

# firstAir COMPRESSED AIR DRYER MKE

for high quality compressed air

Using clean, dry air is extremely important for all kinds of air powered applications. Moisture or contamination in the air which will come from the standard compressor outlet will cause complicated system errors. These complications will decrease productivity and may affect the production quality of final products.

firstAir dryers are highly reliable, efficient, have small space demands and offer low cost ownership. The refrigeration dryers are suitable for the smallest installation spaces. Having two filters integrated into the dryer frame offers a huge advantage to the service technicians and end users. The integrated filters save labor time, piping cost and space at the facilities where the dryer is used.

## ADVANTAGES

- Low pressure drop saves compressor power
- Quick start and reaction time provides additional production time
- Every dryer is specially designed according to its flow with the right components to consume lowest energy
- The highly energy-efficient R134a refrigerant is a standard across all models
- A state of the art heat exchanger provides the highest cost saving in the industry
- Pressure switches control the condenser's fan motor for saving energy and letting the system operate at desired conditions



## TECHNICAL DATA

MKE		23	38	53	100	155	210	305	375	495	623	930	1200
F.A.D.*	m <sup>3</sup> /min / m <sup>3</sup> /h	0.38 / 23	0.63 / 38	0.88 / 53	1.67 / 100	2.58 / 155	3.50 / 210	5.08 / 305	6.25 / 375	8.25 / 495	10.38 / 623	15.5 / 930	20 / 1200
Voltage/Frequency**	V / Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Installed Power	kW	0.35	0.35	0.39	0.40	0.66	0.85	1.11	1.29	1.23	1.32	2.01	2.59
Compressed air connection	R"	1/2"	1/2"	1/2"	3/4"	3/4"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"

Subject to technical modifications. Errors and omissions excepted!

\* Max rated air flow, 35°C Inlet, 7 bar, 25°C ambient temperature (m<sup>3</sup>/h), dew point 5°C

\*\* Option 220/1/60: without surcharge, Ambient temp.: max. +50°C - min. +5°C, Inlet temp.: max. +60°C, Working pressure: max. 16 bar(g)