

Haier
HVAC Solutions



CABINET

Space-saving solution for wide applications

Haierhvac.eu

CABINET

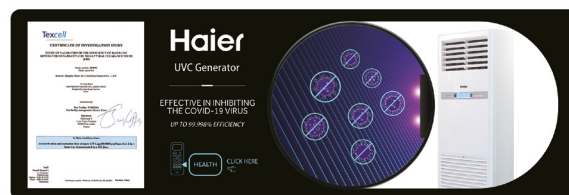
Commercial Mono-Split Inverter

10,5 kW

13,4 kW

15,0 kW

A+ / A



Features



3D airflow



Auto Restart



UVC Sterilisation



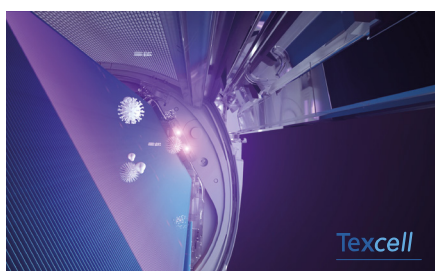
Wi-Fi control integrated



Auto Mode



Silence



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.



Silence

The use of DC Inverter fans and an optimised design reduce the noise level of the indoor units. Thanks to the Silence function, noise levels can be kept low for maximum user comfort.



hOn Wi-Fi

Haier's new "hOn" Wi-Fi app allows you to control all the Haier Group appliances in your connected (smart) home from a single app on your smartphone or tablet.

The hOn app allows you to manage all basic functions and more. The app can also respond to voice commands as it is compatible with Google Assistant and Alexa.

Applications

Small warehouses

In small warehouses, where every square foot matters, traditional HVAC systems might prove cumbersome and inefficient. This is where a cabinet system emerges as the optimal solution, offering many benefits tailored to the specific needs of a small warehouse environments. The most apparent advantage of cabinets is their compact size. Designed to fit seamlessly into tight spaces, these systems take up minimal floor area, making them ideal for applications where space is at a premium. Their sleek, integrated design allows for installation in narrow aisles, maximizes space without compromising on functionality.



IT Rooms

IT equipment generates substantial heat, which, if not adequately managed, can lead to overheating and subsequent system failures. Cabinets are designed to provide precise temperature and humidity control, ensuring that sensitive equipment operates within optimal conditions. By maintaining a consistent climate, the Cabinet minimizes the risk of overheating, thereby prolonging the lifespan of IT assets and reducing the likelihood of costly downtime.



Business premises

Our cabinets are designed for optimal energy efficiency, helping businesses reduce their carbon footprint and cut operating costs. By minimizing energy wastage, cabinets contribute to significant savings on utility bills over time. It is easy to maintain thanks to the accessibility of panels and components, routine servicing and repairs are made simple. Regular maintenance not only extends the lifespan of the unit but also ensures optimal performance and energy efficiency over time. With simplified maintenance requirements, business can minimize downtime and maximize operational uptime.



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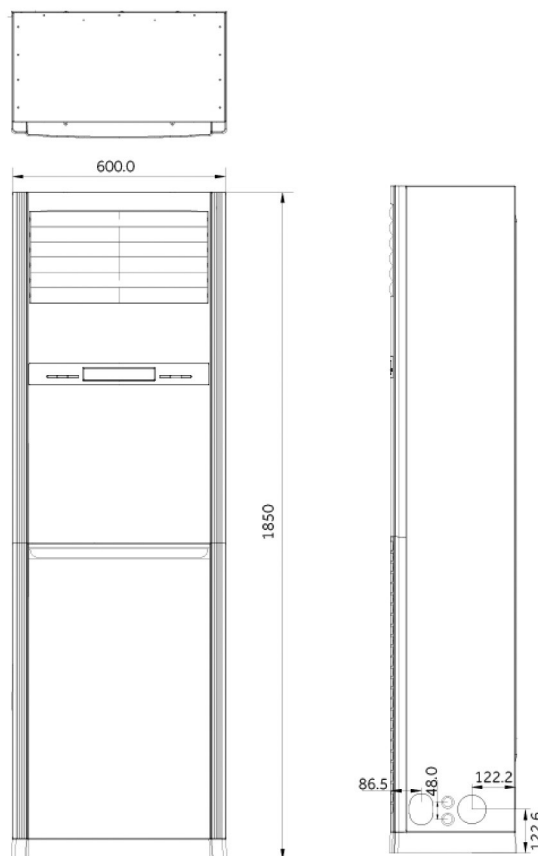
10,5 kW

