

EPSKS-AV3

Rated data for certification programmes - heating mode

Tamb [°C]	EWC [°C]	LWC [°C]	EPSKS04ARV3 HC [kW]	COP	EPSKS06ARV3 HC [kW]	COP	EPSKS07ARV3 HC [kW]	COP	Used for:
7/6	30	35	5,25	5,17	5,25	5,17	5,25	5,17	Keymark, EHPA
2/1	(30)	35	4,57	3,88	4,57	3,88	4,57	3,88	EHPA
-7/-8	(30)	35	4,87	3,34	4,87	3,34	4,87	3,34	General
7/6	40	45	3,52	4,01	3,52	4,01	3,52	4,01	General
-2/-3	(40)	45	4,86	2,77	6,31	2,63	7,08	2,51	MCS
7/6	47	55	4,51	3,12	5,45	3,16	5,45	3,16	Keymark, EHPA

Rated data for certification programmes - cooling mode

Nominal cooling capacity

Tamb [°C]	EWE [°C]	LWE [°C]	EPSKS04ARV3 CC [kW]	EER	EPSKS06ARV3 CC [kW]	EER	EPSKS07ARV3 CC [kW]	EER	Used for:
35	23	18	6,71	4,15	6,71	4,15	6,71	4,15	General
35	12	7	5,16	3,01	5,16	3,01	5,16	3,01	DAPT General

Seasonal data - cooling

LWE 7°C

Low temperature
Application

	EPSKS04ARV3	EPSKS06ARV3	EPSKS07ARV3
Pdes [kW]	6,0	6,0	6,0
SEER [-]	4,73	4,73	4,73
ηs,c [%]	189	189	189
QCE [kWh/annum]	761	761	761

Rated data for certification programmes - domestic hot water performance

Indoor unit	EPVX*S(U/-)18AJ*	EPVX*S(U/-)23AJ*	EPSX(B/-)*P30AF	EPSX(B/-)*P50AF	Used for:
Outdoor unit	EPSKS(04/06/07)ARV3	EPSKS(04/06/07)ARV3	EPSKS(04/06/07)ARV3	EPSKS(04/06/07)ARV3	
Application	Average climate	Average climate	Average climate	Average climate	Keymark
Domestic hot water tank volume [l]	180	230	294	477	
Tapping pattern	L	L	L	XL	
Heat-up time (hh:mm:ss)	1:47:53	2:07:34	3:53:52	5:55:20	
θ _{wh} [°C]	46,96	46,82	44,77	44,01	
P _{es} [W]	28,8	28,8	29,6	37,9	
V ₄₀ [l]	204	242	144	233	
η _{wh} [%]	132,80	132,80	116,50	134,10	
COP _{DHW} []	3,32	3,32	2,91	3,35	

Symbols

HC	Heating capacity measured according to EN 14511	LWE	Leaving water evaporator temperature [°C]	
CC	Cooling capacity, measured according to - EN 14511-.	Tamb	Ambient temperature [°C DB/WB]	
COP/EER	Coefficient of Performance/Energy efficiency ratio according to EN 14511.	θ _{wh}	Reference Domestic hot water temperature [°C]	According to EN16147.
EWC	Entering water condenser temperature [°C]	P _{es}	Standby power input	According to EN16147.
LWC	Leaving water condensor temperature [°C]	V ₄₀₄₀	Equivalent domestic hot water volume [l]	According to EN16147.
EWE	Entering water evaporator temperature [°C]	η _{wh}	Efficiency [%]	According to EN16147.
		COP _{DHW}	Domestic hot water COP	