

NIMBUS 5 Pocket

Sustainable Performance

- / Up to A+++ in high-temperature applications
- / R290 gas refrigerant
- / Cop up to 5.1

Solutions for All

- / Integration with existing radiators
- / System integration with Bus BridgeNet®
- / Photovoltaic integration

Designed for Professionals

- / Possible indoor and outdoor installation
- / Straps passage*
- / Grip recesses*
- / L-shaped panel*
- / Lever terminal blocks*
- / SET+ function for easy commissioning
- / Ariston NET pro for easy maintenance

Easy Comfort

- / Quiet operation with three adjustable low noise levels
- / Up to 40% space saving*
- / Ariston NET app for remote control and assistance

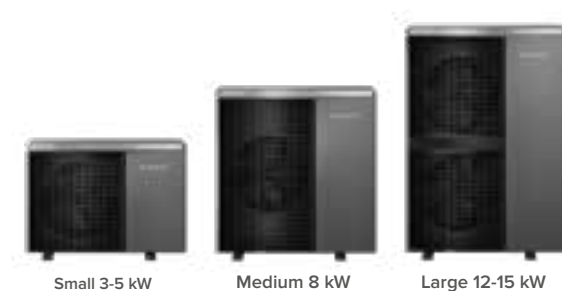
Extra safety

- / Anti-freeze kit included*
- / Magnetic filter included
- / Drain pan included
- / Y filter*
- / Manual deaerator

Energy class



MODEL	NOMINAL CAPACITY	POWER SUPPLY
NIMBUS 5 POCKET 30 M R290	3 kW	1ph
NIMBUS 5 POCKET 50 M R290	5 kW	1ph
NIMBUS 5 POCKET 80 M R290	8 kW	1ph
NIMBUS 5 POCKET 80 M-T R290	8 kW	3ph
NIMBUS 5 POCKET 120 M R290	12 kW	1ph
NIMBUS 5 POCKET 120 M-T R290	12 kW	3ph
NIMBUS 5 POCKET 150 M R290	15 kW	1ph
NIMBUS 5 POCKET 150 M-T R290	15 kW	3ph



