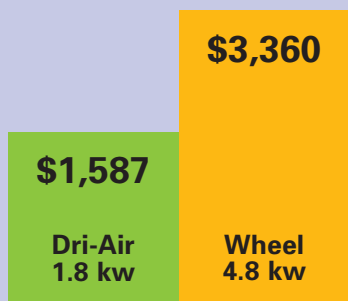## HPD Series

- **40-60% more energy efficient than wheel dryers with no moving parts!**
- **Dewpoints as low as -131° F**
- **Dryers sized to dry all materials not just Polycarbonate**
- **Faster drying in any ambient conditions**
- **Ideal for demanding medical resins and applications**
- **On demand regeneration provides stable temperatures at the drying hopper**

More efficient, more air flow and lower dewpoints equal faster, more energy efficient drying than wheel and compressed air dryers. Dri-Air HPD dryers include our patented 4 bed dryer, drying hopper and optional closed loop loading systems, eliminating press/extruder mounted drying hoppers, for fast, safe material changes.

HP's stacked tower design provides faster drying and no moving components for trouble free, reliable operation

HPD-13

Dri-Air vs. Wheel
Energy Comparision @ 50 lbs/hr
Cost Per Year @ 10¢ per kw/hr

	$3,360
$1,587	
Dri-Air 1.8 kw	Wheel 4.8 kw

Integrated Hopper Loader

Available with PD dryers having our closed loop loading system. Brushless hopper loading eliminates noisy, maintenance-prone vacuum motors.

- One power connection
- Completely self-contained
- Available with single or proportioning (virgin/regrind) hopper loaders

HPD with integrated hopper loader

DRI-AIR Industries, Inc.

www.dri-air.com
Call us at **860.627.5110**

Dri-Shot Loader

Convey dried material with dry-air, eliminating moisture contamination with compressed or ambient plant air. Closed loop loaders are available with portable dryers or as stand-alone units. Eliminate press/extruder mounted drying hoppers.

■ Stainless steel construction with internal flap valve that provides a positive seal at the throat – simplifies installation on color feeders, slide gates, swing arms or magnet drawers

DS-2
receiver

DS-1
receiver

■ SmartTouch Controller can communicate with SmartView interface for monitoring your dryers on your desktop

SMARTTOUCH *Controls*

■ Our new SmartTouch Control is standard on our HPDII dryers and is Industry 4.0 ready! OPC/UA open communication through the optional Ethernet switch or WIFI Bridge for wireless communication. Other features include 7" HMI, -49°F dewpoint monitor, 7 day timer, resin library, dewpoint and temperature trending, alarms, diagnostics, event log, run and filter timers, 3 level password protection and optional temperature setback to prevent overdrying!

SMARTVIEW *Interface*

■ Our new SmartView desktop app lets you see the big picture – multiple dryers on your desktop without walking the plant floor. Connect through our available Ethernet switch or wirelessly with our available WIFI bridge for a cable free installation. View and set temperatures and alarms all from one location.

HPD Model	Process Rate (lbs/hr)	(kg/hr)	Hopper Capacity (lbs)	(kg)	Dimensions [l/w/h] inch	[l/w/h] cm
1	10	5	30	14	25/39/57	64/99/145
2	20	10	60	27	25/39/62	64/99/169
3	30	14	100	45	25/39/60	64/99/152
4	40	18	150	68	25/39/73	64/99/185
5	50	25	150	68	30/52/75	76/152/191
6	60	27	200	91	30/52/69	76/152/175
7	80	36	300	136	30/52/84	76/152/213
8	100	45	300	136	30/52/84	76/152/213
9	125	50	400	181	50/42/92	127/107/234
10	160	73	600	272	50/42/112	127/107/284
11	220	100	600	272	50/42/112	127/107/284
13	300	150	1000	453	66/42/116	167/107/295

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