installation data							
Refrigerant			R32	R32	R32	R32	
Liquid pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	
Gas pipe	Ø	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	
Standard pipe length without refrigerant charge		m	10	30	30	30	
Maximum pipe length		m	50	50	50	50	
Maximum IU - OU elevation		m	30	30	30	30	
Refrigerant charge in the factory		kg	1,23	1,70	1,70	2,30	
Refrigerant charge in the factory		TCO2eq	0,83	1,15	1,15	1,55	
Additional ref. charge over std length		g/m	45	45	45	45	
Operating limits - COOLING (in/out)	min-max	°C	-20-46	-20-46	-20-46	-20-46	
Operating limits - HEATING (in/out)	min-max	°C	-20-24	-20-24	-20-24	-20-24	

	AB125S2SR1FA(H)	AB140S2SR1FA(H)	AB140S2SR1FA(H)	AB140S2SR1FA(H)	AB140S2SR1FA(H)	AB160S2SR1FA(H)
	1U125S2SN2FB	1U140S2SN1FA	1U140S2SN1FB	1U140S2SP2FA	1U140S2SP2FB	1U160S2SP1FB
	12,4(3,0-13,0)	13,4(3,5-14,0)	13,4(3,5-14,0)	13,6(4,0-15,0)	13,6(4,0-15,0)	15,0(4,5-16,0)
	12,8(3,5-13,5)	15,0(4,0-15,5)	15,0(4,0-15,5)	15,0(4,5-16,0)	15,0(4,5-16,0)	16,0(5,0-17,0)
	4,81(1,00-6,00)	5,51(1,00-6,50)	5,28(1,00-6,50)	4,86(1,00-6,00)	4,98(1,00-6,00)	5,03(1,00-6,50)
	4,41(1,00-6,00)	5,77(1,00-6,50)	5,70(1,00-6,50)	4,75(1,00-6,00)	4,67(1,00-6,00)	5,26(1,00-6,50)
	2,58	2,43	2,54	2,80	2,73	2,98
	2,93	2,60	2,63	3,10	3,06	3,04
	12,40	13,40	13,40	13,60	13,60	15,00
	8,30	8,50	8,50	10,00	10,00	11,00
	5,71 (A+)	5,60 (A+)	5,62 (A+)	5,70 (A+)	5,70 (A+)	5,96 (A+)
	3,96 (A)	3,93 (A)	3,96 (A)	3,94 (A)	3,99 (A)	3,99 (A)
	736	838	834	800	782	880
	3003	3032	3003	3768	3748	3859
	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	1950/1650/1480/1250	1950/1650/1480/1250	1950/1650/1480/1250	1950/1650/1480/1250	1950/1650/1480/1250	2050/1950/1650/1300
	64	64	64	64	64	65
	47/44/38/34	47/44/38/34	47/44/38/34	47/44/38/34	47/44/38/34	48/44/38/34
	840x840x288	840x840x288	840x840x288	840x840x288	840x840x288	840x840x288
	978x978x353	978x978x353	978x978x353	978x978x353	978x978x353	978x978x353
	27/33	27/33	27/33	27/33	27/33	27/33
	PB-950QB(H)	PB-950QB(H)	PB-950QB(H)	PB-950QB(H)	PB-950QB(H)	PB-950QB(H)
	950x950x50	950x950x50	950x950x50	950x950x50	950x950x50	950x950x50
	1013x1035x125	1013x1035x125	1013x1035x125	1013x1035x125	1013x1035x125	1013x1035x125
	5,5/8,5	5,5/8,5	5,5/8,5	5,5/8,5	5,5/8,5	5,5/8,5
	3/380-415/50/60	1/220-240/50/60	3/380-415/50/60	1/220-240/50/60	3/380-415/50/60	3/380-415/50/60
	5 x 4,0	3 x 6,0	5 x 4,0	3 x 6,0	5 x 4,0	5 x 4,0
	4 x 2,5	4 x 2,5	4 x 2,5	4 x 2,5	4 x 2,5	4 x 2,5
	72	72	72	70	70	72
	58	58	58	53	53	58
	10,0	30,0	10,0	32,0	10,0	10,0
	2,0	5,0	2,0	6,0	2,0	2,0
	950x370x965	950x370x965	950x370x965	950x370x1350	950x370x1350	950x370x1350
	1050x485x1130	1050x485x1130	1050x485x1130	1050x485x1500	1050x485x1500	1050x485x1500
	85,0/90,0	84,0/89,0	85,0/90,0	105,0/118,0	101,0/116,0	101,0/116,0
	Twin rotary inverter	Twin rotary inverter	Twin rotary inverter	Twin rotary inverter	Twin rotary inverter	Twin rotary inverter
	R32	R32	R32	R32	R32	R32
	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	19,05 (3/4)
	30	30	30	30	30	30
	50	70	70	70	70	70
	30	30	30	30	30	30
	2,30	2,30	2,30	2,90	3,50	3,50
	1,55	1,55	1,55	1,96	2,36	2,36
	45	45	45	45	45	60
	-20-46	-20-46	-20-46	-20-46	-20-46	-20-46
	-20-24	-20-24	-20-24	-20-24	-20-24	-20-24

