

600 Series QP Extended Range Wall Mounted

AS71PEGHRA-SET, AS85PFGHRA-SET (Available April 2026)



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The Haier 600 Series QP Extended range offers flexible installation with extended pipe lengths, efficient heating and cooling, and advanced airflow control. Designed for residential applications, it combines smart connectivity, service-friendly access, and air treatment technologies to support consistent performance across a wide range of spaces.

Features

Long Pipe Communication

Supports extended pipe lengths of up to 50 metres between indoor and outdoor units, based on the 600 Series QP platform with an upgraded control algorithm

SmartHQ WIFI Connectivity

Built in Wi Fi module and SmartHQ app allows control from anywhere.

Easy install /Easy maintenance

Designed for Installation based on Quartz Plus Platform, features simple positioning specifications and easy access to the control board and motor for faster maintenance.

UV Protect

Built-in LED UV lights operate in Health mode to help reduce airborne bacteria and viruses*

Oil and Refrigerant Return Logic

Upgraded algorithm to meet oil and refrigerant return requirements for long piping systems with significant height differentials.

Built-in suction accumulator

Prevent a liquid slugging and ensures compressor reliability

Control options

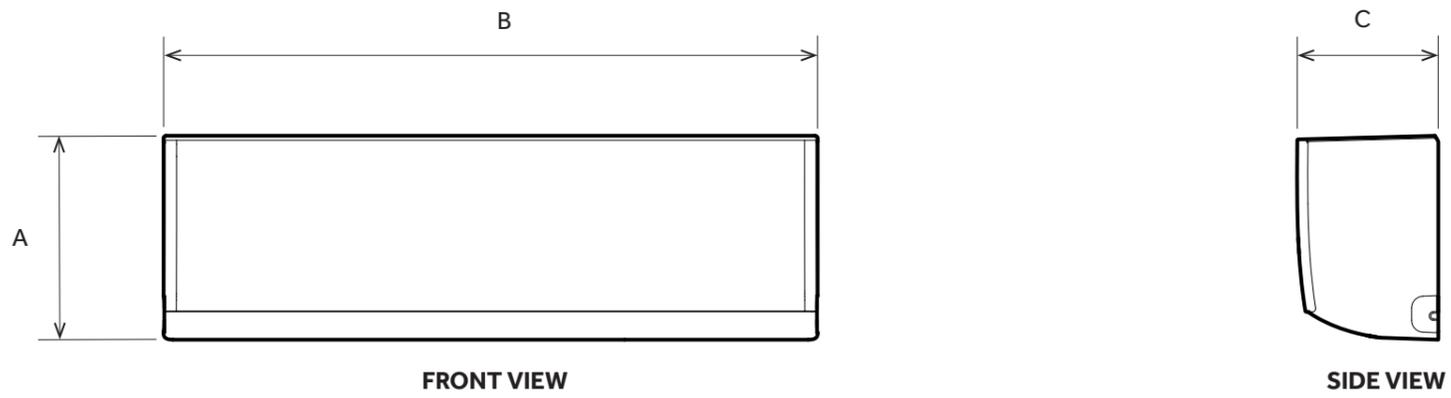
Included Back-lit Remote. Optional Central Controller HC- SA164DBT via YCJ-A002. Optional Wired Controller YR-E17A & YR-E16B via WK-B

*Independent testing has found 91.47% elimination of the H3N2 virus in a 30m2 closed room and 92.78% of Staphylococcus aureus bacteria in a 10m3 closed room, for two hours on Health mode at the highest fan speed.

