

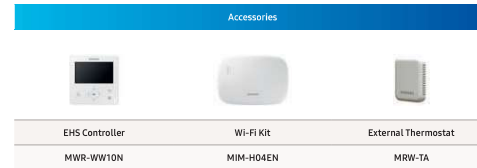
Specifications

Split with Third Party DHW Tank R32

- Connectable with R32 Split ODU in combination of third party Tank
- Competible with thermostats, solar panels and back-up boilers
- Intuitive, colour screen touch controller in multiple languages
- Energy monitoring through touch controller
- PV and Smart Grid ready
- 2-zone control, suitable for floor heating and radiators
- SmartThings compatible with optional Wi-Fi kit



System	Operation	Indoor Unit		AE090RNYDEG/EU	AE090RNYDEG/EU	AE090RNYDEG/EU	
		Outdoor Unit		AE040RKEDEG/EU	AE060RKEDEG/EU	AE090RKEDEG/EU	
System	Nominal Capacity	Heating A7/W35 ¹	W	4.400	6.000	9.000	
		Cooling A35/W18 ¹	W	5.000	6.500	8.700	
	Power Input (Nominal)	Heating A7/W35 ¹	W	846	1.220	1.870	
		Cooling A35/W18 ¹	W	1.090	1.470	2.110	
	COP (Nominal Heating) A7/W35 ¹		W/W	5,20	4,92	4,81	
	EER (Nominal Cooling) A35/W18 ¹		W/W	4,59	4,42	4,12	
	Seasonal Space Heating Eff. Class LWT 35°C/ 55°C		-	A+++/A++	A+++/A++	A+++/A++	
	Current	MCA	A	16,00	16,00	22,00	
		MFA	A	20,00	20,00	27,50	
	Leaving Water Temperature	Heating	°C	15-65	15-65	15-65	
		Cooling	°C	5-25	5-25	5-25	
	Ambient Temperature	Heating	°C	-25-35	-25-35	-25-35	
		Cooling	°C	10-46	10-46	10-46	
		DHW	°C	-25-43	-25-43	-25-43	
	Functions	Smart Grid Ready		•	•	•	
PV Enabled			•	•	•		
2-Zone Control			•	•	•		
Wall-Mounted Hydro Unit	Power Supply		Φ, V, Hz	1Φ, 2, 220-240V, 50Hz	1Φ, 2, 220-240V, 50Hz	1Φ, 2, 220-240V, 50Hz	
	Sound	Sound Pressure ²	dB(A)	26	26	26	
		Sound Power	dB(A)	40	40	40	
	Dimensions	Net Weight	kg	45,0	45,0	45,0	
		Net Dimensions (WxHxD)	mm	510 x 850 x 315	510 x 850 x 315	510 x 850 x 315	
	Piping	Liquid Pipe	Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	
		Gas Pipe	Φ, mm (inch)	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	
Outdoor unit	Compressor	Type	-	BLDC Twin Rotary	BLDC Twin Rotary	BLDC Twin Rotary	
	Base Heater		-	•	•	•	
	Sound	Sound Pressure ²	dB(A)	46	47	49	
		Sound Power	dB(A)	61	62	63	
	Dimensions	Net Weight	kg	46.5	46.5	73.0	
		Net Dimensions (WxHxD)	mm	880 x 638 x 310	880 x 638 x 310	940 x 998 x 330	
	Refrigerant	Type	-	R32	R32	R32	
	These products contain R32 (GWP=675) which is fluorinated greenhouse gas.						
	Factory Charging		tCO ₂ e	1,2	1,2	1,4	
			kg	0,81	0,81	0,95	
Piping	Piping Connections	Liquid Pipe	Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	
		Gas Pipe	Φ, mm (inch)	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	
Piping length (ODU-IDU)	Max.[Equiv.]	m	30	30	35		
Level difference (IDU-IDU)	Max.	m	20	20	20		
Chargeless Length		Φ, mm	15	15	15		
Water pipe	Inlet/Outlet	Φ, mm	1+1/4"	1+1/4"	1+1/4"		



AE090RNYDEG/EU	AE090RKEDEG/EU
9.000	
8.700	
1.870	
2.110	
4.81	
4.12	
A+++/A++	
10,00	
16,10	
15-65	
5-25	
-25-35	
10-46	
-25-43	
•	
•	
•	
3Φ, 2, 380-415V, 50Hz	
26	
40	
46.5	
510 x 850 x 315	
6.35 (1/4")	
15.88 (5/8")	
BLDC Twin Rotary	
•	
49	
63	
72,0	
940 x 998 x 330	
R32	
These products contain R410A (GWP=2.088) which is fluorinated greenhouse gas.	
1,4	
0,95	
6.35 (1/4")	
15.88 (5/8")	
35	
20	
15	
1+1/4"	



¹A2W Conditions: (Heating) Water In/Out 30°C/35°C, Outdoor Air 7°C[DB]/4°C[WB]; (Cooling) Water In/Out 23°C/18°C, Outdoor Air 35°C[DB].

²65°C down to +10°C (max. 60°C down to -5°C).

³Sound pressure level is obtained in an anechoic room. Sound pressure level is a relative value, depending on the distance and acoustic environment. Sound pressure level may differ depending on operation conditions.

⁴A+++ energy label is available according to EU No 811/2013 label classification 2019, on a scale from D to A+++.