

# DESICCANT DRYERS

# TD SERIES

Micro-Dryers

- **Solid State Temperature Control**
- **Throughput of 15 to 50 LB / HR**
- **4 Models to choose from:**
  - 15 CFM with 60 lb hopper
  - 25 CFM with 100 lb hopper
  - 50 CFM with 200 lb hopper
  - 100 CFM with 400 lb hopper

**The Best Choice for  
Your Bottom Line**

**... not to mention your  
process drying needs!**

Temptek **TD Series** Desiccant Dryers provide dual-bed efficiency in four compact designs for floor or machine mounting. This dual bed dryer has automatic regeneration and low maintenance needs. The patented air diffuser technology and high efficiency blowers guarantee energy savings over larger and less efficient competitive models.

The **TD Series** dryer is designed for continuous duty to supply an uninterrupted flow of low dew point air (to -40°F).

- Dual bed stainless steel construction
- Brushed stainless steel interior with painted exterior
- Automatic regeneration
- Patented air diffuser technology
- High efficiency 13X molecular sieve desiccant
- Cyclone dual stage cartridge filter removes fines to 1 micron
- Guaranteed -40°F dew point process air
- Tubular heaters with Incoloy® sheath
- Optional Cooling coil for process temperatures above 250°F
- Main line contactor
- Electronically controlled valve actuation
- High efficiency 15, 25 or 50 CFM blower
- Dual-stage return air filter removes fines to 1 micron
- Easily accessible maintenance points
- Electromechanical with solid state process controller
- Optional Controller voltage of 115v / 1ph / 60 cycle
- 1 Year parts and labor warranty
- Nationwide service support network



TD-25 model shown with drying hopper and hopper/dryer mounting bracket.

## **Solid State Temperature Control Instrument**



- Over-temperature alarm with indication
- Auto tune PID temperature control with dual LED display
- Calibration feature and setpoint secure switch

The Solid State Temperature control Instrument is standard and all models of TD Series Desiccant Dryers.

**PRICE & PERFORMANCE... for the LONG TERM**

525 East Stop 18 Road Greenwood, IN 46142 317-887-6352 fax: 317-881-1277 web site: www.Temptek.com email: sales@Temptek.com