The data in this catalogue is purely indicative as the data may vary.
Please be advised to check the accuracy of the data with the supplier before purchasing products.

ROUND FLOW CASSETTE

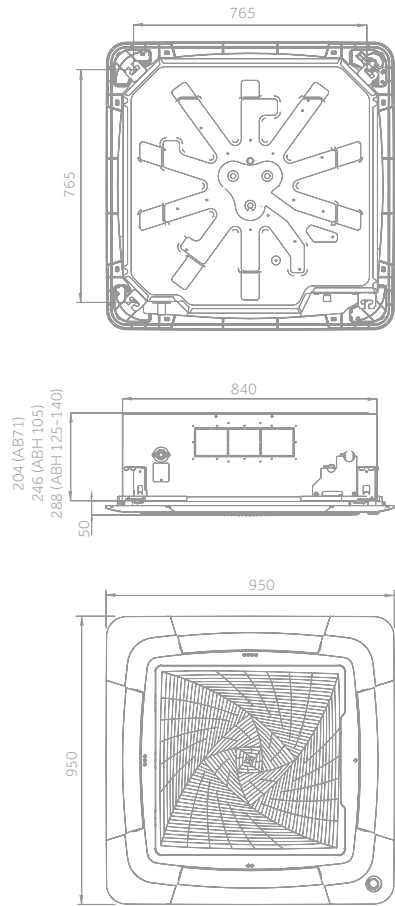


MODEL	Indoor NEW		AB71S2SR1FA(H)	AB105S2SR1FA(H)	AB125S2SR1FA(H)	
	Outdoor NEW		1U71S2SR3FA	1U105S2SQ1FA	1U125S2SN3FA	
Performance data						
Output power - COOLING	nom (min-max)	kW	7,1(2,0-8,2)	9,5(2,5-10,0)	12,4(3,0-13,0)	
Output power - HEATING	nom (min-max)	kW	7,9(2,5-8,5)	10,5(3,0-12,5)	13,5(4,0-15,5)	
Absorbed power - COOLING	nom (min-max)	kW	2,20(0,50-4,00)	2,79(0,50-4,00)	4,13(1,00-6,00)	
Absorbed power - HEATING	nom (min-max)	kW	2,13(0,50-4,00)	2,83(0,50-4,00)	3,85(1,00-6,00)	
Energy class	EER	W/W	3,23	3,40	3,00	
	COP	W/W	3,72	3,71	3,50	
COOLING Pdesign	35 °C	kW	7,1	9,5	12,50	
HEATING Pdesign	(-10 °C)	kW	5,0	7,2	8,30	
Energy class	SEER		6,10 (A++)	6,20 (A++)	6,10 (A++)	
	SCOP		4,00 (A+)	4,05 (A+)	4,00 (A+)	
Annual Energy Consumption - COOLING		kWh/a	406	544	736	
Annual Energy Consumption - HEATING		kWh/a	1831	2792	3003	
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	1260/1100/900/700	1920/1750/1550/1250	1950/1650/1480/1250	
High sound power		dB	57	62	64	
Sound pressure		dB(A)	42/40/38/35	45/42/38/34	47/44/38/34	
Net dimensions	WxDxH	mm	840x840x204	840x840x246	840x840x288	
Packaging dimensions	WxDxH	mm	978x978x269	978x978x269	978x978x353	
Net/gross weight		kg	23/28	24/31	27/33	
Panel	Model		PB-950QB(H)	PB-950QB(H)	PB-950QB(H)	
Panel Net dimensions	WxDxH	mm	950x950x50	950x950x50	950x950x50	
Panel Packaging dimensions	WxDxH	mm	1013x1035x125	1013x1035x125	1013x1035x125	
Panel Net/gross weight		kg	5,5/8,5	5,5/8,5	5,5/8,5	
Outdoor Unit						
Power supply		Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	
Power cable		N x mm2	3 x 4,0	3 x 4,0	3 x 6,0	
Interconnection cable		N x mm2	4 x 2,5	4 x 2,5	4 x 2,5	
Sound power	H	dB	68	68	72	
Sound pressure	H	dB(A)	54	54	58	
Running current cooling/heating	Max	A	13,1	16,5	26,0	
Starting current cooling/heating	Max	A	2,0	3,0	4,0	
Net dimensions	WxDxH	mm	890x340x700	950x370x815	950x370x965	
Packaging dimensions	WxDxH	mm	985x430x720	1085x465x850	1050x485x1130	
Net/gross weight		kg	37,0/42,0	56,0/60,0	63,0/73,0	
Compressor type			Twin rotary inverter	Twin rotary inverter	Twin rotary inverter	
Installation data						
Refrigerant			R32	R32	R32	
Liquid pipe	∅	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	
Gas pipe	∅	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	
Standard pipe length without refrigerant charge		m	10	30	30	
Maximum pipe length		m	50	50	50	
Maximum IU - OU elevation		m	30	30	30	
Refrigerant charge in the factory		kg	1,30	1,70	2,30	
Refrigerant charge in the factory		TCO2eq	0,83	1,15	1,55	
Additional ref. charge over std length		g/m	45	45	45	
Operating limits - COOLING (in/out)	min-max	°C	-20-46	-20-46	-20-46	
Operating limits - HEATING (in/out)	min-max	°C	-20-24	-20-24	-20-24	

