

Residential MonoSplit Inverter NEW DUCTED MEDIUM PRESSURE

Haier

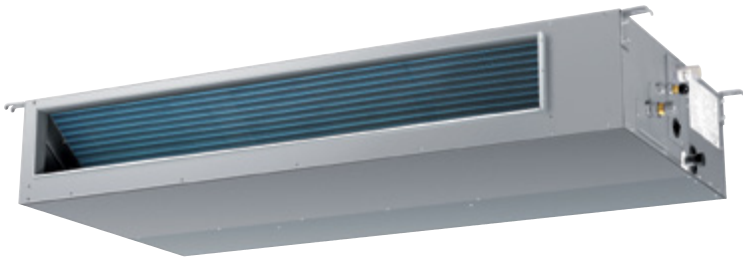
3,5 kW

5,0 kW

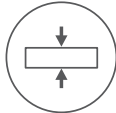
7,1 kW

OPTIONAL CONTROL

MONOSPLIT RESIDENTIAL



Silence



Compact Design



3D



Condensate
Drain Pump



Flexible
Installation

NEW



UVC Sterilisation

NEW



Wi-Fi control
integrated

- Low noise level
- Compact design
- '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. Condensate drain pump
- UVC Sterilisation
- Wi-Fi control integrated



Indoor Unit	Model	AD35S2SM3FA(H)	AD50S2SM3FA(H)	AD71S2SM3FA(H)
Outdoor Unit	Model	1U35S2SM1FA-2	1U50S2S2FA	1U71S2SR2FA
Performance data				
Output power - COOLING	nom (min-max) kW	3,50 (0,90-4,50)	5,00 (1,80-6,00)	7,10 (2,00-8,20)
Output power - HEATING	nom (min-max) kW	4,00 (1,00-4,80)	6,00 (2,00-6,20)	7,50 (2,50-8,50)
Absorbed power - COOLING	nom (min-max) kW	1,08 (0,28-1,80)	1,55 (0,55-2,00)	2,20 (0,50-3,00)
Absorbed power - HEATING	nom (min-max) kW	1,08 (0,28-1,80)	1,48 (0,60-2,00)	2,02 (0,60-3,00)
Energy class	EER	W/W	3,23	3,23
	COP	W/W	3,71	3,71
COOLING Pdesign	35 °C	kW	3,50	5,00
HEATING Pdesign	(-10 °C)	kW	2,70	4,50
Energy class	SEER		6,10 (A++)	6,10 (A++)
	SCOP		3,80 (A)	3,80 (A)
Annual Energy Consumption - COOLING	kWh/a	215	291	406
Annual Energy Consumption - HEATING	kWh/a	1020	1782	1827
Indoor Unit				
Power supply		Ph/V/Hz	1/220-240/50/60	1/220-240/50/60
Treated air volume	(H/M/L/Q)	m ³ /h	840/720/600/450	1020/900/780/550
External static pressure		Pa	25(default)/37/50/70/90/100/110/120/130/150	
High sound power		dB	55	56
Sound pressure		dB(A)	41/35/28/26	43/37/30/28
Net dimensions	WxDxH	mm	700x700x248	1100x700x248
Packaging dimensions	WxDxH	mm	914x866x318	1316x866x318
Net/gross weight		kg	26,0/30,0	31,0/35,0
Outdoor Unit				
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50
Power cable		N x mm ²	3 x 1,5	3 x 1,5
Interconnection cable		N x mm ²	4 x 1,0	4 x 1,0
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		TCO _{2eq}	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