

Haier

More Creation, More Possibilities

Haier

HVAC Solutions



FLEXIS PLUS

The air conditioner with integrated UVC lamp

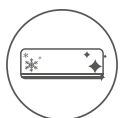
Haierhvac.eu

FLEXIS PLUS

Residential Mono-Split Inverter



Features



Self-Clean



ECO Sensor



Easy Installation



Silence



Wi-Fi control
integrated



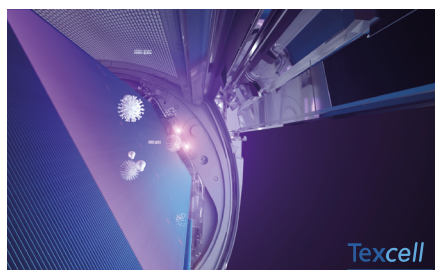
56° Steri-Clean



I Feel



UVC Sterilisation



UVC Sterilisation

The Haier UVC generator has received a Novel Coronavirus Inactivation certificate from the leader Texcell S.A, an independent viral testing laboratory in France.

The global research body has concluded that the Haier UVC Generator inactivates 99.998% of Novel Coronavirus (SARS-CoV-2) within their sealed testing facilities.



56°C Steri-Clean

Destroys bacteria and viruses by heating the evaporator to a elevated temperature of 56°C for 30 minutes.

According to the latest research, it appears that almost no bacteria or virus can survive at 56°C for more than 30 minutes. After the heating process is completed, the evaporator is instantly cooled to achieve better Sterilisation performance.



ECO Sensor

Detects the condition of air and people's movement in real time, adjusting the operating mode of the air conditioner to improve energy efficiency and optimise the users experience.

It uses a double area detection with a maximum angle of 120 degrees and a distance of 8m.

2,5 kW

4,2 kW

7,1 kW

3,5 kW

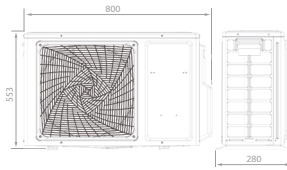
5,0 kW

Haier

Technical Illustrations



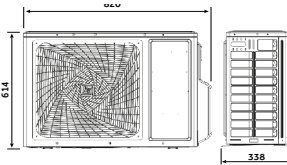
AS25 - AS35 - AS42



1U25 - 1U35 - 1U42



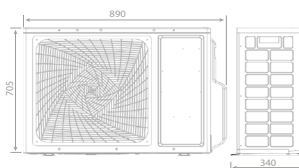
AS50



1U50



AS71



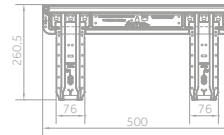
1U71

Controller

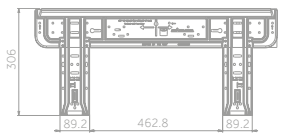


Standard HQ-HJ

Mounting Dim.



