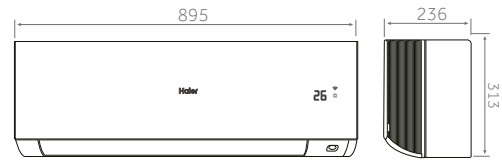




AS25 - AS30 - AS50



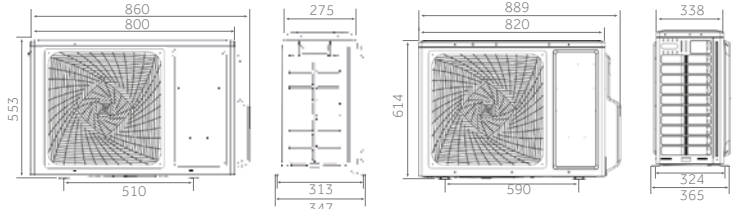
kW 2.5

kW 3.5

kW 5.0

1U25 - 1U35

1U50



## Technical Specifications

INDOOR UNIT		Model	AS25XCAHRA	AS35XCAHRA	AS50XCAHRA
OUTDOOR UNIT		Model	1U25S2SM1FA-2	1U35S2SM1FA-2	1U50S2SJ2FA
<b>Performance data</b>					
Output power - COOLING	(nom (min-max	kW	(0,80-3,20) 2,80	(1,00-4,00) 3,50	(1,40-5,50) 5,00
Output power - HEATING	(nom (min-max	kW	(0,80-4,20) 3,20	(1,00-5,20) 4,20	(1,70-6,20) 5,60
Absorbed power - COOLING	(nom (min-max	kW	(0,20-1,20) 0,651	(0,30-1,40) 0,875	(0,50-2,00) 1,470
Absorbed power - HEATING	(nom (min-max	kW	(0,30-1,50) 0,761	(0,50-1,60) 1,037	(0,52-2,30) 1,509
Energy class	EER	W/W	4,30	4,00	3,40
	COP	W/W	4,20	4,05	3,71
COOLING Pdesign	C° 35	kW	2,80	3,50	5,00
HEATING Pdesign	(C° -10)	kW	2,50	2,80	4,60
Energy class	SEER		(+++A) 8,80	(+++A) 8,50	(++A) 6,60
	SCOP		(++A) 4,75	(++A) 4,75	(+A) 4,30
Annual Energy Consumption - COOLING		kWh/a	111	144	265
Annual Energy Consumption - HEATING		kWh/a	737	825	1498
<b>Indoor Unit</b>					
Power supply		Ph/V/Hz	240/50-1/220	240/50-1/220	1/220-240/50
Treated air volume	H	m <sup>3</sup> /h	730	800	880
Dehumidification		L/h	1,2	1,6	2,0
High sound power - COOLING		dB	56	57	60
High sound power - HEATING		dB	56	57	60
Sound pressure - COOLING		(dB(A	39/32/25/16	40/33/26/17	45/37/29/20
Sound pressure - HEATING		(dB(A	39/32/25/16	40/33/26/17	45/37/29/20
Net dimensions	WxDxH	mm	895x313x236	895x313x236	895x313x236
Packaging dimensions	WxDxH	mm	964x386x316	964x386x316	964x386x316
Net/gross weight		kg	11,3/14,0	11,3/14,0	11,6/14,2
<b>Outdoor Unit</b>					
Power supply		Ph/V/Hz	240/50-1/220	240/50-1/220	1/220-240/50
Power cable		N x mm <sup>2</sup>	x 1,5 3	x 1,5 3	x 2,5 3
Interconnection cable		N x mm <sup>2</sup>	x 1,0 4	x 1,0 4	x 1,0 4
Sound power	H	dB	59	61	63
Sound pressure	H	(dB(A	48	49	51
Running current cooling/heating	Max	A	6,8/6,8	7,2/7,2	10,3/10,3
Starting current cooling/heating	Max	A	1,5/1,5	1,5/1,5	2,0/2,0
Net dimensions	WxDxH	mm	800x275x553	800x275x553	820x338x614
Packaging dimensions	WxDxH	mm	908x405x625	908x405x625	993x413x685
Net/gross weight		kg	27,6/30,4	30/32,9	37,8/41,5
Compressor type			Rotary Inverter	Rotary Inverter	Twin rotary inverter
<b>Installation data</b>					
Refrigerant			R32	R32	R32
Liquid pipe	Ø (mm (inch		(1/4) 6,35	(1/4) 6,35	(1/4) 6,35
Gas pipe	Ø (mm (inch		(3/8) 9,52	(3/8) 9,52	(1/2) 12,70
Standard pipe length without refrigerant charge		m	7	7	7
Maximum pipe length		m	20	20	25
Maximum IU - OU elevation		m	10	10	15
Refrigerant charge in the factory		kg	0,63	0,78	0,95
Refrigerant charge in the factory		TCO2eq	0,43	0,53	0,64
Additional ref. charge over std length		g/m	20	20	20
(Operating limits - COOLING (in/out	min-max	C°	35°C/-20-43°C-21		
(Operating limits - HEATING (in/out	min-max	C°	27°C/-20-24°C-10		

