



MIDSUMMER

Delivering tomorrow's energy

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Additional Samsung EHS Mono Data

Key design data - MCS - Energy Networks Association

Product		Samsung 5kW Monobloc Heat Pump	Samsung 8kW Monobloc Heat Pump	Samsung 12kW Monobloc Heat Pump	Samsung 16kW Monobloc Heat Pump
Samsung Model Number		AE050RXYDEG/EU	AE080RXYDEG/EU	AE120RXYDEG/EU	AE160RXYDEG/EU
Leaving water temperatures (°C)		15-65	15-65	15-65	15-65
MCS listed SCOP @	35°C	4.46	4.44	4.69	4.48
	40°C	4.15	4.14	4.40	4.24
	45°C	3.83	3.84	4.10	4.01
	50°C	3.52	3.53	3.81	3.77
	55°C	3.20	3.23	3.51	3.53
MCS cert No. with	MIM-E03CN controller	007-CU0101(2)	007-CU0102(2)	007-CU0104(2)	007-CU0104(4)
	200l climate hub tank	007-CU0101(1)	007-CU0102(1)	007-CU0104(1)	N/A
	260l climate hub tank	N/A	007-CU0103(1)	007-CU0105(1)	007-CU0105(4)
ENA database Ref / Max current		HP_0906 / 16A	HP_0907 / 22A	HP_0908 / 28A	HP_0909 / 32A
Dims (mm)	Width	880	940	940	940
	Depth	310	330	330	330
	Height	798	998	1420	1420
Min water flowrate (l/min)		7	7	12	12
Max water flowrate (l/min)		48	48	58	58
Net weight (kg)		58.5	76	110	110
Sound power level dB(A)		61	63	64	66
Refrigerant charge (kg R32)		1.00	1.15	2.20	2.20

For full design data please refer to EHS catalogue.