

# Machine Mount Desiccant Dryers

AHM Series: 2-Desiccant Bed Design with Throughputs from \*15-60 lb./hr. ( 7-27 kg/hr)  
HPHM Series: 4-Desiccant Bed Design with Throughputs from \*40-60 lb./hr.( 18-27 kg/hr)

\*Based on PC Pellets at 38 lb./ ft<sup>3</sup>

These desiccant bed dryers save valuable floor space by combining the dryer with the hopper to mount on the throat of injection or extrusion machines.

These dryers have been designed to produce energy efficiency that meets or exceeds that of any other type of dryer.

## Press / Extruder Mounted Dryers

Free up floor valuable floor space.

## Industry-standard

Two or Four bed desiccant dryers.

## Single Blower Design

For both process and regeneration.

## On Demand Regeneration

Based on ambient conditions, materials and process rates – not a fixed time cycle. - prevents temperature spikes.

## Simple Controls

- High temp alarm & shutdown
- Cycle Status
- Open Thermocouple detection
- Closed loop control of valve position

## Plus:

Warranty: 5 years on control,  
1 year on non-maintenance parts

## Low, Below -40°F Dew Point

Assured because dry air, not ambient air is used for regeneration and cool down of desiccant beds.

## Available In 4-Bed Dryer Design For Unmatched Dryer Performance

Fast drying of the most difficult to dry resins regardless of ambient conditions.



AHM-2



AHM-3 on optional floor stand.

## Specifications:

Dri-Air Model	Process rate		Dimensions (D/W/H)		Hopper Capacity	
	(lb./hr.)	(kg/hr)	(inch)	(cm)	(lbs.)	(kg)
AHM-1	10	5	21/20/28	53/51/71	30	14
AHM-2	15	7	27.5/25/40	70/64/102	60	27
HPHM-2	20	10				
AHM-3	25	12	27.5/29/37	70/74/94	100	45
HPHM-3	30	14				
AHM-4	35	16	27.5/29/50	70/74/127	150	70
HPHM-4	40	18				

NOTES: AHM-1 dryers include ELC controls.

AHM-2 through AHM-4 include UDC controls.

HPHM-2 through HPHM-4 include ADC controls.

AHM-1 only available in 110 or 220-volt, 1-phase.

AHM / HPHM-2 through - 4 available in 208, 230, 400, 480 or 575-volts, 3-phase

## Options:

**ADC Control:** On HPHM-2 through HPHM-4

**Water After Cooler:** For drying temperatures above 250°F

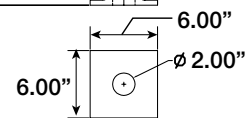
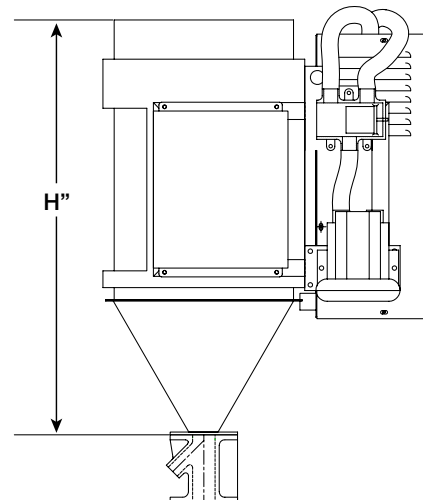
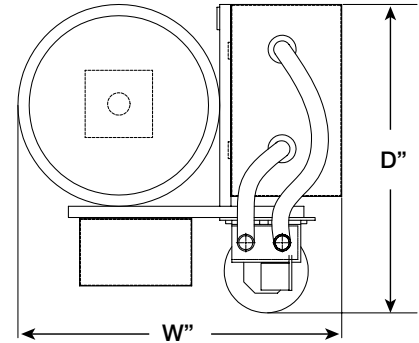
**Plasticizer Trap:** Requires After Cooler

**Floor Stand with Casters**

**Vacuum Takeoff Box** (includes probe)

## Drawer Magnet

CONTROL FEATURES		
ADC	UDC	
✓	○	Dew point readout down to -49°F
✓	✓	Easy setting of process temperature
✓		Blower rotation (phase) detection
✓		Set Start/Stop times daily
✓		Monitoring of heater current to check heater and relay condition
✓		Automatic learn mode for heater currents at local voltage
✓		Date and time indication
✓	✓	Adjustable high temperature alarm
✓		Dew point alarm
✓	✓	Open thermocouple detection
✓	✓	Closed loop control of valve position
✓	✓	Actual fault indication – no codes to look up
✓	✓	Temperature calibration for ISO 9000
✓		Optional Ethernet control
✓		Event log
✓	✓	5-Year replacement warranty
	○	Optional feature available



MOUNTING FLANGE



ADC Control



UDC Control