13,4 kW

15,0 kW

Technical Illustrations

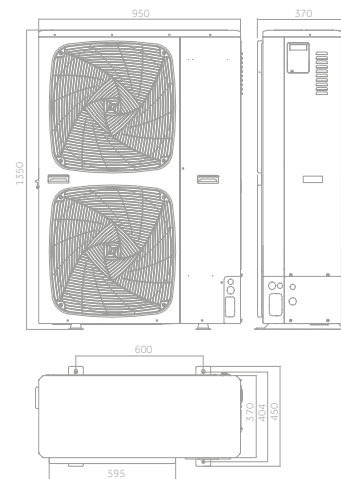
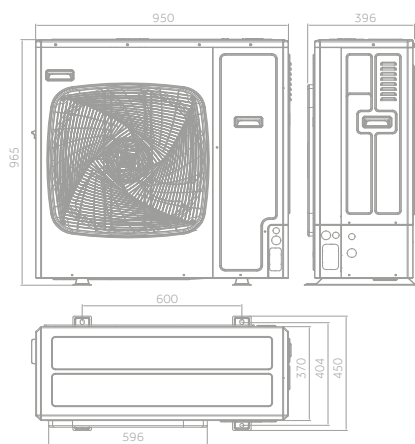
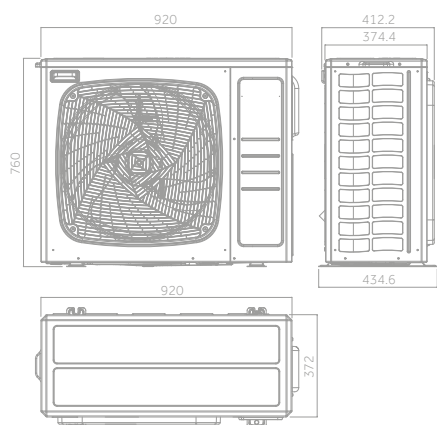
AP105 - AP140 - AP160



1U105

1U140

1U160



Outdoor Units



10,5 kW



14,0 kW



16,0 kW

Controller



YR-HRS01



YR-HQS01

While stocks last

INDOOR UNIT	Model	AP10S2SK1FA(H)	AP140S2SK1FA(H)	AP140S2SK1FA(H)	AP160S2SK1FA(H)	
OUTDOOR UNIT	Model	1U10S2SS2FA	1U140S2SN1FA	1U140S2SN1FB	1U160S2SP1FB	
Performance data						
Output power - COOLING	nom (min-max)	kW	9,20 (2,50-10,00)	13,40 (3,50-14,00)	13,40 (3,50-14,00)	15,0 (4,5-16,0)
Output power - HEATING	nom (min-max)	kW	10,00 (3,00-10,50)	15,00 (4,00-15,50)	15,00 (4,00-15,50)	16,0 (5,0-17,0)
Absorbed power - COOLING	nom (min-max)	kW	3,1 (0,50-4,00)	5,83 (1,00-6,50)	5,40 (1,00-6,50)	6,0 (1,8-6,4)
Absorbed power - HEATING	nom (min-max)	kW	2,9 (0,50-4,00)	5,45 (1,00-6,50)	5,43 (1,00-6,50)	6,4 (1,6-5,48)
Energy class	EER	W/W	3,00	2,30	2,48	2,5
	COP	W/W	3,5	2,75	2,76	3,1
COOLING Pdesign	C° 35	kW	9,20	13,40	13,40	15,0
HEATING Pdesign	(C° -10)	kW	7,50	8,50	8,50	11,0
Energy class	SEER		6,00 (A++)	5,60 (A+)	5,66 (A+)	5,6 (A+)
	SCOP		4,1 (A+)	3,93 (A)	3,95 (A)	4,0 (A+)
Annual Energy Consumption - COOLING		kWh/a	531	837	829	880
Annual Energy Consumption - HEATING		kWh/a	2523	3018	3012	3859
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)	m ³ /h	1580/1450/1350	1850/1500/1350	1850/1500/1350	1850/1500/1350
High sound power		dB	63	65	65	67
Sound pressure		dB(A)	50/45/42	52/49/46	52/49/46	52/49/46
Net dimensions	WxDxH	mm	600/350/1850	600x350x1850	600x350x1850	600/350/1850
Packaging dimensions	WxDxH	mm	693/438/2035	693x438x2035	693x438x2035	693/438/2035
Net/gross weight		kg	50,0/61,0	50,0/61,0	50,0/61,0	50,0/ 61,0
Outdoor Unit						
Power supply		Ph/V/Hz	1/220~240/50/60	1/220-240/ 50/60	3/380-415/ 50/60	3/380-415/50/60
Power cable		N x mm ²	3 x 4,0	3 x 6,0	5 x 4,0	5 x 4,0
Interconnection cable		N x mm ²	4 x 2,5	4 x 2,5	4 x 2,5	4 x 2,5
Sound power	H	dB	66	72	72	72
Sound pressure	H	dB(A)	53	58	58	58
Running current cooling/heating	Max	A	16,5	30,0	10,0	10,0
Starting current cooling/heating	Max	A	3,0	5,0	2,0	2,0
Net dimensions	WxDxH	mm	920x372x820	950x370x965	950x370x965	950/370/1350
Packaging dimensions	WxDxH	mm	1036x478x820	1050x485x1130	1050x485x1130	1050/485/1500
Net/gross weight		kg	60,0/65,0	84,0/89,0	85,0/90,0	101/116
Compressor type			Twin rotary inverter	Twin rotary inverter	Twin rotary inverter	Twin rotary inverter
Installation data						
Refrigerant			R32	R32	R32	R32
Liquid pipe	∅	mm (inch)	9,52 (3/8)	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)	19,05 (3/4)
Standard pipe length without refrigerant charge		m	30	10	10	30
Maximum pipe length		m	50	70	70	70
Maximum IU - OU elevation		m	30	30	30	30
Refrigerant charge in the factory		kg	1,7	2,30	2,30	3,5
Refrigerant charge in the factory		TCO ₂ eq	1,15	1,55	1,55	2,36
Additional ref. charge over std length		g/m	45	45	45	60
Outdoor operating limits - COOLING	min-max	C°			-20~46	
Outdoor operating limits - HEATING	min-max	C°			-20~24	

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