

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 Outdoor units



Small 3-5 kW

Medium 8 kW

Large 12-15 kW

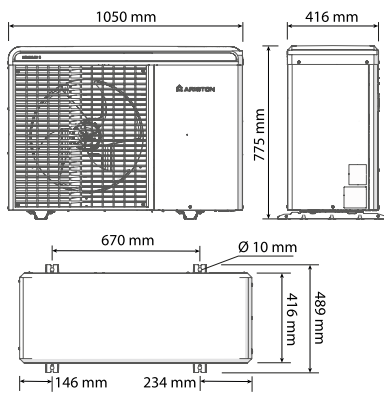
NIMBUS 5 R290		30 M EXT R290	50 M EXT R290	80 M EXT R290	80 M-T EXT R290	120 M EXT R290	120 M-T EXT R290	150 M EXT R290	150 M-T EXT R290
OUTDOOR UNIT									
WEIGHT	(KG)	66	77	101	113	125	139	125	139
REFRIGERANT TYPE		R290	R290	R290	R290	R290	R290	R290	R290
STANDARD CHARGE	(g)	380	660	890	890	1410	1410	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



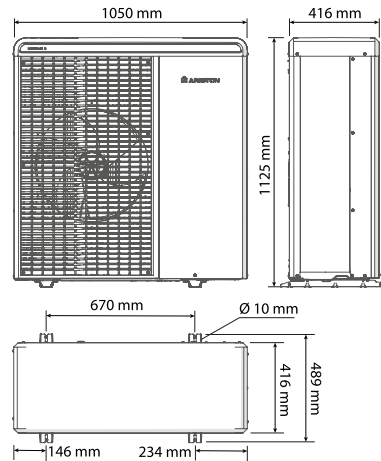
Technical components included:

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

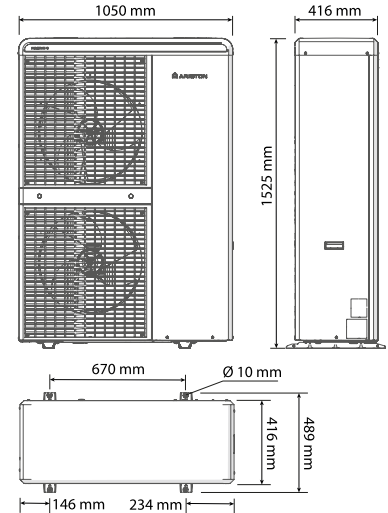
30 M / 50 M



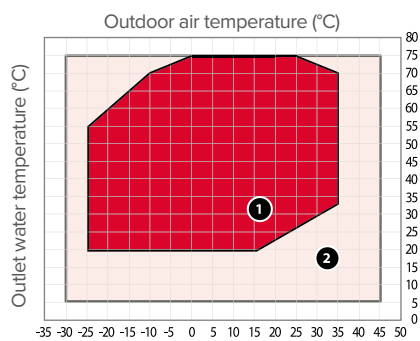
80 M & M-T



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

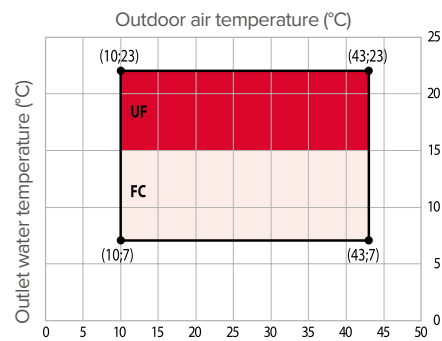


Operating limits for space heating



- 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