



PARKER OMNIX SERIES

DESICCANT TYPE HEATLESS AIR DRYER

Parker Hannifin India Pvt Ltd

PHIPL/DOC/016 ,Version 1 ,Edition : 10/25



ENGINEERING YOUR SUCCESS.

INTRODUCTION

Our Heatless Dryer uses premium-grade desiccant to remove even the last traces of moisture, delivering dew points as low as (-40°C) . With its simple yet powerful design, it operates without heaters or blowers, ensuring low operating costs and easy maintenance. Engineered for continuous 24/7 operation, it guarantees uninterrupted supply for your critical processes. Compact in footprint yet heavy-duty in performance, it's built to withstand tough industrial conditions. From pharmaceuticals to food processing, from electronics to manufacturing, this dryer meets the highest air quality standards.

When air quality can't be compromised, this is the dryer you can trust.

Experience pure, dry, and reliable compressed air—anytime, anywhere.

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Made in India, For India –

This dryer is designed and built to perform flawlessly in Indian operating conditions, addressing the challenges of varying low to high tropical ambient temperatures, humidity, and inlet air quality. Every unit reflects Parker commitment to self-reliance, durability, and national pride, offering Indian industries a world-class solution tailored to their needs.

Advantages

- **Dew Point Demand System for Purge Air Savings**
Automatically adjusts regeneration cycles based on actual dew point, reducing purge air consumption and significantly lowering operating costs.
- **High-Performance Double Offset Butterfly Valve**
Industrial-grade valve design ensures tight sealing, smooth operation, and long service life, even under demanding operating conditions.
- **Advanced PLC with HMI Interface**
Offers intuitive operation, real-time monitoring, and easy parameter adjustments for precise process control.
- **Integrated Dew Point Analyzer**
Continuously monitors outlet dew point for performance verification and predictive maintenance planning.

- **Low Pressure Drop Design**
Minimizes compressor load, leading to lower energy consumption and reduced operational costs.
- **Lowest Power Consumption (< 100 watis per hour)**
Energy-optimized components and smart controls work together to achieve maximum efficiency with the lowest possible power usage.

Ultra-Low Dew Point Performance

Delivers pressure dew points as low as (-)40°C, ensuring moisture-free compressed air for critical applications such as instrumentation, painting, pharmaceuticals, and electronics.

Fast Response to Load Changes
Quickly adapts to varying air demands, ensuring stable dew point across different operating conditions.

Wide Application Range
Suitable for industries such as oil & gas, chemical processing, food & beverage, and manufacturing — especially where extremely dry air is critical.

MODEL: PO (Omnix Series)

MODEL	CAPACITY
PO 100	1000 CFM
PO 150	1500 CFM
PO 200	2000 CFM

RATED CONDITIONS:

Working pressure: 7 Bar(g)

Air Inlet Temperature: 50°C

Pressure Dew Point: As low as (-)40°C

***Beyond 2000 cfm available on request**

Dimensions and Weight:

SERIES	MODEL	DIMENSIONS			WEIGHT
		LENGTH	WIDTH	HEIGHT	KGS
		MM	MM	MM	
PO	PO 100	2400	1020	2100	2100
	PO 150	2550	1120	2430	2650
	PO 200	2900	1300	2630	3350

Parker Hannifin India Pvt Ltd

CONTACT US

Parker Hannifin India Pvt Ltd

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MANUFACTURING LOCATIONS

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NAGPUR

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CHENNAI

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BENGALURU

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PUNE

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