

COMMISSION DELEGATED REGULATION (EU) No 811/2013

PRODUCT FICHE (ENERGY LABELLING OF COMBINATION HEATER)



A	Supplier's name or trademark		-	Samsung Electronics Co, Ltd. & Joule Ireland			
B	Supplier's model identifier		-	AE050JXYDEH EU & Joule 200L H.G Cyclone	AE090JXYDEH EU & Joule 200L H.G Cyclone	AE120JXYDEH EU & Joule 300L H.G Cyclone	AE160JXYDEH EU & Joule 300L H.G Cyclone
C	For space heating		-	Medium-temperature application			
E	For water heating	Load profile	-	L	L	L	XL
G	Seasonal space heating energy efficiency class	Medium-temperature	-	A++	A++	A+	A+
		Low-temperature	-	A+++	A+++	A+++	A+++
J	Water heating energy efficiency class		-	A+	A+	A	A
K	Rated heat output (Average)	Medium-temperature	kW	4,7	6,2	8,0	9,5
		Low-temperature	kW	5,0	6,8	10,6	12,5
L	Annual energy consumption for space heating (Average)	Medium-temperature	kWh	2106	2778	3930	4836
		Low-temperature	kWh	1564	2201	3392	4046
M	Annual electricity consumption for water heating (Average)		kWh	803	707	1397	2225
N	Seasonal space heating energy efficiency (Average)	Medium-temperature	%	125	125	114	110
		Low-temperature	%	180	176	175	176
O	Water heating energy efficiency (Average)		%	128	145	96	97
P	L _{WA} (sound power level, indoor)		dB	-	-	-	-
Q	Work only during off-peak hours		(Yes/No)	No			
R	Specific precautions ¹⁾		-				
S	Rated heat output (Colder)	Medium-temperature	kW	3,6	5,6	8,0	9,5
		Low-temperature	kW	4,0	6,1	10,6	12,5
T	Rated heat output (Warmer)	Medium-temperature	kW	4,6	6,2	8,4	10,4
		Low-temperature	kW	5,0	6,7	11,4	13,4
U	Annual energy consumption for space heating (Colder)	Medium-temperature	kWh	3055	4200	6788	7458
		Low-temperature	kWh	2270	3264	5858	6863
V	Annual energy consumption for space heating (Warmer)	Medium-temperature	kWh	1620	2184	2851	3487
		Low-temperature	kWh	1148	1529	2928	3540
W	Annual electricity consumption for water heating (Colder)		kWh	863	745	1449	2301
X	Annual electricity consumption for water heating (Warmer)		kWh	738	648	1332	2107
Y	Seasonal space heating energy efficiency (Colder)	Medium-temperature	%	99	112	99	107
		Low-temperature	%	148	157	152	153
Z	Seasonal space heating energy efficiency (Warmer)	Medium-temperature	%	159	159	165	167
		Low-temperature	%	244	249	218	212
AA	Water heating energy efficiency (Colder)		%	119	137	92	90
AB	Water heating energy efficiency (Warmer)		%	139	158	110	112
AC	L _{WA} (sound power level, outdoor)		dB	61	63	64	66

AD ¹⁾ Precautions as described in the installation/user manual must be taken when assembling, installing and maintaining this product

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AE	Preferential heater						
AF	Seasonal space heating energy efficiency class (Average)		-	A++	A++	A+	A+
N	Seasonal space heating energy efficiency (Average)		%	127	127	116	112
Y	Seasonal space heating energy efficiency (Colder)		%	101	114	101	109
Z	Seasonal space heating energy efficiency (Warmer)		%	161	161	167	169
AG	Weight factor (Preferential and Supplementary heater)		-	0	0	0	0
AH	Value of III [294/(11 x • Prated)]		-	5,7	4,3	3,3	2,8
AI	Value of IV [115/(11 x • Prated)]		-	2,2	1,7	1,3	1,1
AJ	Difference between the seasonal space heating energy efficiencies under average and colder climate conditions		%	26	13	15	3
AK	Difference between the seasonal space heating energy efficiencies under warmer and average climate conditions		%	34	34	51	57
AL	Water heating						
AM	Seasonal water heating energy efficiency class (Average)		-	A+	A+	A	A
AN	Water heating energy efficiency of the combination heater (Average)		%	128	145	96	97
AO	Value of [(220 x Qref)/Qnonsol]		%	-	-	-	-
AP	Value of [(Qaux x 2,5)/(220 x Qref)]		%	-	-	-	-
AQ	Declared load profile (Average)		-	L	L	L	XL
AO	Temperature controls						
A	Supplier's name or trademark		-	Samsung Electronics Co, Ltd.			
B	Supplier's model identifier		-	MIM-E03xN			
AS	the class of the temperature control		-	Class II			
AT	the contribution of the temperature control		%	2			

Applicable date: 15/01/2021
 Revision: 2.0
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