



Declaration of Energy Performances

Product: **FANCOIL**

Commercial Description	Product Code	Commercial Trade Name
NIMBUS AQUASLIM 15 WH	3301542	ARISTON
NIMBUS AQUASLIM 20 WH	3301543	ARISTON
NIMBUS AQUASLIM 25 WH	3301544	ARISTON
NIMBUS AQUASLIM 10 FS	3301545	ARISTON
NIMBUS AQUASLIM 20 FS	3301546	ARISTON
NIMBUS AQUASLIM 30 FS	3301547	ARISTON
NIMBUS AQUASLIM 40 FS	3301548	ARISTON

Ariston Thermo S.p.A. hereby declares that the above products are tested in conformity with the basic requirements of the following European Standard:

EN 1397:2016 Heat exchangers - Hydronic room fan coil units - Test procedures for establishing the performance.

The presentation of the main results is shown in the following tables:

		NIMBUS AQUASLIM 15 WH			NIMBUS AQUASLIM 20 WH			NIMBUS AQUASLIM 25 WH		
Speed		Min	Med	Max	Min	Med	Max	Min	Med	Max
PERFORMANCE IN COOLING (a)										
Sensible capacity	kW	0,4	0,78	1,01	0,56	1,04	1,44	0,7	1,3	1,99
Total capacity	kW	0,53	0,98	1,21	0,65	1,2	1,62	0,74	1,35	2,12
Power input	W	4	7	19	4	8	20	4	9	29
Pressure drop	kPa	2,8	8,4	11,2	3,2	4,6	5,1	2,8	4,4	5,3
Water Flow rate	m³/h	0,09	0,17	0,22	0,11	0,2	0,28	0,13	0,23	0,35
Class FCEER		B			B			B		
PERFORMANCE IN HEATING 45 °C (b)										
Total capacity	kW	0,61	1,12	1,51	0,85	1,51	2,03	1,08	1,95	2,62
Power input	W	4	7	19	4	8	20	4	9	29
Pressure drop	kPa	4,9	10,5	16,1	3,3	5,3	7,3	3,3	6,2	8,1
Water Flow rate	m³/h	0,1	0,19	0,27	0,15	0,26	0,36	0,19	0,34	0,46
Class FCCOP		C			B			B		
Sound Power	dB(A)	35	45	53	36	46	54	36	47	55

(a) Water temperature 7/12 °C, Air ambient temperature 27 °C d.b. e 19 °C w.b.

(b) Water temperature 45/40 °C, Air ambient temperature 20 °C.



		NIMBUS AQUASLIM 10 FS			NIMBUS AQUASLIM 20 FS			NIMBUS AQUASLIM 30 FS			NIMBUS AQUASLIM 40 FS		
Speed		Min	Med	Max	Min	Med	Max	Min	Med	Max	Min	Med	Max
PERFORMANCE IN COOLING (a)													
Sensible capacity	kW	0,41	0,55	0,73	0,59	1,07	1,72	0,83	1,51	2,11	1,02	1,84	2,71
Total capacity	kW	0,55	0,73	0,91	0,75	1,36	2,12	1,15	2,08	2,81	1,32	2,39	3,3
Power input	W	5	7	11	4	8	19	6	11	20	5	11	29
Pressure drop	kPa	5,7	10,2	12,1	1,9	4,3	8,2	2,7	9,9	17,1	2,5	8,8	18
Water Flow rate	m³/h	0,09	0,13	0,17	0,13	0,23	0,35	0,2	0,36	0,49	0,23	0,41	0,61
Class FCEER		B			B			A			A		
PERFORMANCE IN HEATING 45°C (b)													
Total capacity	kW	0,57	0,78	1,02	0,82	1,53	2,21	1,2	2,16	3,02	1,47	2,59	3,81
Power input	W	5	7	11	4	8	19	6	11	20	5	11	29
Pressure drop	kPa	2,6	6,8	9,1	1,5	4,3	9,2	2,7	9,3	19,1	3	8,9	21,2
Water Flow rate	m³/h	0,1	0,14	0,19	0,14	0,27	0,41	0,21	0,38	0,52	0,26	0,45	0,69
Class FCCOP		C			B			B			B		
Sound Power	dB(A)	33	44	51	35	45	53	36	46	54	36	47	55

(a) Water temperature 7/12 °C, Air ambient temperature 27 °C d.b. e 19 °C w.b.

(b) Water temperature 45/40 °C, Air ambient temperature 20 °C.

Note: the test reports and technical documentation are held by Ariston Thermo S.p.A. (Fabriano, AN – ITALY).

Place, Date: Fabriano, 30/06/2020

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