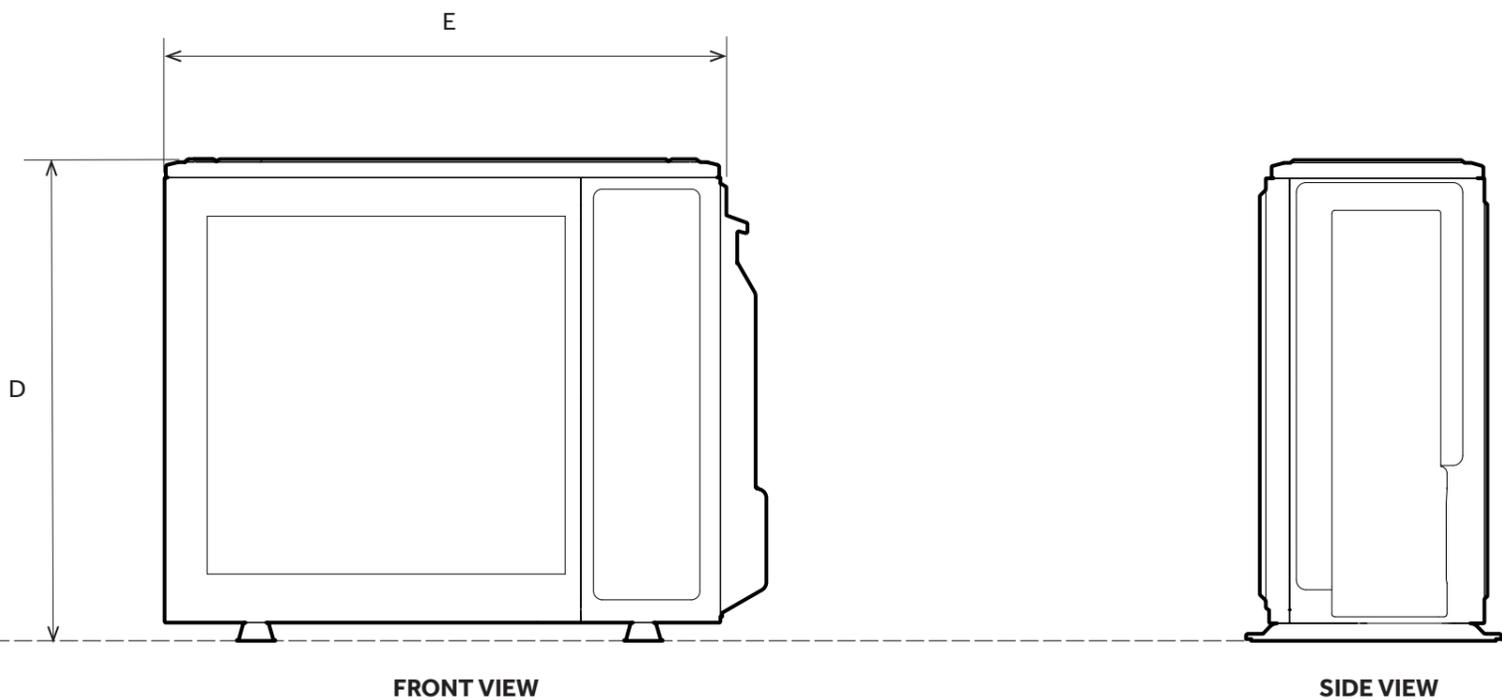
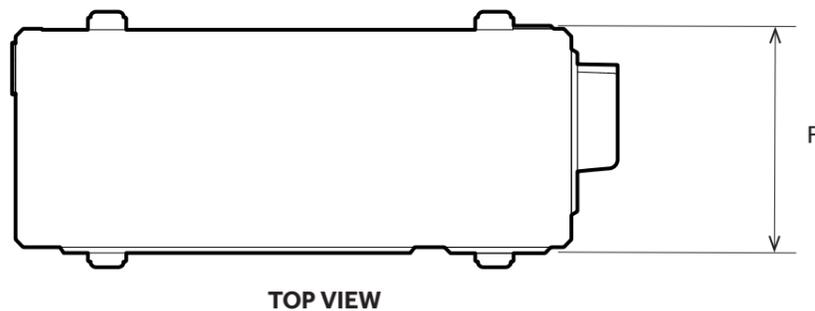
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INDOOR UNIT



OUTDOOR UNIT



DRAWING NOT TO SCALE

	Model	AS71PEGHRA-SET	AS85PFGHRA-SET
A	Indoor unit - Product Height (mm)	345	370
B	Indoor unit - Product Width (mm)	1105	1310
C	Indoor unit - Product Depth (mm)	240	285
D	Outdoor unit - Product Height (mm)	815	815
E	Outdoor unit - Product Width (mm)	950	950
F	Outdoor unit - Product Depth (mm)	370	370

