

## NEW MINI R290



AW032HSGHA  
AW052HSGHA



ATW-E02N  
(Must be ordered Separately)



HU102WAHYA(B)  
(Must be ordered Separately)



HU102F16AHYA  
HU102F20AHYA  
(Must be ordered Separately)

### 3 INDOOR UNIT OPTIONS

Model			AW032HSGHA	AW052HSGHA
Heating (LWT 35°C / OAT 7°C)	Capacity	kW	3.80	5.10
	Power input	kW	0.72	0.99
	COP	-	5.30	5.16
Heating (LWT 55°C / OAT 7°C)	Capacity	kW	3.50	5.10
	Power input	kW	1.09	1.58
	COP	-	3.21	3.23
Space heating Average climate water outlet 35°C	SCOP	-	5.07	4.90
	ns	%	200	193
	Energy class	-	A+++	A+++
Space heating Average climate water outlet 55°C	SCOP	-	3.85	3.85
	ns	%	151	151
	Energy class	-	A+++	A+++
Cooling (LWT 18°C / OAT 35°C)	Capacity	kW	3.50	5.00
	Power input	kW	0.74	1.08
	EER	-	4.70	4.65
Cooling (LWT 7°C / OAT 35°C)	Capacity	kW	3.50	4.60
	Power input	kW	1.13	1.51
	EER	-	3.10	3.05
Outdoor operating temperature range	Heating	°C	-25 -35	-25 -35
	Cooling	°C	10 - 48	10 - 48
	DHW	°C	-25 -43	-25 -43
Leaving water temperature range	Heating	°C	20-80	20-80
	Cooling	°C	5-25	5-25
Storage temperature range(tank)	DHW	°C	25-75	25-75
Water piping connection	Inlet/Outlet	inch	G1/G 1	G1/G 1
Expansion tank	L	-	/	/
Compressor	Quantity	-	1	1
	Type	-	DC Inverter Twin Rotary	
Refrigerant	Type	-	R290	
	Charge/CO2 Eq.	kg/t	0.59 / 1.77	0.59 / 1.77
Net dimension	(HxWxD)	mm	765x920x372	765x920x372
Packing dimension	(HxWxD)	mm	875x1045x488	875x1045x488
Net/Gross weight		kg	68/80	68/80
Sound Pressure level*(1)		dB(A)	42	42
Sound power level*(1)		dB	55	55
Power supply		V/-/Hz	1/220-240/50	1/220-240/50
Max. running current		A	13.5	13.5
Recommended circuit breaker		A	16	16



Min outside ambient temperature -25°C

Note:

1. According to EN14511, EN14825 (EU) and No 811/2013(EU).
2. LWT: Leaving water temperature; OAT: Outdoor air temperature.
3. Sound level values are measured at a semi-anechoic room. And the sound power level values are based on measurement of EN12102-1 under conditions of EN14825.
4. The above data may be changed without notice for future improvement on quality and performance.

- \*(1) Max running current does not include backup electric heater, which is individually powered on.
- \*(2) The testing conditions refer to EN16147 average climate
- \*(3) The testing conditions refer to EN14511-2018 and the testing method refers to EN12102-2017 (A7/W35)

## NEW MINI R290

### ATW-E02N



Indoor Unit			ATW-A03N
Power Supply			20 AMP
Net Dimension	(HxWxD)	mm	460 × 400 × 110
Packaging dimension	(HxWxD)	mm	590 × 500 × 235
Net / Gross weight		kg	11.2 kg
		kg	8.1 kg

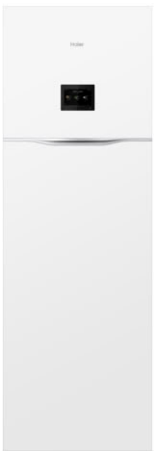
You then need the build it yourself kit ATW-E02N which comprises the flow switch and the wiring centre ATW-A03N\*

### HU102WAHYA(B)



Indoor Unit			HU102WAHYA
Leaving water temperature range	Heating	°C	20-80
	Cooling	°C	5-25
Storage temperature range (Tank)	DHW	°C	25-75
Water piping Connection	Inlet/Outlet	inch	R 1/R 1
Expansion Tank		L	8
Backup electric heater	Capacity	kW	1+2
Power supply		V/ph/Hz	220-240/1/50
Max running current		A	14.1
Recommended circuit breaker		A	20.0
Sound power level		dB	40
Net Dimension	(HxWxD)	mm	850 × 480 × 310
Packaging dimension	(HxWxD)	mm	1020 × 580 × 460
Net / Gross weight	HU1*2WAHYA**	kg	35.5 / 49
	HU1*2WAHYB**	kg	32.5/46

### HU102F16AHYA HU102F20AHYA



Indoor Unit			HU102F16AHYA	HU102F20AHYA
Leaving water temperature range	Heating	°C	20-80	20-80
	Cooling	°C	5-25	5-25
Storage temperature range (Tank)	DHW	°C	25-75	25-75
Water piping Connection	Inlet/Outlet (except for DHW)	inch	R 1/R 1	R 1/R 1
	Inlet/Outlet (DHW)	inch	R 3/4	R 3/4
Expansion Tank		L	8	8
Primary circuit	Pressure relief valve	bar	3	3
Power supply		V/ph/Hz	220-240/1/50	220-240/1/50
Max running current*(1)		A	14.1	14.1
Recommended circuit breaker		A	20.0	20.0
DHW Tank	Type	-	2205 duplex stainless steel	
	Tank Volume	L	160	200
	Maximum water pressure limit	bar	7	7
	Tank heater	kW	3	3
Declared load profile		-	L	L
COPx(2)		-	3.16	3.37
Water heating energy efficiency class		-	A+	A+
Backup electric heater	Power supply	V/ph/Hz	220-240/1/50	220-240/1/50
	Capacity	kW	1+2	1+2
	Steps	-	3	3
	Max Running current	A	14.0	14.0
	Recommended circuit breaker	A	20.0	20.0
Sound power level		dB	40	40
Net Dimension	(HxWxD)	mm	1580x590x590	1780 × 590 × 595
Packaging dimension	(HxWxD)	mm	1860x695x695	2060 × 695 × 695
Net / Gross weight		kg	103 / 121	115 / 131