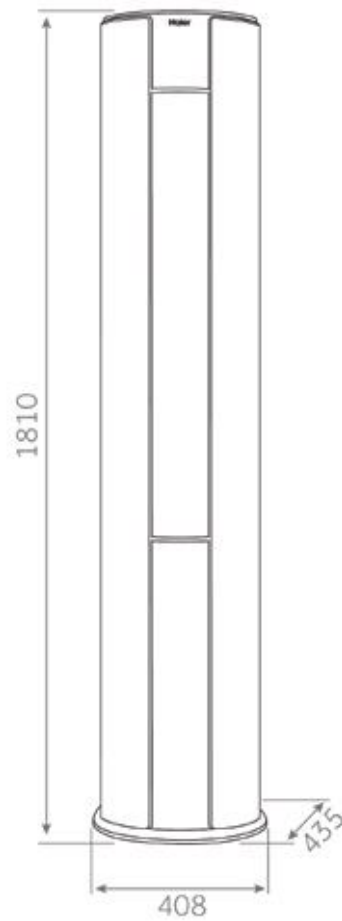
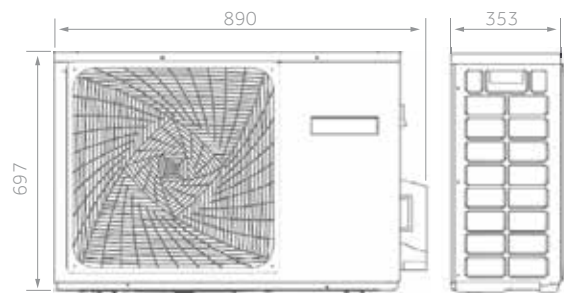




AP71



1U71



7,1kW

TOWER NEW

Estimated Launch Date July 2024

A++ / A+

7,1 kW



Standard YR-HQ



Silence



3D



Sleep

Integrated
Wi-Fi Control

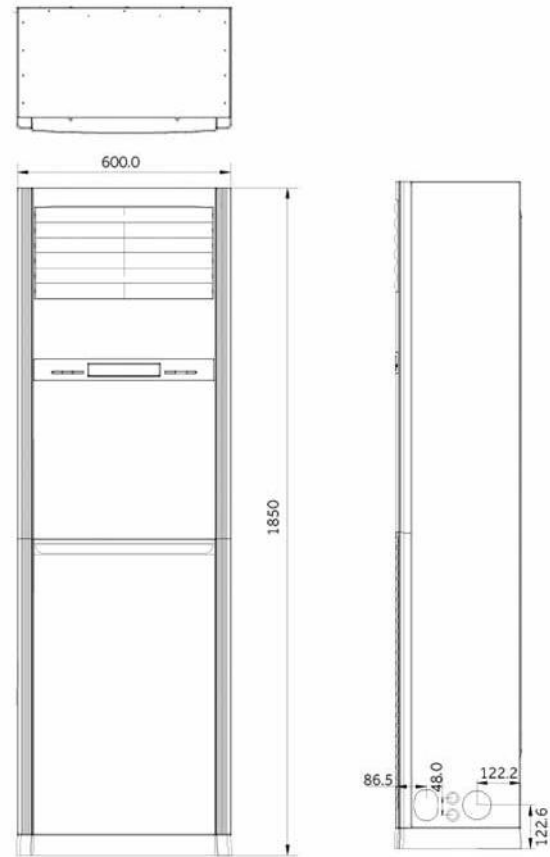
WHITE

- Low noise level
- 3D airflow: continuous movement of horizontal and vertical deflectors
- Sleep function for greater night time comfort
- Integrated Wi-Fi control