www.aoksupplies.com

# TEMPTEK®

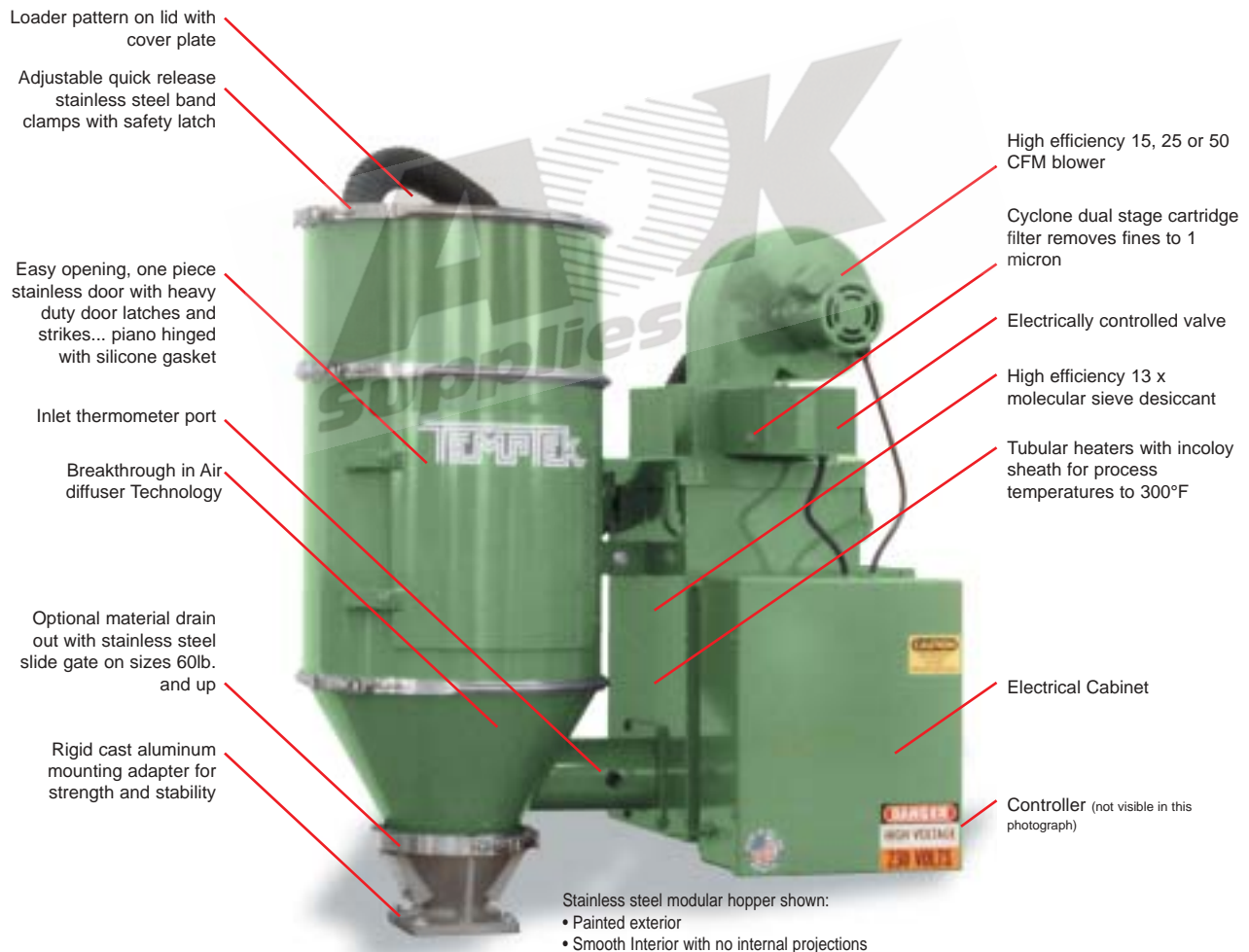
since 1989

# SPECIFICATIONS

## TD SERIES SPECIFICATIONS

MODEL #	TD-15	TD-25	TD-25	TD-25	TD-25	MODEL #	TD-50	TD-50	TD-50	TD-100
VOLTAGE (1 phase , 60hz)	115	115	208	230	460	VOLTAGE (3 phase, 60hz)	208	230	460	
KVA	1.6	2.2	2.2	2.2	2.2	KVA	11.2	11.2	11.2	
TOTAL AMPERAGE	13.9	19.1	10.6	9.6	4.8	TOTAL CONNECTED AMPERAGE	31.1	28.0	14.0	
PROCESS HTR. AMPERAGE	8.7	13.9	7.7	7.0	3.5	PROCESS HEATER AMPERAGE	22.1	20.0	10.0	
REG. HTR. AMPERAGE (LB)	4.3	4.3	2.4	2.2	1.1	REGEN HEATER AMPERAGE (LB)	4.8	4.2	2.2	
REG. HTR. AMPERAGE (RB)	4.3	4.3	2.4	2.2	1.1	REGEN HEATER AMPERAGE (RB)	4.8	4.2	2.2	
MOTOR AMPERAGE	0.8	0.8	0.8 <sup>1</sup>	0.8 <sup>1</sup>	0.8 <sup>1</sup>	MOTOR AMPERAGE	2.7	2.5	1.3	
PROCESS HTR. WATTAGE	1000	1600	1600	1600	1600	PROCESS HEATER WATTAGE	4600	4600	4600	
REG. HTR. WATTAGE (LB)	500	500	500	500	500	REGEN HEATER WATTAGE (LB)	1000	1000	1000	
REG. HTR. WATTAGE (RB)	500	500	500	500	500	REGEN HEATER WATTAGE (RB)	1000	1000	1000	
BLOWER HORSEPOWER	1/20	1/20	1/20	1/20	1/20	BLOWER HORSEPOWER	3/4	3/4	3/4	
ADSORPTION CFM (TYPICAL)	15	25	25	25	25	ADSORPTION CFM (TYPICAL)	50	50	50	
DONALDSON FILTER SIZE	5 1/4"	5 1/4"	5 1/4"	5 1/4"	5 1/4"	FILTER SIZE (DONALDSON, CYLONIC DESIGN)	5 1/4"	5 1/4"	5 1/4"	
LBS DESICCANT PER BED	7	10	10	10	10	LBS DESICCANT PER BED	20	20	20	
DESICCANT TYPE	13X	13X	13X	13X	13X	DESICCANT TYPE	13X	13X	13X	
CYCLE TIME PER BED	4 HRS	4 HRS	4 HRS	4 HRS	4 HRS	CYCLE TIME PER BED	4 HRS	4 HRS	4HRS	
PROCESS AIR DUCT SIZE	2"	2"	2"	2"	2"	PROCESS AIR DUCT SIZE	2"	2"	2"	
OUTLET AIR TEMP (MAX)	300°F	300°F	300°F	300°F	300°F	OUTLET AIR TEMPERATURE (MAX)	400°F	400°F	400°F	
OUTLET DEWPOINT	- 40°	- 40°	- 40°	- 40°	- 40°	OUTLET DEWPOINT	-40°F	-40°F	-40°F	
HOPPER SIZES (LBS)	60	100	100	100	100	HOPPER SIZES (LBS)	200	200	200	
SHIPPING WEIGHTS (LBS)	350	350	350	350	350	SHIPPING WEIGHTS (LBS)	550	550	550	

1. Listed amperage at 115v



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