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Model		Set	AS71PEGHRA-SET	AS85PFGHRA-SET
		Indoor	AS71PEGHRA	AS85PFGHRA
		Outdoor	1U71XAGFRA	1U85XAGFRA
Capacity (Minimum~ Maximum)	Cooling	kW	7.1 (1.8~7.6)	8.5(4.0-10.0)
	Heating (H1)	kW	8.0 (2.2~8.6)	9.5(5.0-10.7)
	Heating (H2)	kW	8.1	8.8
Power input (Minimum~ Maximum)	Cooling	kW	1.86(0.48-2.70)	2.36(0.79-3.11)
	Heating	kW	2.14(0.50-3.40)	2.48(0.81-3.25)
Star Rating	Hot Climate	Cooling	3.5	3.5
		Heating	3.0	3.5
	Average Climate	Cooling	3.0	3.0
		Heating	2.5	2.5
	Cold Climate	Cooling	3.5	3.5
		Heating	2.0	2.0
Star Rating (Hot/Average/Cold)			Cooling 3.5/3.0/3.5	3.5/3.0/3.5
			Heating 3.0/2.5/2.0	3.5/2.5/2.0
TCSPF (Hot/Average/Cold)	Residential		5.204/4.906/5.112	5.179/4.881/5.138
	Commercial		5.562/5.695/6.094	5.564/5.743/6.185
HSPF (Hot/Average/Cold)	Residential		4.910/4.303/3.773	5.207/4.497/3.883
	Commercial		4.924/4.559/4.092	5.227/4.801/4.255
Total Cooling Seasonal Performance Factor Residential	Hot Climate		5.204	5.179
	Average Climate		4.906	4.881
	Cold Climate		5.112	5.138
Total Cooling Seasonal Performance Factor Commercial kW (Hot / Average / Cold)	Hot Climate		5.562	5.564
	Average Climate		5.695	5.743
	Cold Climate		6.094	6.185
Heating Seasonal Performance Factor Residential kW (Hot / Average / Cold)	Hot Climate		4.910	5.207
	Average Climate		4.303	4.497
	Cold Climate		3.773	3.883
Heating Seasonal Performance Factor Commercial kW (Hot / Average / Cold)	Hot Climate		4.924	5.227
	Average Climate		4.559	4.801
	Cold Climate		4.092	4.255
Electrical				
Rated Load Amps (RLA)	Cooling	Amp	8.1	10.5
	Heating	Amp	9.5	10.9
Maximum Amps		Amp	16.0	16.0
Minimum Circuit Breaker Amps (1)		Amp	25	25
Power cable connection location				Outdoor
Power supply		Ph/V/Hz		1/220-240/50
Refrigeration				
Refrigerant Type				R32
Refrigerant Factory Charge		kg	1.65	1.70
Pipe Size	Liquid Line	mm (Inch)	6.35(¼)	6.35(¼)
	Suction Line	mm (Inch)	15.88(⅝)	15.88(⅝)
Minimum Pipe Length (m)			3	3
Maximum Pipe Length (m)			50	50
Pipe Length (Min~Max)			3~50	3~50
Maximum Height Difference		m	30	30
Precharged up to a Length		m	10	10
Additional Refrigerant		grams/meter	30	30
Indoor Unit				
Platform			70Q	G90A
External dimension	W x D x H	mm	1105 x 240 x 345	1310 x 285 x 370
Package dimension	W x D x H	mm	1185 x 428 x 331	1417 x 488 x 415
Net weight		kg	15.5	22.0
Gross weight		kg	18.5	26.5
Air Flow H/M/L	Cooling	L/S	310/270/225	410/354/298
	Heating	L/S	295/250/200	380/325/265
Sound Pressure Level (High/Medium/Low/quiet)	SPL	dBA	45/42/39/30	49/45/41/37
Sound Power Level (SWL)	SWL	dBA	63	64
Remote				HJ
Outdoor Unit				
External dimension	W x D x H	mm	1105 x 240 x 345	1310 x 285 x 370
Package dimension	W x D x H	mm	1185 x 428 x 331	1417 x 488 x 415
Net weight		kg	52.0	52.0
Gross weight		kg	56.0	56.0
Compressor Type			Rotary	Rotary
Sound Pressure Level	SPL	dBA	48	52
Sound Power Level (SWL)	SWL	dBA	67	68
Operating Temperature Range				
Outdoor (Min ~ Max)		Cooling		-10°C to 46°C
Outdoor (Min ~ Max)		Heating		-15°C to 24°C
Features				
Blue fin coils outdoor and indoor			Yes	Yes
Self Clean indoor and outdoor			Yes	Yes
Notes:				
(1) Note: The circuit breaker must comply with local/national wiring regulations and be appropriate for the conductors used and their method of installation.				

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