

SANPAR XERION DEHUMIDIFIER

Working Principle of SANPAR Dehumidifier.

SANPAR Xerion series of dehumidifiers work in accordance with the refrigeration principle. A fan draws the atmospheric humid air into the dehumidifier and through an evaporator coil. While passing through the evaporator the air is cooled down to below its dew point temperature, and its content of water vapour is condensed into water, which gets collected in the water tank. Condensed water is pumped out or drained off by gravity.

SALIENT FEATURES OF XERION SERIES

- ❑ Capable of maintaining RH of $\pm 5\%$
- ❑ Designed to operate for 24/7
- ❑ Fully automatic with built-in hygrostat
- ❑ Runs at low noise decibels
- ❑ Compact and low floor space



INDUSTRIAL AND COMMERCIAL APPLICATIONS WHICH REQUIRE RH CONTROL

Clean Room	Electrical	Food Processing	Grains and Pulses Storage
Hospitals	Laboratories	Leather	Libraries
Metal Industry	Military	Pharmaceutical	Photography
Plastic Industry	Pulp and Paper Warehousing	Semi-conductors	Testing Equipments
Wood Processing			



MAKING OF XERION SERIES

- ❑ Drain outlet for connection to a water hose
- ❑ Wheels and a carrying handle
- ❑ Hermetically sealed compressor
- ❑ Axial fan with high conformance to ErP 2015 norms
- ❑ Cabinet made of CRCA sheet.
- ❑ **Optional:** condensate pump with level sensor for automatic discharge of condensate.
- ❑ **SANPAR** caters to custom build made-to-offer requirements


STANDARD TECHNICAL SPECIFICATION OF XERION SERIES

MODEL: IAC-DH-2KR1


Type	Refrigeration Based
Flow Rate	765 cfm
Refrigerant	R134a
Rh	45 ± 5 %
Noise level	<70 dBA
Operating Temperature	15 - 45 °C
Electrical	230v/1pH/50Hz
Dimensions	830mm (h) x 520mm (w) x 430mm (d)

SANPAR INDUSTRIES PVT. LTD. **SANPAR MICROFILTERS PVT. LTD.**

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