

MAXAIR
FILTRATION

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**REFRIGERATED COMPRESSED
AIR DRYER**

Technical Specification

Technical information below refer to:

Nominal operating condition: Inlet pressure 7 barg, inlet temperature 80°C, ambient temperature 35°C.

Max. operating condition: Ambient 45°C, inlet air temperature 90°C, inlet pressure 14 barg

- Environmental friendly gas R134a / R407c
- High Efficiency moisture separator
- Low pressure drop
- Consistent dew point
- Low power consumption



Model	Pipe size	Refrig.	Flow Rate		Power Supply	Dimensions [mm]			Weight [kg]
			[m ³ /min]	[scfm]		H	W	D	
ND-20GF	G 1" BSP-M	R134a	2.8	99	220/1/50	915	430	700	75
ND-30GF	G 1" BSP-M	R134a	3.6	127	220/1/50	915	430	700	80
ND-50GF	G 1 ½" BSP-M	R134a	7.2	254	220/1/50	1110	550	850	135
ND-75GF	G 2" BSP-M	R407C	10.8	381	380/3/50	1190	600	1070	182
ND-100GF	G 2" BSP-M	R407C	15.0	530	380/3/50	1190	600	1070	230
ND-125GF	G 2 ½" BSP-M	R407C	17.5	618	380/3/50	1350	650	1400	310
ND-150GF	DN80-PN16	R407C	23.0	812	380/3/50	1820	900	1450	475
ND-175GF	DN80-PN16	R407C	27.0	954	380/3/50	1820	900	1450	486
ND-200GF	DN80-PN16	R407C	30.0	1,060	380/3/50	1830	900	1800	570
ND-250GF	DN100-PN16	R407C	36.0	1,272	380/3/50	1830	900	1800	585
ND-350GF	DN100-PN16	R407C	45.0	1,589	380/3/50	2005	900	2400	860

CORRECTION FACTOR FOR OPERATING PRESSURE CHANGE									
Inlet Air Pressure (barg)	4	5	6	7	8	9	10	12	14
Factor	0.75	0.82	0.93	1.00	1.04	1.08	1.12	1.20	1.25

CORRECTION FACTOR FOR AMBIENT TEMPERATURE CHANGE							
Ambient Temperature (°C)	32	35	38	40	43	45	
Factor	1.08	1.00	0.96	0.90	0.86	0.80	

CORRECTION FACTOR FOR INLET AIR TEMPERATURE CHANGE			
Inlet Air Temperature (°C)	<70	80	90
Factor	1.10	1.00	0.90

CORRECTION FACTOR FOR DEWPOINT CHANGE			
Dewpoint (°C)	3	5	10
Factor	1.00	1.05	1.10

Maxair Filtration reserves the right to alter any specification and technical data without prior notice.