* ODU



R290
REFRIGERANT



ENERGY
CLASS



SYSTEM
MANAGEMENT



PHOTOVOLTAIC
SYSTEM
INTEGRATION



SIMPLIFIED
TRANSPORT



LEVER TERMINAL
BLOCK



FOR EASY
COMMISSIONING



SUPER SILENT



ARISTON NET



ANTI FREEZE
KIT INCLUDED

NIMBUS 5 Pocket



NIMBUS 5 POCKET R290		30 M	50 M	80 M	80 M-T	120 M	120 M-T	150 M	150 M-T
BUNDLE CODES		4147111	4147112	4147113	4147114	4147115	4147116	4147117	4147118
HEATING PERFORMANCE	CAPACITY A-7/W35 (MIN/NOM/MAX) *	0.82/2.50/3.14	1.06/5.00/5.53	1.63/7.00/7.92	1.63/7.00/7.92	2.20/9.00/11.0	2.20/9.00/11.0	2.19/11.0/12.43	2.19/11.0/12.43
	COP NOM A-7/W35 *	2.41/3.10/3.25	2.53/3.00/2.98	3.21/3.00/2.92	3.21/3.00/2.92	2.99/3.00/2.84	2.99/3.00/2.84	2.97/2.80/2.73	2.97/2.80/2.73
	CAPACITY A+7/W35 (MIN/NOM/MAX)	1.21/3.00/3.73	1.63/5.00/7.37	2.37/8.00/11.08	2.37/8.00/11.08	3.33/12.0/14.08	3.33/12.0/14.08	3.39/15.0/16.81	3.39/15.0/16.81
	COP NOM A+7/W35 *	4.82/5.10/4.10	4.97/5.00/4.39	5.48/4.80/4.39	5.48/4.80/4.39	5.00/4.80/4.33	5.00/4.80/4.33	4.81/4.30/4.03	4.81/4.30/4.03
	CAPACITY A+2/W45 (MIN/NOM/MAX) *	1.02/1.90/3.78	1.31/3.10/6.69	1.99/4.60/9.89	1.99/4.60/9.89	2.72/6.40/13.11	2.72/6.40/13.11	2.70/7.50/15.09	2.70/7.50/15.09
	COP NOM A+7/W45 *	3.29/3.20/3.20	3.17/3.10/3.13	3.79/3.15/3.12	3.79/3.15/3.12	3.43/3.40/2.99	3.43/3.40/2.99	3.24/3.25/2.87	3.24/3.25/2.87
	CAPACITY A+7/W55 (MIN/NOM/MAX) *	1.12/2.20/3.94	1.42/3.80/6.45	2.17/5.80/9.85	2.17/5.80/9.85	3.00/7.70/12.44	3.00/7.70/12.44	2.98/9.50/15.19	2.98/9.50/15.19
	COP NOM A+7/W55 *	2.94/3.10/3.10	3.02/3.00/2.94	3.41/3.00/2.88	3.41/3.00/2.88	3.13/3.20/2.83	3.13/3.20/2.83	2.98/3.15/2.71	2.98/3.15/2.71
COOLING PERFORMANCE	WORKING TEMPERATURE (AIR) MIN/MAX	(°C)	-25/35	-25/35	-25/35	-25/35	-25/35	-25/35	-25/35
	FLOW TEMPERATURE (MIN/MAX) - HHP ONLY	(°C)	0/75	0/75	0/75	0/75	0/75	0/75	0/75
	CAPACITY A35/W7 (MIN/NOM/MAX) *		1.07/3.00/3.70	1.29/5.00/5.50	1.82/7.00/8.15	1.82/7.00/8.15	2.73/9.10/9.68	2.73/9.10/9.68	2.73/11.00/11.01
	EER NOM A35/W7 *		3.75/3.52/3.38	3.67/3.23/3.29	3.31/3.39/3.06	3.31/3.39/3.06	3.74/3.53/3.14	3.74/3.53/3.14	3.74/3.21/2.97
	CAPACITY A35/W18 (MIN/NOM/MAX) *		1.46/3.00/4.40	1.89/5.00/7.75	2.58/7.00/11.37	2.58/7.00/11.37	3.68/10.80/13.79	3.68/10.80/13.79	3.68/12.20/15.57
	EER NOM A35/W18 *		5.31/5.23/3.84	5.32/4.66/4.31	4.56/5.12/3.99	4.56/5.12/3.99	4.97/5.14/4.12	4.97/5.14/4.12	4.97/4.71/3.81
	FLOW TEMPERATURE (MIN/MAX)	(°C)	0/75	0/75	0/75	0/75	0/75	0/75	0/75
	WORKING TEMPERATURE (AIR) MIN/MAX	(°C)	10/43	10/43	10/43	10/43	10/43	10/43	10/43
ERP DATA	ENERGY CLASS - HEATING 35°C/55°C	(°C)	A+++/A+++	A+++/A++	A+++/A++	A+++/A++	A+++/A+++	A+++/A+++	A+++/A+++
	SEASONAL EFFICIENCY (AVERAGE CLIMATE, HT)		3.83	3.67	3.58	3.58	3.87	3.87	3.86
	SEASONAL EFFICIENCY (AVERAGE CLIMATE, LT)		4.91	4.82	4.59	4.59	4.86	4.86	4.67
	ANNUAL ENERGY CONSUMPTION (HT) kWh	kWh	1523	3184	4440	4440	5022	5022	6195
	SOUND POWER OUTDOOR UNIT	dB(A)	52	54	56	56	57	57	57

*Data according to EN 14511

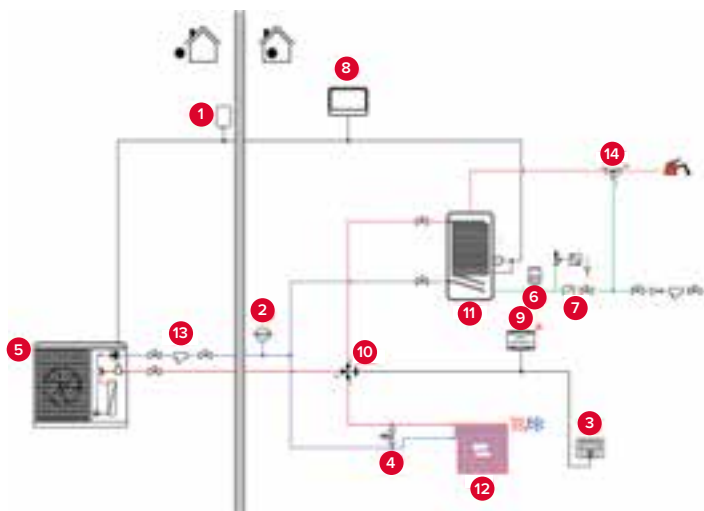
NIMBUS 5 Pocket Indoor Unit

NEW**Technical components included:**

- HMI
- System control electric board

▲ Designed for indoor and outdoor installation

NIMBUS 5 POCKET R290		30 M	50 M	80 M	80 M-T	120 M	120 M-T	150 M	150 M-T
INDOOR UNIT									
WEIGHT	(KG)	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
VOLTAGE/PHASE/FREQUENCY	(V-ph-Hz)	230/1/50	230/1/50	230/1/50	400/3/50	230/1/50	400/3/50	230/1/50	400/3/50

**Pos. Description**

- 1 EXTERNAL PROBE
- 2 EXPANSION VESSEL - HEATING
- 3 SYSTEM INTERFACE
- 4 BY-PASS VALVE
- 5 PCMS - EXTERNAL UNIT HHP - MONOBLOC 1-PH OR 3-PH
- 6 EXPANSION VESSEL - DHW
- 7 SAFETY GROUP

