

Commercial R32 CEILING FLOOR

Haier

3,5 kW

5,0 kW

7,1 kW

COMMERCIAL R32



(AC71S2SG1FA only)

OPTIONAL CONTROL



Silence



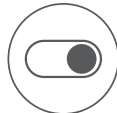
Flow +



5 Speed Fan



Fresh Air



On-Off Card

≥AC71) CEILING		≥AC71) FLOOR	
m (kg)	Sup. (m²)	m (kg)	Sup. (m²)
1,23	0,95	1,23	12,90
1,40	1,25	1,40	16,80
1,60	1,63	1,60	22,00
1,80	2,07	1,80	27,80
2,00	2,55	2,00	34,30
2,20	3,09	2,20	41,50
2,40	3,68	2,40	49,40
2,60	4,31	2,60	58,00
2,80	5,00	2,80	67,30
3,00	5,74	3,00	77,20

- Low noise level
- Flow +: Internal deflectors are divided into two groups with independent motors (independent right-left airflow)
- 5 fan speed: turbo, high, medium, low, super low (only with YR-HQS01 or wired controller)
- '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. More than 20% of the air conditioner's thermal cooling capacity is penalise.

Indoor Unit	Model	AC35S2SG1FA	AC50S2SG1FA	AC71S2SG1FA
Outdoor Unit	Model	1U35S2SM1FA-2	1U50S2S2FA	1U71S2SR2FA
Performance data				
Output power - COOLING	nom (min-max) kW	3,50 (1,00-4,30)	5,00 (1,40-5,70)	7,10 (2,00-7,30)
Output power - HEATING	nom (min-max) kW	4,00 (1,00-5,30)	5,80 (1,40-6,00)	7,50 (2,50-8,00)
Absorbed power - COOLING	nom (min-max) kW	0,91 (0,30-1,50)	1,45 (0,50-2,00)	2,20 (0,50-3,00)
Absorbed power - HEATING	nom (min-max) kW	1,07 (0,50-1,60)	1,56 (0,52-2,35)	2,02 (0,50-3,00)
Energy class	EER	W/W	3,81	3,23
	COP	W/W	3,73	3,71
COOLING Pdesign	35 °C	kW	3,50	7,10
HEATING Pdesign	(-10 °C)	kW	3,00	5,00
Energy class	SEER		8,50 (A+++)	6,10 (A++)
	SCOP		4,47 (A+)	3,80 (A)
Annual Energy Consumption - COOLING	kWh/a	146	240	407
Annual Energy Consumption - HEATING	kWh/a	945	1491	1832
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	750/620/500/400	880/750/650/500
High sound power		dB	53	57
Sound pressure		dB(A)	39/36/33/30	44/41/38/35
Net dimensions	WxDxH	mm	1000x230x680	1325x230x680
Packaging dimensions	WxDxH	mm	1100x305x779	1425x305x779
Net/gross weight		kg	26,0/32,0	26,0/32,0
Outdoor Unit				
Power supply	Ph/V/Hz	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 4,0
Interconnection cable	N x mm²	4 x 1,0	4 x 1,0	4 x 2,5
Sound power	H	dB	61	63
Sound pressure	H	dB(A)	48	51
Running current cooling/heating	Max	A	8,0	9,5
Starting current cooling/heating	Max	A	2,0	2,0
Net dimensions	WxDxH	mm	800x275x553	820x338x614
Packaging dimensions	WxDxH	mm	908x405x625	993x413x685
Net/gross weight		kg	30,0/32,9	37,8/41,5
Compressor type			Rotary inverter	Twin rotary inverter
Installation data				
Refrigerant			R32	R32
Liquid pipe	∅	mm (inch)	6,35 (1/4)	6,35 (1/4)
Gas pipe	∅	mm (inch)	9,52 (3/8)	12,70 (1/2)
Standard pipe length without refrigerant charge		m	7	7
Maximum pipe length		m	15	25
Maximum IU - OU elevation		m	10	15
Refrigerant charge in the factory		kg	0,78	0,95
Refrigerant charge in the factory		TCO2eq	0,53	0,64
Additional ref. charge over std length		g/m	20	20
Outdoor operating limits - COOLING	min-max	°C		-10-46
Outdoor operating limits - HEATING	min-max	°C		-15-24