

# Datasheet

## Samsung EHS Gen 7 R290 Integrated

AE\*\*0CXYBEK/EU



	5kW	8kW	12kW	16kW
<b>Product Code</b>	AE050CXYBEK/EU	AE080CXYBEK/EU	AE120CXYBEK/EU	AE160CXYBEK/EU
<b>Heating and Cooling (°c)</b>				
Min. heating flow temp	15	15	15	15
Max. heating flow temp	75	75	75	75
Min. cooling flow temp	5	5	5	5
Max. cooling flow temp	25	25	25	25
<b>MCS listed SCOPs</b>				
@ 35°c	4.84	4.66	4.73	4.57
@ 40°c	4.49	4.35	4.42	4.29
@ 45°c	4.14	4.04	4.12	4.00
@ 50°c	3.78	3.72	3.82	3.72
@ 55°c	3.42	3.41	3.51	3.43
@ 60°c	3.18	3.15	3.17	3.12
@ 65°c	2.93	2.89	2.84	2.81
<b>Dimensions (mm)</b>				
Height	850	850	1018	1018
Width	1270	1270	1270	1270
Depth	500	500	530	530
<b>Additional Data</b>				
Weight (kg)	113.0	125.0	154.0	154.0
Min. flow rate (L/min)	7	7	7	7
Max. flow rate (L/min)	48	48	58	58
Sound Power Level (dB(A))	55	59	60	65
Refrigerant	R290	R290	R290	R290
Refrigerant charge (kg)	0.63	0.87	1.25	1.25
<b>Component Data</b>				
Pump	UPM4K 25-75/130	UPM4K 25-75/130	UPM4XLK 25-90/130	UPM4XLK 25-90/130
Expansion Vessel	10L, 0.3MPa	10L, 0.3MPa	10L, 0.3MPa	10L, 0.3MPa
Pressure Relief Valve	2.9 bar	2.9 bar	2.9 bar	2.9 bar

All information correct as of 18/04/24