

EBLA04-08EV3
EDLA04-08EV3
EBLA04-08E3V3
EDLA04-08E3V3

Rated data for certification programmes - heating mode

Tamb [°C]	EWC [°C]	LWC [°C]	E(B/D)LA04E2(3)V3		E(B/D)LA06E2(3)V3		E(B/D)LA08E2(3)V3	
			HC [kW]	COP	HC [kW]	COP	HC [kW]	COP
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	2,65	5,80	2,70	7,50	2,70
-7/-8	47	55	4,20	1,60	5,00	1,65	5,50	1,70

Rated data for certification programmes - cooling mode

Tamb [°C]	EWE [°C]	LWE [°C]	EBLA04E2(3)V3		EBLA06E2(3)V3		EBLA08E2(3)V3	
			CC [kW]	EER	CC [kW]	EER	CC [kW]	EER
35	23	18	4,86	5,91	5,83	5,4	6,18	5,19
35	12	7	4,52	3,32	5,09	3,28	5,44	3,14

Seasonal data - cooling

Low temperature Application		LWE 7°C		
		EBLA04E2(3)V3	EBLA06E2(3)V3	EBLA08E2(3)V3
SEER	[-]	5,25	5,31	5,36
Pdes	[kW]	4,5	5,1	5,4
η _{s,c}	[-]	210%	212%	215%
Q _{CE}	[kWh/annum]	518	576	609

Rated data for sound GET database

Standard sound model		E(B/D)LA04E2(3)V3	E(B/D)LA06E2(3)V3	E(B/D)LA08E2(3)V3
Maximum sound day	Sound power [dBA]	60	62	65
Maximum sound night	Sound power [dBA]	54	54	54

Low sound model		E(B/D)LA04E2(3)V3	E(B/D)LA06E2(3)V3	E(B/D)LA08E2(3)V3
Maximum sound day	Sound power [dBA]	59	61	63
Maximum sound night	Sound power [dBA]	52	52	52

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_{CE}
- Annual energy consumption for cooling according to ·EN14825·

Rated data for certification programmes - domestic hot water performance

Outdoor unit		E(B/D)LA(04/06/08)E2(3)V3									
Domestic hot water tank		EKHWS150D3 V3	EKHWS180D3 V3	EKHWS200D3 V3	EKHWS250D3 V3	EKHWS300D3 V3	EKHWSU150D 3V3	EKHWSU180D 3V3	EKHWSU200D 3V3	EKHWSU250D 3V3	EKHWSU300D 3V3
Tapping pattern		L	L	L	XL	XL	L	L	L	XL	XL
Application		Average climate (design temperature: -7.°C)									
COP _{DHW}	[]	2,02	2,65	2,91	2,77	2,77	2,02	2,65	2,91	2,77	2,77
η _{wh}	[%]	84,1%	110,3%	121,1%	117,1%	114,3%	84,1%	110,3%	121,1%	117,1%	114,3%
AEC	[kWh]	1217	928	845	1430	1466	1217	928	845	1430	1466
Application		Colder climate (design temperature: -2.°C)									
COP _{DHW}	[]	1,66	2,16	2,36	2,34	2,33	1,66	2,16	2,36	2,34	2,33
η _{wh}	[%]	68,8%	89,6%	98,3%	98,9%	96,2%	68,8%	89,6%	98,3%	98,9%	96,2%
AEC	[kWh]	1487	1142	1042	1694	1742	1487	1142	1042	1694	1742
Application		Warmer climate (design temperature: -14.°C)									
COP _{DHW}	[]	2,38	3,01	3,31	3,22	3,23	2,38	3,01	3,31	3,22	3,23
η _{wh}	[%]	99,8%	126,2%	138,6%	136,7%	133,3%	99,8%	126,2%	138,6%	136,7%	133,3%
AEC	[kWh]	1025	811	738	1225	1256	1025	811	738	1225	1256

Outdoor unit		E(B/D)LA(04/06/08)E2(3)V3								
Domestic hot water tank		EKHWS150D 3V3	EKHWS180D 3V3	EKHWS200D 3V3	EKHWS250D 3V3	EKHWS300D 3V3	EKHWP300B	EKHWP500B	EKHWP300PB	EKHWP500PB
Tapping pattern		L	L	L	XL	XL	L	XL	L	XL
Application		Average climate (design temperature: -7°C)								
COP _{DHW}	[]	2,02	2,65	2,91	2,77	2,77	2,28	2,60	2,28	2,63
η _{wh}	[%]	84,1%	110,3%	121,1%	117,1%	114,3%	94,7%	107,4%	94,7%	108,7%
AEC	[kWh]	1217	928	845	1430	1466	1081	1560	1081	1541
Application		Colder climate (design temperature: -2°C)								
COP _{DHW}	[]	1,66	2,16	2,36	2,34	2,33	2,02	2,12	2,02	2,15
η _{wh}	[%]	68,8%	89,6%	98,3%	98,9%	96,2%	83,7%	87,3%	83,7%	88,3%
AEC	[kWh]	1487	1142	1042	1694	1742	1223	1918	1223	1896
Application		Warmer climate (design temperature: -14°C)								
COP _{DHW}	[]	2,38	3,01	3,31	3,22	3,23	2,50	3,18	2,50	3,21
η _{wh}	[%]	99,8%	126,2%	138,6%	136,7%	133,3%	103,9%	132,0%	103,9%	133,4%
AEC	[kWh]	1025	811	738	1225	1256	985	1269	985	1256

Symbols

- COP_{DHW}
- Domestic hot water COP
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- According to EN16147.
- η_{wh}
- η_{wh} (Water heating energy efficiency)
- AEC
- Annual energy consumption [kWh]