Pos. Description

- 8 PCMS5 - LIGHTBOX
- 9 LIGHT GATEWAY
- 10 HEATING-DHW 3-WAY VALVE
- 11 DHW TANK HHP 1-COIL WITH T PROBE AND ANODE
- 12 UNDER FLOOR HEATING-COOLING
- 13 Y-FILTER PCMS5 (supplied with product)
- 14 THERMOSTATIC MIXING VALVE

NIMBUS 5 Outdoor units



Small 3-5 kW

Medium 8 kW

Large 12-15 kW

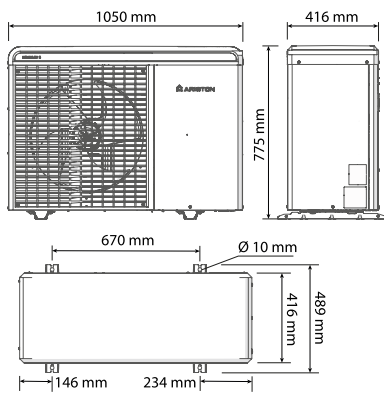
NIMBUS 5 R290		30 M EXT R290	50 M EXT R290	80 M EXT R290	80 M-T EXT R290	120 M EXT R290	120 M-T EXT R290	150 M EXT R290	150 M-T EXT R290
OUTDOOR UNIT									
WEIGHT	(KG)	66	77	101	113	125	139	125	139
REFRIGERANT TYPE		R290	R290	R290	R290	R290	R290	R290	R290
STANDARD CHARGE	(g)	380	660	890	890	1410	1410	1410	1410
GWP		0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
CO2 EQUIVALENT	(t)	~ 0	~ 0	~ 0	~ 0	~ 0	~ 0	~ 0	~ 0
VOLTAGE/PHASE/FREQUENCY		230-1-50	230-1-50	230-1-50	400-3-50	230-1-50	400-3-50	230-1-50	400-3-50
MAXIMUM ABSORBED CURRENT	(A)	8.3	14.78	22.66	10.4	31.53	13.89	36.6	15.45
MAXIMUM ABSORBED POWER	(kW)	1.71	3.05	5.17	5.55	6.42	7.19	7.51	8.0



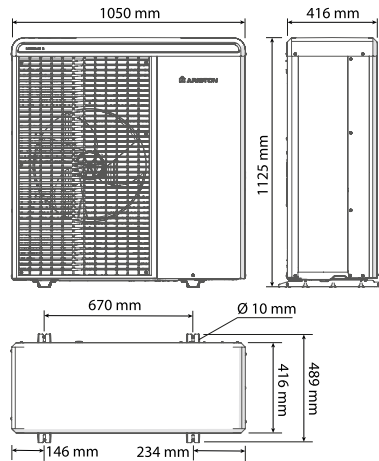
Technical components included:

- 1 Gas/water plate heat exchanger
- 2 Safety depropanizer
- 3 Safety Pressure Valve
- 4 Water circulation pump
- 5 Flow-meter
- 6 Anti-freeze kit

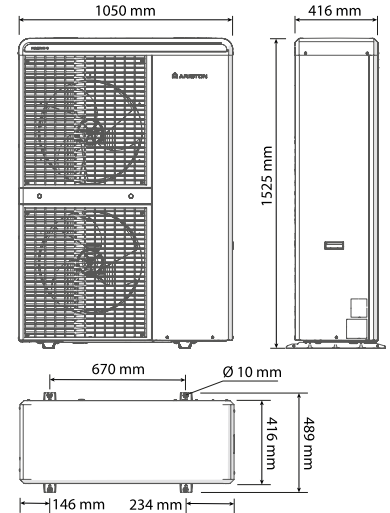
30 M / 50 M



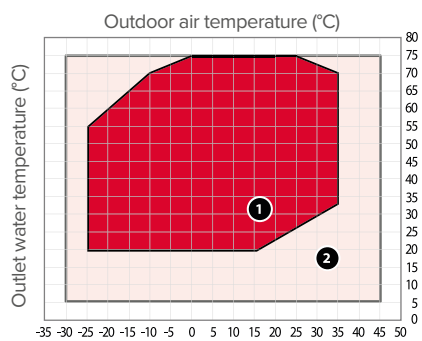
80 M & M-T



120 M & M-T / 150 M & M-T

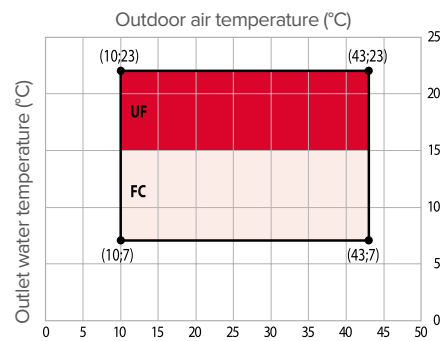


Operating limits for space heating



- 1 Full operation without restrictions
- 2 Operation with variable capacity management and integrated electric back-up heating to extend the operating range

Operating limits for cooling



- UF: underfloor heating
- FC: fan coil unit