

Hopper Mounted Desiccant Dryers

AHM dryers save valuable floor space by combining the dryer with the hopper – no compressed air required!

Energy efficiency:

- Most energy efficient dryer in the market (when compared to compressed air, rotary wheel, vacuum and other dual bed dryers)
- Single blower design for process and regeneration air
- On-demand regeneration based on ambient conditions, materials and process rates – not a fixed time cycle!
- Low, below -40°F dew points are assured as dry air, not ambient air is used for regeneration and cool down of desiccant towers

- Press/Extruder mounted dryers free up floor space and are available for process rates up to 40 lbs/hr
- Industry-standard 2-bed AHM dryer models from 2-4 feature our ADC Control as standard .



AHM-1



AHM 2-4

| Dri-Air Model | Process Rate | | Hopper Dimensions [l/w/h] | | Capacity | | Power |
|---------------|--------------|---------|---------------------------|------------|----------|------|---------------------------------|
| | (lbs/hr) | (kg/hr) | inch | cm | (lbs) | (kg) | |
| AHM-1 | 10 | 5 | 22/21/28 | 56/53/71 | 30 | 14 | 110/1 phase |
| AHM-2 | 15 | 7 | 30/29/42 | 76/74/107 | 60 | 27 | 208, 230, 400, 460/1 or 3 phase |
| AHM-3 | 25 | 12 | 30/29/38 | 76/74/96.5 | 100 | 45 | 208, 230, 400, 460/1 or 3 phase |
| AHM-4 | 35 | 16 | 30/29/51 | 76/76/130 | 150 | 70 | 208, 230, 400, 460/1 or 3 phase |

AHM Controls

- AHM-2-4 dryers include our easy to use ADC Control, The ADC control includes -49°F dewpoint monitor, 7 day timer, dewpoint, thermocouple and temperature alarms
- AHM-1 dryers include our ELC controller which includes set and actual temperatures and high temperature alarm

AHM features:

- Balanced design – reduces stress on feed throat
- Optional items include: water after-cooler and plasticizer trap

Arid-X10 Control options

ADC Control includes:

- -49°F dewpoint monitor
- High temp alarm & shutdown
- 7 day timer
- Alarm history
- Thermocouple alarms
- Optional temperature setback prevents overdrying of materials



ARID-X 10 Mini Dryer

Ideal for lab, insert and small molding machines – no compressed air required!

- Space saving, compact design, only 21 inches (54 cm) high and weighs only 70 lbs (32kg)
- Fast drying with the industry's smallest two bed dryer
- Processing rates up to 10 lbs/hr (5 kg/hr)
- PLC based control with high temperature alarm is standard with an optional ADC control
- Dimensions 11 x 18 x 21 inches (28 x 46 x 54 cm)
- Available in 110 or 220 volts phase



Available with 5,15,& 30-lb capacity drying hoppers



www.dri-air.com

Call us at 860.627.5110