





Samsung EHS Mono R290 16kW AE160CXYDEK/AE160CXYDGK

Global Warming Potential (GWP) of 3

The EHS Mono R290 can be used with the Samsung ClimateHub or connected to third party equipment such as a Domestic Hot Water (DHW) Tank thanks to the Samsung Mono control kit.



Outdoor Unit		Indoor Unit	Control/Interface			
5.0/8.0kW (R290)	12.0/16.0kW (R290)	ClimateHub (200/260L)	Mono Control Kit	Wi-Fi Kit	Wired Remote Controller	DMS2.5

Specifications

		AE160CXYDEK	AE160CXYDGK
Capacity			
Capacity*	Heating (A7/W35)	kW	16.0
Performance			
Leaving Water Temperature	Heating	°C	15-75
Efficiency	SCOP Class (35°C)		A+++
	SCOP Class (55°C)		A++
Sound Pressure**	Normal	dB(A)	51
	Quiet Mode	dB(A)	35
Operating Temperature Range	Heating	°C	-25-35
Electrical Data			
Power Supply		Φ, V	1Φ, 2Line, 220-240V, 50Hz
Refrigerant			3Φ, 4Line, 380-415V, 50Hz
Refrigerant Type			R290 (GWP=3)
Water Pipe	Inlet/Outlet	mm	BSP male 1"/BSP male 1"
Dimensions			
Net Dimensions	W x H x D	mm	1270 x 1018 x 530

The available line-up, including capacities and models, may vary by region. Features and specifications are subject to change without notice.

* A2W Condition: (Heating) Water In/Out 30°C/35°C, Outdoor Air 7°C [DB] /6°C [WB]; Outdoor Air 35°C [DB].

** Sound 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.



PV enabled & Smart Grid Ready

It optimises the self-consumption of electricity produced by photovoltaic panels.

Connection is already prepared on the hydronic modules and in the ClimateHub and Samsung EHS systems.