INDOOR UNIT	Model		AP71DFMHRA
OUTDOOR UNIT	Model		1U71WEMFRA
Performance data			
Output power - COOLING	nom (min-max)	kW	7,2 (0,90-8,90)
Output power - HEATING	nom (min-max)	kW	8 (0,90-10,50)
Absorbed power - COOLING	nom (min-max)	kW	2,23 (0,12-2,8)
Absorbed power - HEATING	nom (min-max)	kW	2,15(0,19-2,8)
Energy class	EER	W/W	3,23
	COP	W/W	3,70
COOLING Pdesign	35 °C	kW	7,20
HEATING Pdesign	(-10 °C)	kW	5,50
Energy class	SEER		7,00 (A++)
	SCOP		4,00 (A+)
Annual Energy Consumption - COOLING		kWh/a	360
Annual Energy Consumption - HEATING		kWh/a	1925
Indoor Unit			
Power supply		Ph/V/Hz	1PH/220-240V/50Hz
Treated air volume	H	m ³ /h	1510
Dehumidification		L/h	4,25
High sound power - COOLING		dB	64
High sound power - HEATING		dB	64
Sound pressure - COOLING		dB(A)	47
Sound pressure -HEATING		dB(A)	47
Net dimensions	WxDxH	mm	408x435x1810
Packaging dimensions	WxDxH	mm	525x550x1940
Net/gross weight		kg	26,5/34,5
Outdoor Unit			
Power supply		Ph/V/Hz	1PH/220-240V/50Hz
Power cable		N x mm ²	3 x 4,0
Interconnection cable		N x mm ²	4 x 1,5
Sound power	H	dB	69
Sound pressure	H	dB(A)	56
Running current cooling/heating	Max	A	14,5/17,5
Starting current cooling/heating	Max	A	2,0/2,0
Net dimensions	WxDxH	mm	889x340x705
Packaging dimensions	WxDxH	mm	1046x460x780
Net/gross weight		kg	43,5/47,5
Compressor type			Twin rotary inverter
Installation data			
Refrigerant			R32
Liquid pipe	∅	mm (inch)	6,35(1/4)
Gas pipe	∅	mm (inch)	12,7(1/2)
Standard pipe length without refrigerant charge		m	5
Maximum pipe length		m	20
Maximum IU - OU elevation		m	15
Refrigerant charge in the factory		kg	1,50
Refrigerant charge in the factory		TCO ₂ eq	1,01
Additional ref. charge over std length		g/m	20
Operating limits - COOLING (in/out)	min-max	°C	21 35/ -20-43
Operating limits - HEATING (in/out)	min-max	°C	10-27/ -25-24



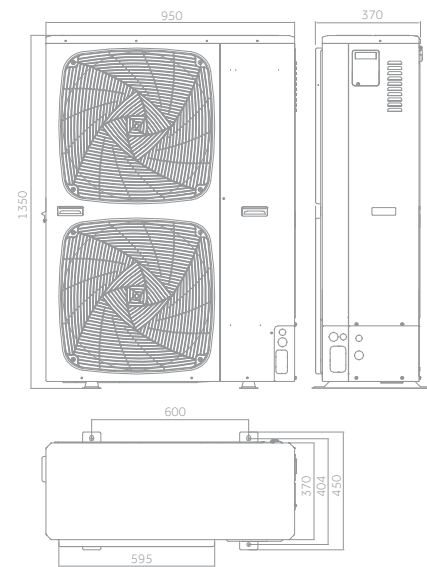
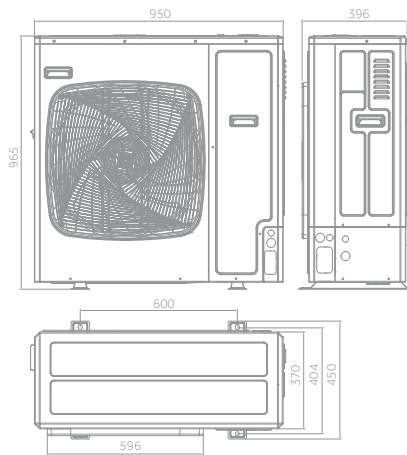
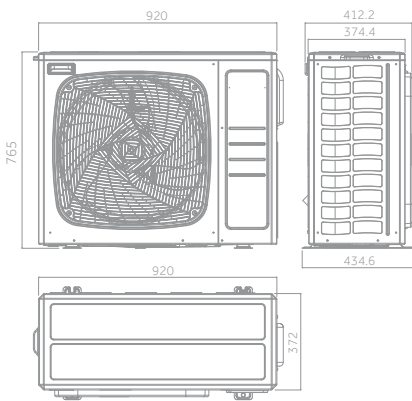
AP105 - AP140 - AP160



1U105

1U140

1U160



10,5 kW



14,0 kW



16,0 kW

CABINET NEW

Haier

MONOSPLIT



A+ / A

10,5 kW

13,4 kW

15,0 kW

Please see pages 40 & 41
For Controller Options



YR-HRS01



Silence



3D



Auto Mode



Auto Restart



UVC
Sterilisation



Integrated
Wi-Fi Control

- Low sound level
- 3D airflow: horizontal and vertical louver movement
- Auto mode
- Auto restart
- UVC Sterilisation
- Integrated Wi-Fi control

INDOOR UNIT	Model		AP105S2SK1FA(H)	AP140S2SK1FA(H)	AP140S2SK1FA(H)	AP160S2SK1FA(H)
OUTDOOR UNIT	Model		1U105S2SS2FA	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	35 °C	kW	9,20	13,40	13,40	15,0
HEATING Pdesign	(-10 °C)	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	74
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	920x372x765	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	30	30	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		TCO2eq	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	