

adsorption dryer



The oil-less JUN-AIR compressors are available with an adsorption dryer. The dryer is designed for continuous operation, ensuring a constant supply of clean, dry air. The level of moisture left in the compressed air is described as the pressure dew point (PDP). This is the point at which moisture would condense if the compressed air temperature was to fall below the level stated. When fitted with a dryer, the oil-less compressors provide a pressure dew point as low as -40°C . Bacteria become inactive at a pressure dew point below -23°C and may subsequently be removed. The risk of corrosion is eliminated at -30°C .

The range of dryers includes three sizes. JUN-AIR compressors designated with a "D" followed by a letter in the model description (e.g. 2000-40MD2) is fitted with an adsorption dryer. The figure after "D" refers to the size of the dryer.



JUN-AIR filters			Mikron			
0.001	0.01	0.42	0.1	1	10	100
		Tobacco smoke				Dust
		Coal dust				Fly ash
		Combustion gas				Pollens
						Pigments
						Alkali fume
						Insecticide dusts
						Metallurgical dusts and fumes
						Aerosol
						Sea fog
						Virus
						Bacteria
						Spores

Parameters of filtration of pollution elements.
Size in microns (μm)



Dryer type	Compressor model	Pressure dew point @ 7 barg
D2	OF302	-40°C
D2	OF1201	-40°C
D2	1000	-40°C
D2	2000	-30°C
D3	OF1202	-40°C
D3	4000	-30°C
D6	2xOF1202	-40°C
D6	6000	-40°C

Purge loss: 20%.

JUN-AIR®

E-mail: info@jun-air.dk
Internet: www.jun-air.com