

Compressed Air Treatment Products

ABAC Refrigerated Air Dryers

Clean, dry air and why you need it.

Compressed air leaving the air compressor is seldom of a quality suitable for the intended use. This is due to several factors:

- ◆ Atmospheric air, especially in an industrial environment, contains particulate matter, moisture and hydrocarbons, which are not removed by the compressor's inlet filter.
- ◆ The air compressor itself will contribute contaminants in the form of wear particles, compressor oil carry-over, and rust from the tank.
- ◆ Cooling, after the air is compressed, results in condensation. This moisture has a harmful effect on pneumatic equipment and manufacturing processes.

So by fitting a refrigerated air dryer and filters to the air system, the correct grade of air quality is supplied to equipment and processes downstream of the compressor and the result is improved production efficiency and product quality. This will save money by reducing reworking and the downtime of equipment.



Dryer features:

- ◆ Remove water contamination from your air system
- ◆ Timer drain ensures effective purging of condensate
- ◆ Simple low maintenance technology
- ◆ Easy to install
- ◆ Compact design does not require much space
- ◆ Low power consumption
- ◆ Dew point indicator to check operation
- ◆ Increased final product quality
- ◆ Increased productivity
- ◆ 12 month warranty



Filter features:

- ◆ Unique head design reduces pressure drop
- ◆ Ribbed bowl allows firm grip for dismantling, to access the element
- ◆ Corrosion free housing due to anodised die cast aluminium
- ◆ Sight glass for monitoring of condensate
- ◆ High performance auto drains
- ◆ A venting hole will give an audible alarm if filter is dismantled under pressure

Dryer Selection:

Dryer Model	Drying Capacity CMF	L/min	Connection	Pre filter	Post filter	Dryer dimensions	Weight	Suits air compressor:
Cool 21	12.4	350	1/2" BSP	G54	C54	233 x 559 x 561	19kg	up to 3HP
Cool 36	21.2	600	1/2" BSP	G54	C54	233 x 559 x 561	19kg	4HP to 7.5HP
Cool 72	42.4	1,200	1/2" BSP	G85	C85	233 x 559 x 561	20kg	7.5HP to 10HP
Cool 110	64.4	1,825	1/2" BSP	G119	C119	233 x 559 x 561	25kg	15HP

Note: Treatment of compressed air is regemented by recognised international standards. ISO 8573.1 describes levels of air purity in detail, but to keep things simple we have made the assumption that most commercial applications would require dry air with final filtration of 0.01 micron (particle and oil removal) and the 0.1 micron pre filter has been selected to prolong the life of the dryer and post filter element. Air compressor matching is based on McMillan high capacity tank mounted air compressors.

Made in Italy. All dryer models above are suitable for 240V/1/50 power supply and are fully charged with R134a compliant refrigerant gas.

Specifications/configuration may change at any time without notice.
Note: Filtration is required for all refrigerated dryer systems to retain warranty.

