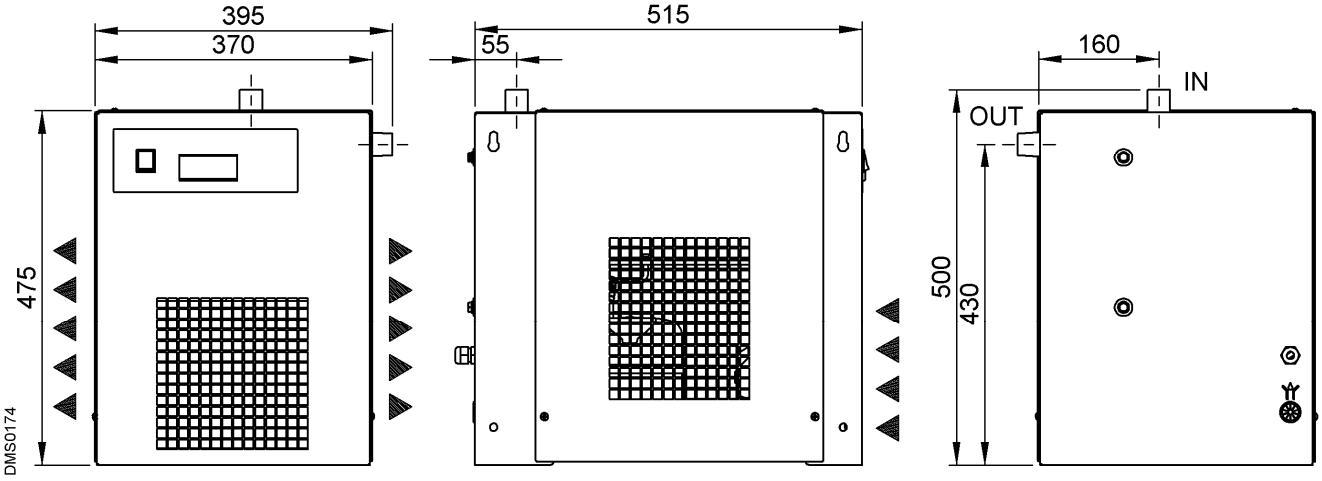
REFRIGERATED AIR DRYER
model AMD 18 - Air Cooled

EURO JUN 08
1/230/50-60



Air flow at nominal condition [1]	1800 l/min - 108 m³/h - 64 Scfm
Pressure DewPoint at nominal condition [1]	5 °C
Nominal ambient temperature	25 °C
Max. ambient temperature	45 °C
Min. ambient temperature	1 °C
Nominal inlet air temperature	35 °C
Max. inlet air temperature	55 °C
Nominal inlet air pressure	7 barg
Max. inlet air pressure	16 barg
Max. outlet air pressure drop - Δp	0.32 bar
Inlet-outlet air connection	G 1/2" BSP – F
Refrigerant type and quantity	R134.a – 0.30 kg
Cooling air flow	300 m³/h
Power supply	1/230V/50Hz, 1/230V/60Hz
Nominal electric consumption at 50Hz (60Hz)	290 [330]W – 1.9 [2.0]A
Max. electric consumption at 50Hz (60Hz)	390 [460]W – 2.2 [2.5]A
Max. noise level at 1m	< 70 dbA
Weight net - gross	32 – 34 kg

[1] The nominal condition refers to an ambient temperature of +25°C with inlet air at 7barg and 35°C.

Correction factor for operating pressure changes :										
Inlet air pressure barg	4	5	6	7	8	10	12	14	15	16
Correction factor	0.77	0.86	0.93	1.00	1.05	1.14	1.21	1.27	1.30	1.33

Correction factor for ambient temperature changes :					
Ambient temperature ºC	25	30	35	40	45
Correction factor	1.00	0.98	0.95	0.88	0.80

Correction factor for inlet air temperature changes :						
Air temperature ºC	30	35	40	45	50	55
Correction factor	1.15	1.00	0.84	0.71	0.59	0.50

Correction factor for DewPoint changes :				
DewPoint ºC	3	5	7	10
Correction factor	0.91	1.00	1.10	1.26

FRIULAIR S.r.l. - 33050 CERVIGNANO DEL FRIULI (UD) - ITALY - Via Cisis, 36 – Fraz. Strassoldo
Tel. +39.0431.939416 r.a. - Fax +39.0431.939419 - E-MAIL com@friulair.com