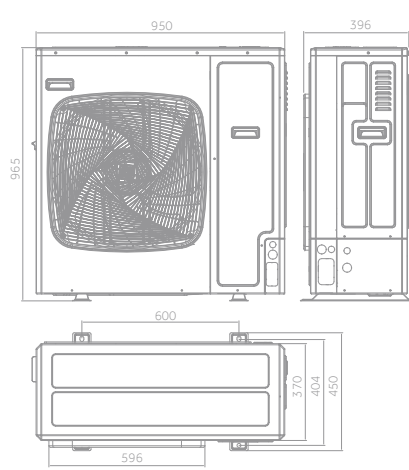
	AB125S2SR1FA(H)	AB140S2SR1FA(H)	AB140S2SR1FA(H)
	1U125S2SN3FB	1U140S2SN2FA	1U140S2SN2FB
	12,4(3,0-13,0)	13,4(3,5-14,0)	13,4(3,5-14,0)
	13,5(4,0-15,5)	15,0(4,0-15,5)	15,0(4,0-15,5)
	4,13(1,00-6,00)	5,51(1,00-6,50)	5,51(1,00-6,50)
	3,85(1,00-6,00)	5,77(1,00-6,50)	5,77(1,00-6,50)
	3,00	2,43	2,54
	3,50	2,60	2,63
	12,50	13,40	13,40
	8,30	8,50	8,50
	6,10 (A++)	5,60 (A+)	5,62 (A+)
	4,00 (A+)	4,00 (A+)	4,00 (A+)
	736	838	838
	3003	3032	3032
	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	1950/1650/1480/1250	1950/1650/1480/1250	1950/1650/1480/1250
	64	64	64
	47/44/38/34	47/44/38/34	47/44/38/34
	840x840x288	840x840x288	840x840x288
	978x978x353	978x978x353	978x978x353
	27/33	27/33	27/33
	PB-950QB(H)	PB-950QB(H)	PB-950QB(H)
	950x950x50	950x950x50	950x950x50
	1013x1035x125	1013x1035x125	1013x1035x125
	5,5/8,5	5,5/8,5	5,5/8,5
	3 /380-415/50/60	1/220-240/50/60	3/380-415/50/60
	5 x 4,0	3 x 6,0	5 x 4,0
	4 x 2,5	4 x 2,5	4 x 2,5
	72	74	74
	58	58	58
	10,0	30,0	10,0
	2,0	5,0	2,0
	950x370x965	950x370x965	950x370x965
	1050x485x1130	1050x485x1130	1050x485x1130
	63,0/73,0	68,0/78,0	68,0/78,0
	Twin rotary inverter	Twin rotary inverter	Twin rotary inverter
	R32	R32	R32
	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)
	30	30	30
	50	70	70
	30	30	30
	2,30	2,50	2,50
	1,55	1,55	1,55
	45	45	45
	-20-46	-20-46	-20-46
	-20-24	-20-24	-20-24

ROUND FLOW CASSETTE

AB140 / AB160



1U140



1U140 / 1U160

