

ERLA11DAV3 / ERLA16DAV37 / ERLA11DAW1 / ERLA14DAW1 / ERLA16DAW17

Rated data for certification programmes - heating mode

Tamb [°C]	EWc [°C]	LWC [°C]	ERLA11DAV3 HC [kW]	COP [-]	ERLA14DAV3 HC [kW]	COP [-]	ERLA16DAV3(7) HC [kW]	COP [-]	ERLA11DAW1 HC [kW]	COP [-]	ERLA14DAW1 HC [kW]	COP [-]	ERLA16DAW1(7) HC [kW]	COP [-]	Used for:
10/9	30	35	9.20	5.32	9.20	5.32	9.20	5.32	9.20	5.32	9.20	5.32	9.20	5.32	BAFA
7/6	30	35	10.56	4.83	12.00	4.87	16.00	4.53	10.56	4.83	12.00	4.87	16.00	4.53	Keymark, EHPA, BAFA, GET
2/1	(30)	35	9.00	3.65	10.80	3.50	12.00	3.30	9.00	3.65	10.80	3.50	12.00	3.30	EHPA, GET
2/1	(30)	35	6.29	4.01	6.29	4.01	6.29	4.01	6.29	4.01	6.29	4.01	6.29	4.01	BAFA
-7/-8	(30)	35	8.75	2.92	9.30	2.86	10.60	2.70	8.75	2.92	10.50	3.00	12.30	2.87	EHPA, BAFA, GET
7/6	40	45	9.82	3.66	12.45	3.64	16.00	3.51	9.82	3.66	12.45	3.64	16.00	3.51	EHPA
-2/-3	(40)	45	9.32	2.57	10.15	2.58	11.91	2.42	9.32	2.57	10.15	2.58	11.91	2.42	MCS
-7/-8	(40)	45	8.72	2.35	8.98	2.29	10.49	2.10	8.72	2.35	8.98	2.29	10.49	2.10	EHPA
7/6	47	55	10.64	2.94	11.87	2.89	15.63	2.75	10.64	2.94	11.87	2.89	15.63	2.75	Keymark, EHPA, GET
-7/-8	47	55	7.89	1.82	8.47	1.82	8.87	1.78	7.89	1.82	8.47	1.82	8.87	1.78	GET, EHPA

Rated data for certification programmes - cooling mode

Nominal cooling capacity

Tamb [°C]	EWE [°C]	LWE [°C]	ERLA11DA(V3/W1) CC [kW]	EER [-]	ERLA14DA(V3/W1) CC [kW]	EER [-]	ERLA16DA(V3/W1)(7) CC [kW]	EER [-]	Used for:
35	23	18	11.85	4.7	13.18	4.61	15.72	4.11	General
35	12	7	11.18	3.22	12.92	2.98	13.63	2.91	Keymark

Seasonal data - cooling

LWE 7°C

Low temperature

Application

	ERLA11DA(V3/W1)	ERLA14DA(V3/W1)	ERLA16DA(V3/W1)(7)
Pdes [kW]	11	12.9	13.600
SEER [-]	5.92	5.86	5.76
η _{s,c} [-]	234	231	227
Q _{CE} [kWh/annum]	1116	1322	1417

Rated data for certification programmes - standby power consumption

	g	Used for:
Standby power input [W]	23	Taux

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]
SEER	Seasonal energy efficiency ratio according to -EN14825-
η _{s,c}	Seasonal space cooling energy efficiency according to -EN14825-
Q _{CE}	Annual energy consumption for cooling according to -EN14825-

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