

ERGA-EV
ERGA-EVH
ERGA-EVH7

Rated data for certification programmes - heating mode

Tamb	EWC	LWC	ERGA04EAV3		ERGA06EAV3(H)		ERGA08EAV3(H)(7)	
			HC	COP	HC	COP	HC	COP
[°C]	[°C]	[°C]	[kW]		[kW]		[kW]	
10/8	30	35	5.17	5.42	6.17	5.12	7.72	4.72
7/6	30	35	4.30	5.10	6.00	4.85	7.50	4.60
2/1	30	35	3.50	4.10	4.80	3.75	5.60	3.65
-7/-8	30	35	4.50	3.10	5.50	2.90	6.00	2.70
7/6	40	45	4.60	3.65	5.90	3.50	7.80	3.50
2/1	40	45	4.20	2.80	5.00	2.80	6.00	2.75
-7/-8	40	45	4.35	2.40	5.00	2.35	6.10	2.21
7/6	47	55	4.90	2.56	5.80	2.61	7.50	2.61
-7/-8	47	55	4.20	1.60	5.00	1.65	5.50	1.70

Rated data for certification programmes - cooling mode

Tamb	EWE	LWE	ERGA04EAV3(A)		ERGA06EAV3(A/H)		ERGA08EAV3(A/H)(7)	
			CC	EER	CC	EER	CC	EER
[°C]	[°C]	[°C]	[kW]		[kW]		[kW]	
35	23	18	4.86	5.98	5.96	5.61	6.25	5.40
35	12	7	4.52	3.32	5.09	3.28	5.44	3.14

Seasonal data - cooling

Low temperature		Low temperature	
Application		LWE 7°C	
		ERGA04EAV3(A)	ERGA06EAV3(A/H)
		ERGA08EAV3(A/H)(7)	
SEER	[-]	5.66	5.73
Pdes	[kW]	4.5	5.1
η _{s,c}	[-]	223%	226%
Q _c	[kWh/annum]	480	533

Symbols

HC	Heating capacity measured according to EN 14511
CC	Cooling capacity, measured according to -EN 14511-.
COP/EER	Coefficient of Performance/Energy efficiency ratio according to EN 14511.
EWC	Entering water condenser temperature [°C]
LWC	Leaving water condensor temperature [°C]
EWE	Entering water evaporator temperature [°C]
LWE	Leaving water evaporator temperature [°C]
Tamb	Ambient temperature [°C DB/WB]
Pdes	Nominal capacity value at design temperature [kW]
η _{s,c}	Seasonal space cooling energy efficiency according to -EN14825-
SEER	Seasonal energy efficiency ratio according to -EN14825-
Q _c	Annual energy consumption for cooling according to -EN14825-

Rated data for certification programmes - heating mode

Tamb	EWC	LWC	ERGA04EAV3A		ERGA06EAV3A		ERGA08EAV3A	
			HC	COP	HC	COP	HC	COP
[°C]	[°C]	[°C]	[kW]		[kW]		[kW]	
10/8	30	35	5.17	5.42	6.17	5.12	7.72	4.72
7/6	30	35	4.30	5.10	6.00	4.85	7.50	4.60
2/1	30	35	3.50	4.10	4.80	3.75	5.60	3.65
-7/-8	30	35	4.50	3.10	5.50	2.90	6.00	2.70
7/6	40	45	4.60	3.65	5.90	3.50	7.80	3.50
2/1	40	45	4.20	2.80	5.00	2.80	6.00	2.75
-7/-8	40	45	4.35	2.40	5.00	2.35	6.02	2.21
7/6	47	55	4.90	2.56	5.80	2.61	7.50	2.61
-7/-8	47	55	4.20	1.60	4.91	1.65	4.86	1.70

Rated data for sound GET database

Standard sound model		ERGA04EAV3(A)	ERGA06EAV3(A/H)	ERGA08EAV3(A/H)(7)
Maximum sound day	Sound power [dBA]	60	62	65
Maximum sound night	Sound power [dBA]	54	54	54

Low sound model		ERGA04EAV3(A)	ERGA06EAV3(A/H)	ERGA08EAV3(A/H)(7)
Maximum sound day	Sound power [dBA]	59	61	63
Maximum sound night	Sound power [dBA]	52	52	52