AS25-AS35-AS42-AS50



AS71

Outdoor Units



2,5 kW - 4,2 kW



5,0 kW



7,1 kW

INDOOR UNIT BLACK			Model	AS25S2SF1FA-MB3	AS35S2SF1FA-MB3	AS42S2SF1FA-MB3	AS50S2SF1FA-MB3	AS71S2SF1FA-MB3
INDOOR UNIT WHITE			Model	AS25S2SF1FA-MW3	AS35S2SF1FA-MW3	AS42S2SF1FA-MW3	AS50S2SF1FA-MW3	AS71S2SF1FA-MW3
OUTDOOR UNIT STANDARD				1U25S2SM1FA-2	1U35S2SM1FA-2	1U42S2SM1FA	1U50S2SJ2FA-2	1U71S2SR2FA
OUTDOOR UNIT NORDIC			Model	1U25MEHFRA-1	1U35MEHFRA-1	-	1U50KEFFRA-1	-
Performance data								
Output power - COOLING	nom (min-max)	KW		2,60 (0,80-3,20)	3,50 (1,00-4,00)	4,20 (1,20-4,80)	5,20 (1,40-6,00)	7,00 (2,20-7,50)
Output power - HEATING	nom (min-max)	KW		3,20 (0,80-4,20)	4,20 (1,00-5,20)	4,40 (1,30-5,80)	6,00 (1,40-6,90)	8,00 (2,40-8,50)
Absorbed power - COOLING	nom (min-max)	KW		0,650 (0,20-1,20)	0,870 (0,30-1,50)	1,23 (0,40-5,80)	1,413 (0,50-2,00)	2,167 (0,70-2,50)
Absorbed power - HEATING	nom (min-max)	KW		0,800 (0,30-1,50)	1,102 (0,50-1,60)	1,176 (0,52-2,20)	1,500 (0,52-2,35)	2,156 (0,70-2,90)
Energy Class	EER	W/W		4,00	4,00	3,41	3,60	3,23
	COP	W/W		4,00	3,81	3,74	4,00	3,71
COOLING Pdesign	35 °C	KW		2,60	3,50	4,20	5,20	7,00
HEATING Pdesign	(-10 °C)	KW		2,40	2,80	3,60	4,60	5,60
Energy Class	SEER			8,50 (A+++)	8,50 (A+++)	7 (A++)	7,20 (A++)	7,10 (A++)
	SCOP			4,60 (A++)	4,60 (A++)	4,00 (A+)	4,60 (A++)	4,00 (A+)
Annual Energy Consumption - COOLING		kWh/a		107	144	210	253	345
Annual Energy Consumption - HEATING		kWh/a		731	854	1260	1400	1959
Indoor Unit								
Power supply		Ph/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Treated air volume		m3/h		600	650	750	900	1100
Dehumidification		L/h		1,2	1,6	1,8	2,0	2,8
High sound power - COOLING		dB		53	55	58	57	60
High sound power - HEATING		dB		53	55	58	57	60
Sound pressure - COOLING		dB(A)		38/32/25/16	39/33/26/17	42/36/30/23	45/41/37/28	47/43/37/33
Sound pressure - HEATING		dB(A)		38/32/25/19	39/33/26/20	42/36/30/23	45/41/37/28	47/43/37/33
Net dimensions	WxDxH	mm		856 x 197 x 300	856 x 197 x 300	856 x 197 x 300	999 x 225 x 323	1115 x 235 x 343
Packaging dimensions	WxDxH	mm		952 x 283 x 389	952 x 283 x 389	952 x 283 x 389	1100 x 314 x 420	1202 x 319 x 432
Net/gross weight		kg		9,5/12,0	9,5/12,0	9,5/12,0	12,0/15,0	15,2/18,2
Outdoor Unit								
Power supply		Ph/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Power cable		N x mm2		3 x 1,5	3 x 1,5	3 x 1,5	3 x 2,5	3 x 2,5
Interconnection cable		N x mm2		4 x 1,0	4 x 1,0	4 x 1,0	4 x 1,0	4 x 1,0
Sound power		dB		59	61	63	63	70
Sound pressure		dB(A)		47	48	50	50	57
Running current cooling/heating	Max	A		6,8/6,8	7,2/7,2	8,0	10,68/10,68	13,0/13,0
Starting current cooling/heating	Max	A		1,5/1,5	1,5/1,5	2,0	2,0/2,0	2,0/2,0
Net dimensions	WxDxH	mm		800 x 280 x 553	800 x 280 x 553	800 x 280 x 553	820 x 305 x 643	890 x 340 x 705
Packaging dimensions	WxDxH	mm		902 x 375 x 614	902 x 375 x 614	902 x 375 x 614	940 x 390 x 697	1046 x 460 x 780
Net/gross weight		kg		27,6/30,4	30,0/32,9	31,5/34,0	37,8/40,5	45,0/50,0
Compressor type				Rotary Inverter	Rotary Inverter	Rotary Inverter	Twin Rotary Inverter	Twin Rotary Inverter
Installation data								
Refrigerant				R32	R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)		6,35 (1/4)	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)	9,52 (3/8)	12,70 (1/2)	15,88 (5/8)
Standard pipe length without refrigerant charge		m		7	7	7	7	7
Maximum pipe length		m		20	20	20	25	50
Maximum IU - OU elevation		m		10	10	10	15	30
Refrigerant charge in the factory		kg		0,63	0,78	0,94	1,10	1,30
Refrigerant charge in the factory		TCO2eq		0,43	0,53	0,63	0,74	0,88
Additional ref. charge over std length		g/m		20	20	20	20	45
Operating limits - COOLING (in/out)	min-max	°C		21-35°C/-20-43°C				
Operating limits - HEATING (in/out)	min-max	°C		10-27°C/-20-24°C				

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HVAC Solutions

FLEXIS PLUS

Residential Mono-Split Inverter



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