

# Samsung EHS Mono R290 12kW AE120CXYDEK/AE120CXYDGK

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

			AE120CXYDEK	AE120CXYDGK
Capacity				
Capacity*	Heating (A7/W35)	kW	12.0	12.0
Performance				
Leaving Water Temperature	Heating	°C	15-75	15-75
Efficiency	SCOP Class (35°C)		<div>A+++</div>	<div>A+++</div>
	SCOP Class (55°C)		<div>A++</div>	<div>A++</div>
Sound Pressure**	Normal	dB(A)	47	47
	Quiet Mode	dB(A)	35	35
Operating Temperature Range	Heating	°C	-25~35	-25~35
Electrical Data				
Power Supply		Φ, V	1Φ, 2Line, 220~240V, 50Hz	3Φ, 4Line, 380~415V, 50Hz
Refrigerant				
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"
Dimensions				
Net Dimensions	W x H x D	mm	1270 x 1018 x 530	1270 x 1018 x 530

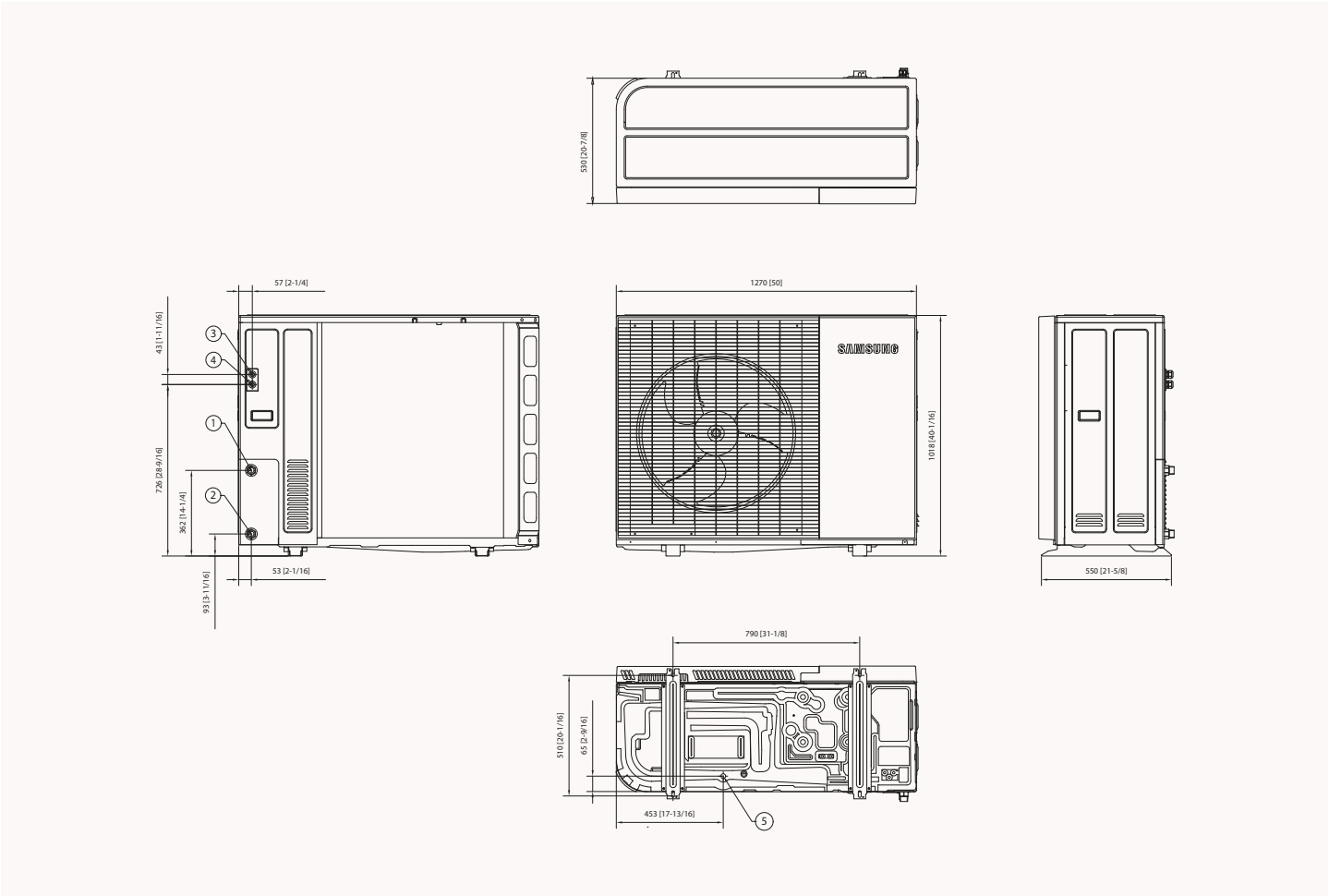
The available line-up, including capacities and models, may vary by region. Features and specifications are subject to change without notice.  
\* A2W Condition: (Heating) Water In/Out 30°C/35°C, Outdoor Air 7°C [DB] /6°C [WB]; Outdoor Air 35°C [DB].

\*\* 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.



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**Samsung Electronics Air Conditioner Europe B.V.**  
Evert van de Beekstraat 310, 1118 CX Schiphol  
P.O. Box 75810, 1118 ZZ Schiphol  
+31 (0)8 81 41 61 00  
The Netherlands