

# Air Dryer Supplier, Inc.

## CATR SERIES

CATR Series of Rental Heatless Desiccant Air Dryers Are Rugged, Reliable and Engineered for the Rental Market

### APPLICATIONS

Power Generation

Food & Beverage

Refineries

Chemical Plants

Pipeline

Construction

Process Air

Electronics

Automotive

Pulp & Paper

Drilling

Sandblasting



Designed for the rugged demands of the rental industry. Air Dryer Supplier, Inc. CATR Series, delivers clean, dry air, all in one complete, reliable package. Skid package includes an air cooled after cooler, bulk moisture separator, coarse pre filter, fine pre filter, heatless regenerative desiccant dryer and particulate after filter.

### PRODUCT FEATURES:

- Rugged design for indoor and outdoor installations
- Dryer mounted on draggable skid for field applications
- Complete seal welds to reduce rust points
- Solid state controller in NEMA 4X enclosure
- Standard design pressure is 200 psi
- Patented top load filters for quick and easy maintenance
- Xylon coated bolts for the very best in corrosion protection
- Complete unit sand blasted to SSPC6
- Carboline paint system for highest corrosion protection
- Full flow safety relief valves with top blow off for personnel protection
- Large capacity oil lubricator (64 oz.) with tamper free internal setting
- Fork holes and lifting lugs for ease of transportation
- Meets ISO 8573 1.2.1 standards for oil, water and particulate contamination
- Hour meter and failure to switch alarm light
- Single point electrical connection via chord set – plug and play

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## SPECIFICATIONS FOR CATR SERIES DRYERS

Model	Flowrate @ 100 psi (scfm)	Power Supply	Maximum Operating Pressure	Weight (lb)	Length (in)	Width (in)	Height (in)
CATR500	500	120V/1PH/60 HZ	200 psi	2490	60	50	90
CATR1000	1000	120V/1PH/60 HZ	200 psi	4285	82	72	92
CATR1600	1600	120V/1PH/60 HZ	200 psi	6300	101	90	84
CATR3000	3000	120V/1PH/60 HZ	200 psi	9200	156	90	92

Model	Flowrate @ 125 psi (scfm)	Flowrate @ 150 psi (scfm)	Flowrate @ 175 psi (scfm)	Air In/Out Connection	Maximum Inlet Temp	Minimum Ambient Temp	Maximum Ambient Temp
CATR500	550	600	645	2" 4-Lug Chicago Fitting	120 °F	40 °F	105 °F
CATR1000	1100	1200	1290	3" Gasketed Boss Fitting	120 °F	40 °F	105 °F
CATR1600	1760	1920	2064	3" Gasketed Boss Fitting	120 °F	40 °F	105 °F
CATR3000	3300	3600	3870	2-3" Gasketed Boss Fittings	120 °F	40 °F	105 °F

High Pressure Model	Flowrate @ 100 psi (scfm)	Flowrate @ 350 psi (scfm)	Maximum Operating Pressure	Weight (lb)	Length (in)	Width (in)	Height (in)
CATR3100-500	1500	3100	500 psi	6650	105	92	90

### Options:

- Higher Design Pressure
- Low Ambient Packaging Available for Sub-Freezing Applications
- Customer Specified Paint Color



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