

Residential MonoSplit Inverter **TUNDRA PLUS**



AS25 - AS35



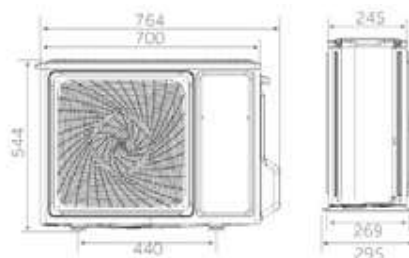
AS50



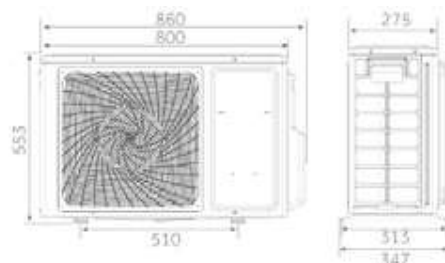
AS68



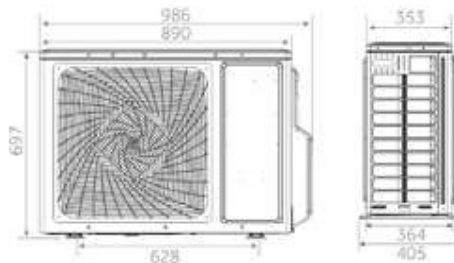
1U25



1U35 - 1U50



1U68



2,5 kW

3,5 kW

5,0 kW

6,8 kW

Residential MonoSplit Inverter

TUNDRA PLUS

Haier

MONOSPLIT RESIDENTIAL



2,5 kW

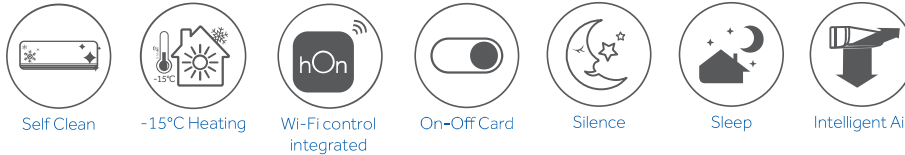
3,5 kW

5,0 kW

6,8 kW



Standard YR-HE



- Self-Clean
- -15°C Heating
- Wi-Fi control integrated
- On - Off Card
- Low noise level
- Comfortable Sleep
- Intelligent Air

INDOOR UNIT	Model	AS25TAEHRA-CLC	AS35TADHRA-CLC	AS50TDDHRA-CLC	AS68TEDHRA-CLC
OUTDOOR UNIT	Model	1U25YEFFRA-1	1U35MEEFRA-1	1U50MEGFRA	1U68REEFRA
Performance data					
Output power - COOLING	nom (min-max) kW	2,60 (0,80-3,40)	3,60 (1,00-4,00)	5,00 (1,30-5,80)	7,00 (2,20-8,50)
Output power - HEATING	nom (min-max) kW	2,90 (1,00-3,80)	3,70 (1,10-4,60)	5,20 (1,40-6,00)	8,10 (2,40-10,00)
Absorbed power - COOLING	nom (min-max) kW	0,804 (0,30-1,20)	1,114 (0,30-1,50)	1,466 (0,40-2,00)	2,167 (0,70-2,90)
Absorbed power - HEATING	nom (min-max) kW	0,781 (0,30-1,40)	0,997 (0,40-1,50)	1,400 (0,52-2,50)	2,183 (0,70-2,90)
Energy class	EER	3.23	3.23	3.41	3.23
	COP	3.71	3.71	3.71	3.71
COOLING Pdesign	35 °C kW	2,60	3,60	5,00	7,00
HEATING Pdesign	(-10 °C) kW	2,40	3,20	4,60	5,60
Energy class	SEER	6,20 (A++)	6,40 (A++)	6,10 (A++)	7,10 (A++)
	SCOP	4,10 (A+)	4,10 (A+)	4,00 (A+)	4,00 (A+)
Annual Energy Consumption - COOLING	kWh/a	147	197	287	350
Annual Energy Consumption - HEATING	kWh/a	819	1092	1610	1963
Indoor Unit					
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Treated air volume	H	m ³ /h	500	550	900
Dehumidification		L/h	1,2	1,6	2,0
High sound power - COOLING		dB	53	55	57
High sound power - HEATING		dB	53	55	57
Sound pressure - COOLING		dB(A)	37/32/28/20	38/33/29/21	44/40/35/28
Sound pressure - HEATING		dB(A)	37/32/28/20	38/33/29/21	44/40/35/28
Net dimensions	WxDxH	mm	820x195x280	820x195x280	1008x225x318
Packaging dimensions	WxDxH	mm	909x279x355	909x279x355	1085x329x403
Net/gross weight		kg	8,4/10,5	8,4/10,5	11,6/14,4
Outdoor Unit					
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Power cable		N x mm ²	3 x 1,0	3 x 1,5	3 x 2,5
Interconnection cable		N x mm ²	4 x 1,0	4 x 1,0	4 x 1,0
Sound power	H	dB	62	63	65
Sound pressure	H	dB(A)	47	48	53
Running current cooling/heating	Max	A	6,2/6,2	6,7/6,7	11,3/11,3
Starting current cooling/heating	Max	A	1,5/1,5	1,5/1,5	2,0/2,0
Net dimensions	WxDxH	mm	700x245x544	800x275x553	800x275x553
Packaging dimensions	WxDxH	mm	845x320x593	908x405x625	908x405x625
Net/gross weight		kg	22,7/25,2	27,0/30,3	32,7/36,5
Compressor type			Rotary inverter	Rotary inverter	Rotary inverter
Installation data					
Refrigerant			R32	R32	R32
Liquid pipe	∅	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
Gas pipe	∅	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,70 (3/8)
Standard pipe length without refrigerant charge		m	5	5	7
Maximum pipe length		m	20	20	25
Maximum IU - OU elevation		m	10	10	15
Refrigerant charge in the factory		kg	0,55	0,62	0,90
Refrigerant charge in the factory		TCO ₂ eq	0,37	0,42	0,61
Additional ref. charge over std length		g/m	20	20	20
Operating limits - COOLING (in/out)	min-max	°C	21-35°C/-10-43°C		
Operating limits - HEATING (in/out)	min-max	°C	10-27°C/-15-24°C		