600 Series QP Extended Range Wall Mounted

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

600 Series QP Extended Range Wall Mounted

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.

EECA Approved

Listed onto approved heat pump products for council funding program

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
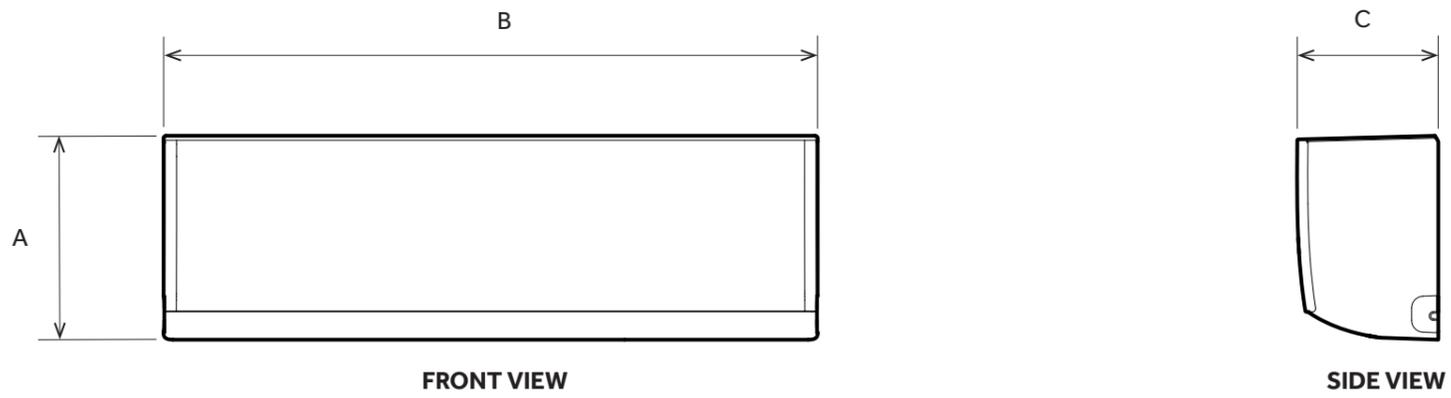
Control options

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.
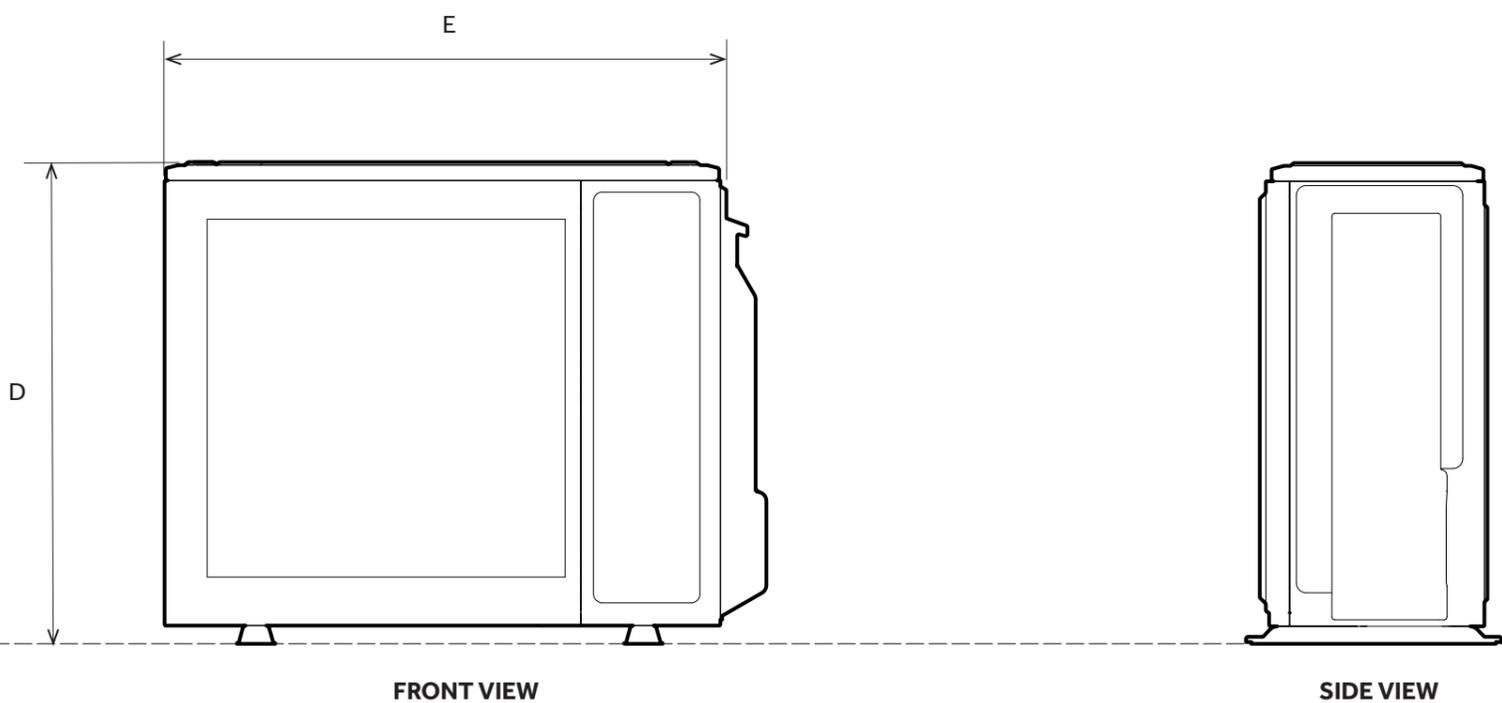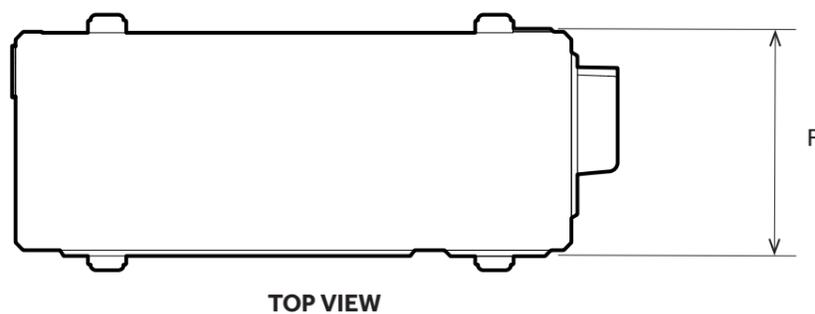
INDOOR UNIT

FRONT VIEW

SIDE VIEW

OUTDOOR UNIT

TOP VIEW

FRONT VIEW

SIDE VIEW

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

Model				AS71PEGHRA-SET	AS85PFGHRA-SET
		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 outoor 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.