

Commercial R32 CEILING FLOOR

Haier



10.5 kW

12.5 kW

OPTIONAL CONTROL



Quiet



Flow +



5 Speed



Fresh Air



On-Off Card



Standard YR-HD01

- **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-HBS01 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		AC105S2SH1FA	AC105S2SH1FA	AC125S2SK1FA	AC125S2SK1FA
OUTDOOR UNIT	Model		1U105S2S1FB	1U105S2S1FB	1U125S2SN2FA	1U125S2SN2FB
Performance data						
Output power – COOLING	nom (min-max)	kW	9.5 (2.5 - 10.0)	9.5 (2.5 - 10.0)	12.3 (3.0 - 13.0)	12.4 (3.0 - 13.0)
Output power - HEATING	nom (min-max)	kW	10.2 (3.0 - 10.5)	10.2 (3.0 - 10.5)	1/2 (3.5 - 13.5)	12.8 (3.5 - 13.5)
Absorbed power - COOLING	nom (min-max)	kW	3.13 (0.5 - 4.0)	3.22 (0.5-4.0)	4.54 (1.0 - 6.0)	4.53 (1.0 - 6.0)
Absorbed power - HEATING	nom (min-max)	kW	3.07 (0.5 - 4.0)	3.16 (0.5 - 4.0)	3.96 (1.0 - 6.0)	3.93 (1.0 - 6.0)
Energy class	EER		3.04	2.96	2.71	2.74
	COP		3.32	3.32	3.21	3.26
COOLING Pdesign	capacity (35°)	kW	9.5	9.5	12.3	12.4
HEATING Pdesign	capacity (-10°)	kW	7	7.0	8.0	8.0
Energy class	SEER		6.11 (A++)	6.11 (A++)	5.86	5.86
	SCOP		3.8 (A)	3.8 (A)	3.98	3.98
Annual Energy Consumption - COOLING		kWh/y	549	549	738	742
Annual Energy Consumption - HEATING		kWh/y	2750	2750	2995	2976
Indoor Unit						
Power supply		Ph-V-Hz	1/220-240/50/60	1/220-240/50/60	3/220-240/50/60	1/220-240/50/60
Treated air volume	H / M / L	m³/h	1600/1400/1280/ 1160	1600/1400/1280/1160	2050/1900/1600/1400	2050/1900/1600/1400
Sound power		dB	61	63	64	64
Sound pressure		dB(A)	47/43/41/37	47/43/41/37	46/43/41/38	46/43/41/38
Dimensions	WxDxH	mm	1325x230x680	1325x230x680	1650x230x680	1650x230x680
Net weight		Kg	33.5	33.5	43	43
Outdoor Unit						
Power supply		Ph-V-Hz	1/220-240/50/60	3/380-415/50/60	1/220-240/50/60	3/380-415/50/60
Sound power		dB	66	66	72	72
Sound pressure		dB(A)	53	53	58	58
Running Current	Cooling	Max A	16.5	6.8	26	9.1
	Heating	Max A	16.2	6.8	26	9.1
Starting Current	Cooling/ Heating	A	1.0	1.0 / 1.0	3.0 / 3.0	3.0 / 3.0
Cable		N x mm2	3 x 4.0	5 x 2.5	3 x 6.0	5 x 2.5
Interconnecting cable		N x mm2	4 x 1.0	4 x 1.0	4 x 1.0	4 x 1.0
Dimensions	WxDxH	mm	920x372x760	920x372x760	950x370x965	950x370x965
Net weight		Kg	65	61	89	90
Compressor type			Inverter twin rotary			
Compressor brand			Mitsubishi			
Installation data						
Refrigerant			R32	R32	R32	R32
Liquid pipe	Ø	Inch	3/8	3/8	3/8	3/8
Gas pipe	Ø	Inch	5/8	5/8	5/8	5/8
Standard pipe length without refrigerant charge		m	30	30	30	30
Maximum pipe length		m	50	50	70	70
Maximum IU - OU elevation		m	30	30	30	30
Refrigerant charge in the factory		Kg	1.7	1.5	2.3	2.3
Equivalent tons of CO ₂		kg/tCO ₂ EQ	1.0	1.01	1.55	1.55
Additional charge ref. beyond std. length		g/m	45	45	45	45
Operating limits - COOLING	min-max	°C	(-10°C) - (46°C)			
Operating limits - HEATING	min-max	°C	(-15°C) - (24°C)			
List Price	Indoor Unit		£1215.00	£1215.00	£1285.00	£1285.00
	Outdoor Unit		£2080.00	£2080.00	£2655.00	£2655.00
	System Price		£3295.00	£3295.00	£3940.00	£3940.00

Controller not included in system price.

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.