

7.1 TECHNICAL DATA SEASONAL EFFICIENCY IN COOLING (EN14825 VALUE)

[SI System]

ENERGY EFFICIENCY

SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281) Ambient refrigeration

TECS-FC-G05/K			0211	0351	0452	0552	0652	0712	0903	0953	1003	1164
Prated,c	(1)	kW	258,2	411,3	503,6	601,6	790,5	841,6	1035,0	1056,0	1201,0	1343,0
SEER	(1) (2)	-	4,88	4,63	4,64	5,20	4,70	4,74	4,59	4,42	4,50	4,33
Performance η_s	(1) (3)	%	192,0	182,0	183,0	205,0	185,0	186,0	181,0	174,0	177,0	170,0
TECS-FC-G05/K			1204									
Prated,c	(1)	kW	1416,0									
SEER	(1) (2)	-	4,37									
Performance η_s	(1) (3)	%	172,0									

TECS-FC-G05/CA			0211	0251	0351	0452	0552	0712	0803	0903	1003	
Prated,c	(1)	kW	268,1	317,1	431,0	529,3	642,5	857,3	962,2	1073,0	1233,0	
SEER	(1) (2)	-	5,02	4,94	5,04	5,17	5,22	5,13	5,18	5,01	4,90	
Performance η_s	(1) (3)	%	198,0	195,0	199,0	204,0	206,0	202,0	204,0	198,0	193,0	

TECS-FC-G05/NG/K			0211	0351	0452	0552	0652	0712	0903	0953	1003	1164
Prated,c	(1)	kW	257,7	410,2	502,5	599,9	788,6	839,7	1033,0	1054,0	1198,0	1339,0
SEER	(1) (2)	-	4,72	4,43	4,46	4,90	4,49	4,54	4,42	4,25	4,28	4,10
Performance η_s	(1) (3)	%	186,0	174,0	175,0	193,0	177,0	178,0	174,0	167,0	168,0	161,0
TECS-FC-G05/NG/K			1204									
Prated,c	(1)	kW	1412,0									
SEER	(1) (2)	-	4,12									
Performance η_s	(1) (3)	%	162,0									

TECS-FC-G05/NG/CA			0211	0251	0351	0452	0552	0712	0803	0903	1003	
Prated,c	(1)	kW	267,6	316,3	429,9	528,1	640,5	855,4	960,4	1071,0	1230,0	
SEER	(1) (2)	-	4,84	4,70	4,81	4,93	4,89	4,89	4,97	4,79	4,64	
Performance η_s	(1) (3)	%	191,0	185,0	189,0	194,0	193,0	193,0	196,0	189,0	182,0	

Notes:

(1) Parameter calculated according to [REGULATION (EU) N. 2016/2281]

(2) Seasonal energy efficiency ratio

(3) Seasonal space cooling energy efficiency

The units highlighted in this publication contain R513A [GWP₁₀₀ 631] fluorinated greenhouse gases.