

# Nimbus Compact M Net R32



**Floor standing air to water monobloc heat pump for heating, cooling and water heating**

- / Eco Refrigerant R32
- / COP up to 5.1
- / Low noise levels up to 53 dB(A)
- / Power range between 1.7 to 17.7kW
- / Modern and innovative design
- / Sensys NET HD system interface and external heat regulation sensor included as standard
- / Remote management with the Ariston NET app
- / Ultra-compact indoor unit (600x600mm) with integrated 180L cylinder featuring enlarged coil
- / 12L expansion vessel as standard
- / Magnetic filter as standard
- / Heating elements as standard
- / PV function

**Install recommended:**

- / Anti-Freeze Kit - 3319687
- / Drain Pan - 3024383
- / Talk to your local Ariston Representative about further specific accessories dependent on the type of installation

\* Terms and conditions apply.  
Please go to [www.ariston.com/en-uk](http://www.ariston.com/en-uk) for more information



**SENSYS HD & EXTERNAL SENSOR AS STANDARD**

ErP energy class

Up to **A+++** 35°C

Up to **A+++** 55°C

**A+**

UP TO **10 YEARS WARRANTY**

MCS

WRAS APPROVED PRODUCT

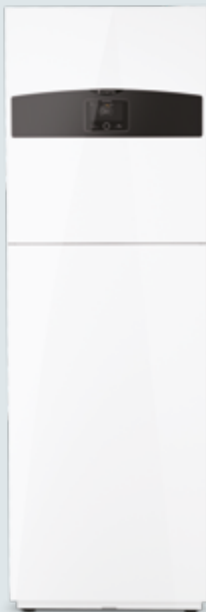
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ICIM CERTIFIED PRODUCT

ARISTON NET ENERGY EFFICIENT VOICE CONTROL HEATING COOLING HOT WATER SUPER SILENT PHOTOVOLTAIC SYSTEM INTEGRATION

## Internal unit NIMBUS FS M R32



**SENSYS HD & EXTERNAL SENSOR AS STANDARD**



Connectivity  
**Ariston NET**

TECHNICAL DATA		35	50	80	120	150
<b>PERFORMANCES IN HEATING*</b>						
Capacity at A-7 / W35 (Min./Nom./Max.)	kW	1.04 / 3.51 / 4.52	1.04 / 5 / 5.20	1.79 / 7.41 / 8.45	2.73 / 9.51 / 11.47	2.99 / 11 / 13.79
COP nom at A-7 / W35	-	3.1	2.9	3.0	3.2	3.1
Capacity at A2 / W45 (Min./Nom./Max.)	kW	1.31 / 2.55 / 5.68	1.33 / 3 / 6.33	2.3 / 4.60 / 10.21	3.37 / 6.35 / 13.01	3.43 / 7.50 / 15.99
COP nom at A2 / W45	-	3.05	3.00	3.15	3.35	3.25
Capacity at A+7 / W35 (Min./Nom./Max.)	kW	1.68 / 3.5 / 6.35	1.68 / 5 / 7.57	2.74 / 8 / 11.74	4.23 / 12 / 14.37	4.08 / 15 / 17.65
COP nom at A+7 / W35	-	5.1	5.0	4.8	4.9	4.7
Flow temperature (Min./Max.) - HHP only	°C	-20 / 35	-20 / 35	-20 / 35	-20 / 36	-20 / 37
Working temperature (air) Min./Max.	°C	20 / 60	20 / 60	20 / 60	21 / 60	22 / 60
<b>PERFORMANCES IN COOLING*</b>						
Capacity at A35 / W7 (Min./Nom./Max.)	kW	1.16 / 3.5 / 4.04	1.16 / 5 / 5.33	2.45 / 7 / 8.54	3.30 / 9.05 / 10.45	3.30 / 11 / 13.30
EER nom at A35 / W7	-	3.4	2.9	3.1	3.2	2.9
Capacity at A35 / W18 (Min./Nom./Max.)	kW	2.16 / 4.08 / 6.50	2.16 / 4.63 / 7.86	3.31 / 7 / 11.73	4.90 / 10.74 / 15.51	4.90 / 12.5 / 17.98
EER nom at A35 / W18	-	5.3	4.6	4.7	5.1	4.7
<b>PERFORMANCE IN DHW**</b>						
Tapping profile		L	L	L	L	L
Setpoint temperature	°C	53.0	53.0	52.0	51.0	51.0
Tank capacity	l	180.0	180.0	180.0	180.0	180.0
Heat-up time	h:min	01:55	01:31	01:03	00:55	00:50
Stand-by power input (Pes)	W	38.0	38.0	38.0	38.0	38.0
COP		3.1	3.1	3.1	3.1	3.1
Water volume at 40°C	l	233.0	233.0	233.0	233.0	233.0
<b>NIMBUS COMPACT NET R32</b>		<b>35</b>	<b>50</b>	<b>80</b>	<b>120</b>	<b>150</b>
ErP Energy class in heating 35°C / 55 °C		A+++/A++	A+++/A++	A+++/A++	A+++/A++	A+++/A+++
DHW energy class		A+	A+	A+	A+	A+
Tapping profile		L	L	L	L	L
CODE SINGLE PHASE				Available H2 2023		
CODE THREE PHASE				Available H2 2023		

\* Data according to EN 14511  
 \*\* Data according to EN 16147

TECHNICAL DATA		30 kW	50kW	80kW	120kW	150kW
Voltage/frequency (1-ph)	v/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Voltage/frequency (3-ph)	v/ph/Hz	-	-	400/3/50	400/3/50	400/3/50
Sound power level internal unit	dB(A)	35	35	35	35	35
Weight	kg	127	127	127	127	127
Heating element	kW	2+2	2+2	2+2	2+2+2	2+2+2
Fittings circuit heating/DHW		1"/ 3/4"M	1"/ 3/4"M	1"/ 3/4"M	1"/ 3/4"M	1"/ 3/4"M
Flow rate min/nom	l/h	480/640	650/860	1050/1400	1580/2100	1950/2600
Max absorbed power	kW	4.10	4.10	4.10	6.10	6.10
Expansion vessel capacity	l	12	12	12	12	12
Minimum water quantity	l	17.5	25	40	60	75

**LEGEND:**

- External unit
- Internal unit
- Magnetic filter
- Cylinder
- Tank probe
- DHW expansion vessel
- Safety group
- DHW 3W valve
- System interface Sensys HD
- Connectivity Light Gateway
- External probe
- Antifreeze kit
- Valves
- By-pass valve
- Heating/cooling terminal