

# Nimbus Plus M Net R32



**SENSYS HD & EXTERNAL SENSOR**  
AS STANDARD

## Air to water monobloc heat pump for heating and cooling

- / 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 (600x358mm)
- / 12L expansion vessel as standard
- / Magnetic filter as standard
- / Heating elements as standard
- / PV function
- / Bundle with Heat Pump Water Heater Nuos 250 for production of domestic hot water (optional)

### 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

ErP Energy class



UP TO



**bimobject**




## Internal unit NIMBUS WH M R32



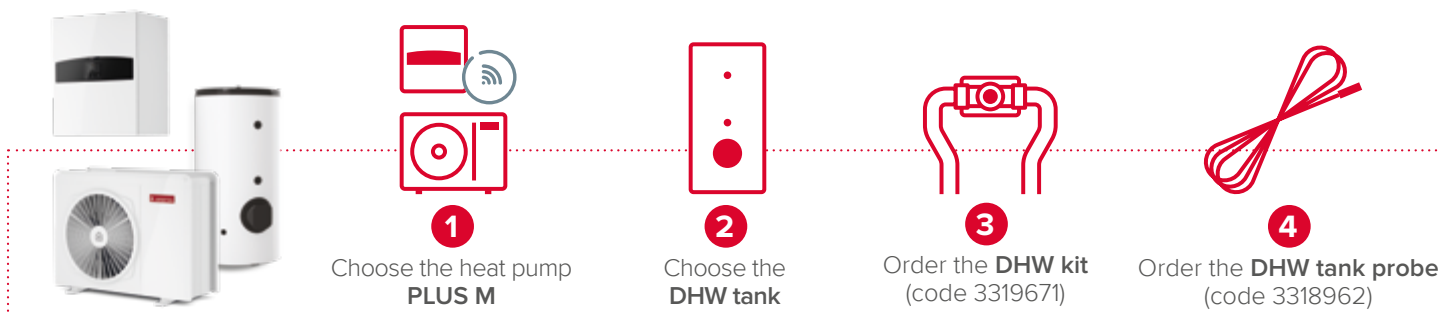
**SENSYS HD & EXTERNAL SENSOR**  
AS STANDARD



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>NIMBUS PLUS M NET R32</b>						
		35	50	80	120	150
 ErP Energy class in heating 35°C / 55°C		A+++/A++	A+++/A++	A+++/A++	A+++/A++	A+++/A+++
CODE SINGLE PHASE		3301846	3301847	3301848	3301850	3301852
CODE THREE PHASE		-	-	3301849	3301851	3301853

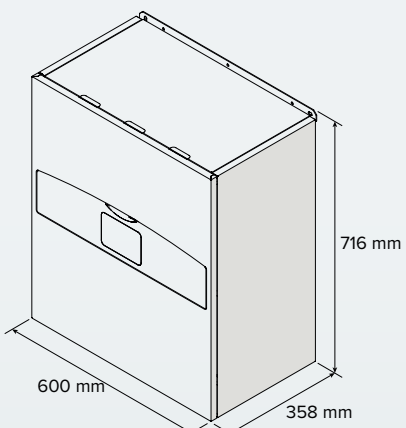
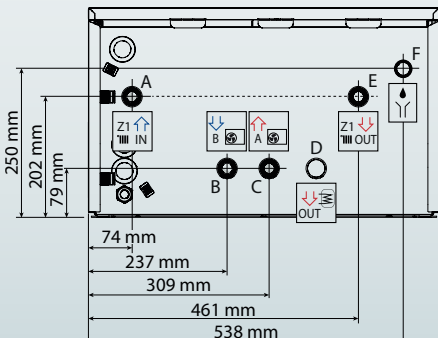
### SELECTION GUIDE FOR COMBINATION WITH SANITARY TANK



\* Data according to EN 14511

TECHNICAL DATA		35	50	80	120	150
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	29	29	29	31	31
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	4.10	4.10	4.10	6.10	6.10
Max absorbed power	kW	480/640	650/860	1050/1400	1580/2100	1950/2600
Expansion vessel capacity	l	12	12	12	12	12
Minimum water quantity	l	17.5	25	40	60	75

**LEGEND:**

- 1 / External unit
- 2 / Internal unit
- 3 / Magnetic filter
- 4 / System interface Sensys HD
- 5 / Connectivity Light Gateway
- 6 / External probe
- 7 / Antifreeze kit
- 8 / Valves
- 9 / By-pass valve
- 10 / Heating/cooling zone

