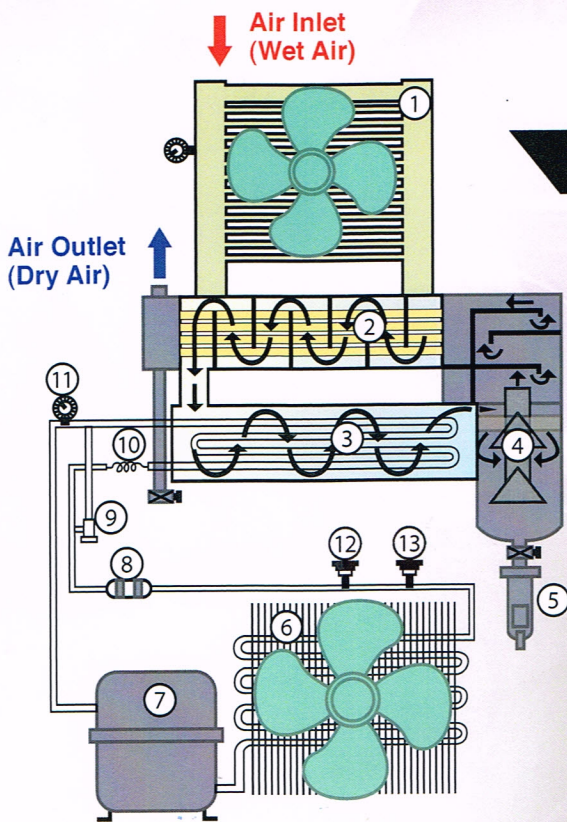


High-Inlet Temperature Refrigerated AIR DRYER



AC SERIES
Suitable For
Tropical Climate

FLOW DIAGRAM & HOW IT WORKS



1. After Cooler (Air Cooled)
2. Pre-Cooler / Re-Heater
3. Evaporator
4. Moisture Separator
5. Condensate Auto Drain
6. Condenser Unit
7. Freon Compressor
8. Filter Drier
9. Hot Gas By-Pass Valve
10. Expansion Valve
11. Low Pressure Switch
12. High Pressure Switch
13. Fan Pressure Switch

TECHNICAL PARAMETERS OF AIR-COOLED TYPES

MODEL	Inlet Capacity (m3/min)	Electrical Supply	Design	Connection (Inches)	L* W* H* (mm)	KG
AC-10	1.2	240V/1/50Hz	Sell - Tube Heat Exchanger	G1"	630x500x780	60
AC-15	2.0	240V/1/50Hz		G1"	740x500x780	70
AC-20	2.5	240V/1/50Hz		G1"	740x500x780	70
AC-30	3.8	240V/1/50Hz		G1½"	700x560x1180	120
AC-50	6.8	240V/1/50Hz		G1½"	700x700x1380	140
AC-75	10	240V/1/50Hz		G2"	880x750x1500	260
AC-100	13	415V/3/50Hz		G2"	880x880x1500	330
AC-150	18	415V/3/50Hz		DN80	1130x950x1680	400
AC-200	25	415V/3/50Hz		DN80	1130x1080x1680	500

Data refer to the normal condition: Inlet Temperature 80°C, Ambient Temperature 38°C & Inlet Pressure 7 barg @ Pressure Dew Point +3°C

Max Inlet Temperature: 90°C, Max Inlet Pressure: 16 barg, Max Ambient Temperature: 45°C

Refrigerant: R407C (Standard), AC30 - AC200 (with built in after cooler)

Capacity Correction Factors

Inlet Air Pressure (barG)

barG	4	5	6	7	8	9	10	13	16
Factor	0.75	0.84	0.92	1.00	1.03	1.07	1.09	1.18	1.23

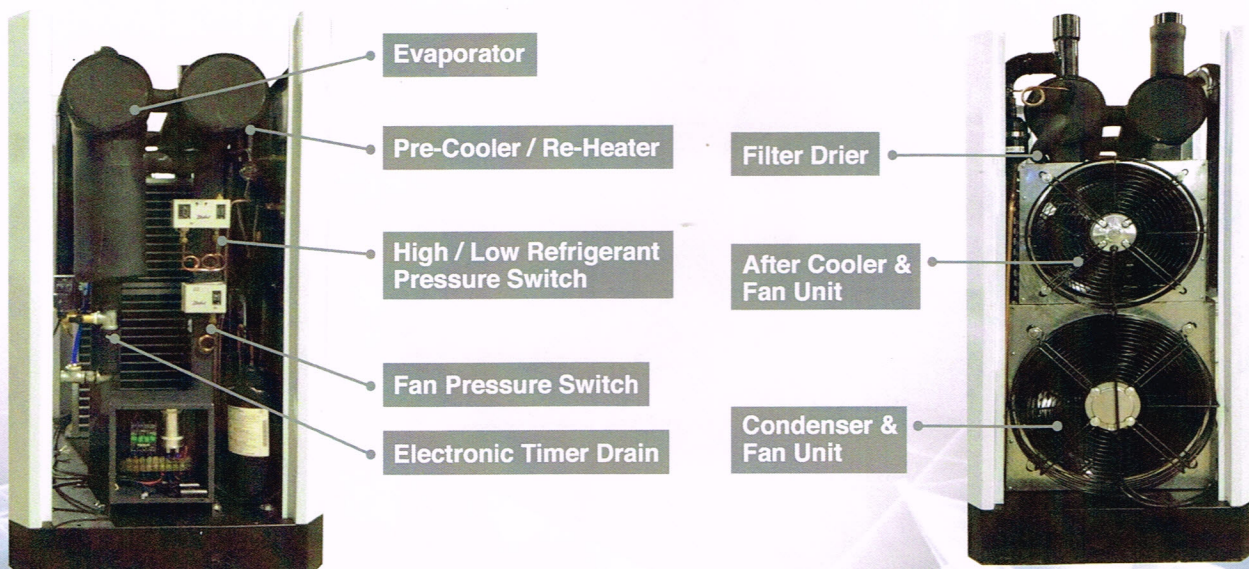
Inlet Air Temperature (°C)

°C	50	55	60	65	70	75
Factor	1.15	1.08	1.00	0.83	0.70	0.60

Ambient Air Temperature (°C)

°C	25	30	35	40	43	50
Factor	1.20	1.06	1.00	0.75	0.60	0.45

••• DESIGN ASSEMBLY & FEATURES •••



Authorised Dealer: