

NO 626/2011 & EN 14511 and NO 206/2012 & EN 14825: 2013			
Clause	Requirement - Test	Result - Remark	Verdict

Test result of part load according to EN 14825:
Calculation of SEER in cooling mode:

Full load (Pdesignc):3500 W; Tdesignc: 35°C						
Test item	Indoor DB/WB(°C)	Outdoor DB/WB(°C)	P _{test} (W)	frequency of compressor (±3Hz)	Tested EER	Cd
A	27/19	35/-	3354.1	54Hz	3.81	0,25
B		30/-	2495.4	36Hz	5.64	0,25
C		25/-	1637.6	19Hz	10.15	0,25
D		20/-	1554.4	17Hz	13.35	0,25
P _{sb} = P _{off} =1.37 W; P _{ck} = 0W; P _{to} = 7.714 W						
Test SEER					7.82	
Declared SEER					7.8	
Test SEER≥Declared SEER					Pass	
The calculation method of SEER according to the clause 6 of EN14825:2013						
According table 1 of NO 626/2011, the result efficiency classes: A++						

Calculation of SCOP in heating mode:

Full load (Pdesignc):3500W ;Tdesignh: -10°C; Climate: Average ; Tbivalent: -7°C; TOL: -25°C						
Test item	Indoor DB(°C)	Outdoor DB/WB(°C)	P _{test} (W)	frequency of compressor (±3Hz)	Tested COP	Cd
A	20/-	-7/-8	3026.7	67Hz	3.01	0,25
B		2/1	1932.0	35Hz	4.71	0,25
C		7/6	1284.3	19Hz	5.68	0,25
D		12/11	1259.7	17Hz	7.32	0,25
F		Tbivalent	3026.7	67Hz	3.01	0.25
/		Tdesignh	2830.8	105Hz	2.83	0,25
P _{sb} = P _{off} =1.37 W; P _{ck} = 0W; P _{to} = 11.7W						
SCOP					4.62	
Declared SCOP					4.6	
SCOP≥Declared SCOP					Pass	
The calculation method of SEER according to the clause 7 of EN14825:2013						
According table 1 of NO 626/2011, the result efficiency classes: A++						