





## Samsung EHS Mono R290 8kW AE080CXYDEK/AE080CXYDGK

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

		AE080CXUDEK		AE080CXYDGK	
<b>Capacity</b>					
Capacity*	Heating (A7/W35)	kW	8.0	8.0	
<b>Performance</b>					
Leaving Water Temperature	Heating	°C	15-75	15-75	
Efficiency	SCOP Class (35°C)		A+++	A+++	
	SCOP Class (55°C)		A++	A++	
Sound Pressure**	Normal	dB(A)	45	45	
	Quiet Mode	dB(A)	35	35	
Operating Temperature Range	Heating	°C	-25-35	-25-35	
<b>Electrical Data</b>					
Power Supply		Φ, V	1Φ, 2Line, 220-240V, 50Hz	3Φ, 4Line, 380-415V, 50Hz	
<b>Refrigerant</b>					
Refrigerant Type			R290 (GWP=3)	R290 (GWP=3)	
Water Pipe	Inlet/Outlet	mm	BSPP male 1"/BSPP male 1"	BSPP male 1"/BSPP male 1"	
<b>Dimensions</b>					
Net Dimensions	W x H x D	mm	998 x 850 x 500	998 x 850 x 500	

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.

