HAMILTON

Integrating plastic technologies since 1965

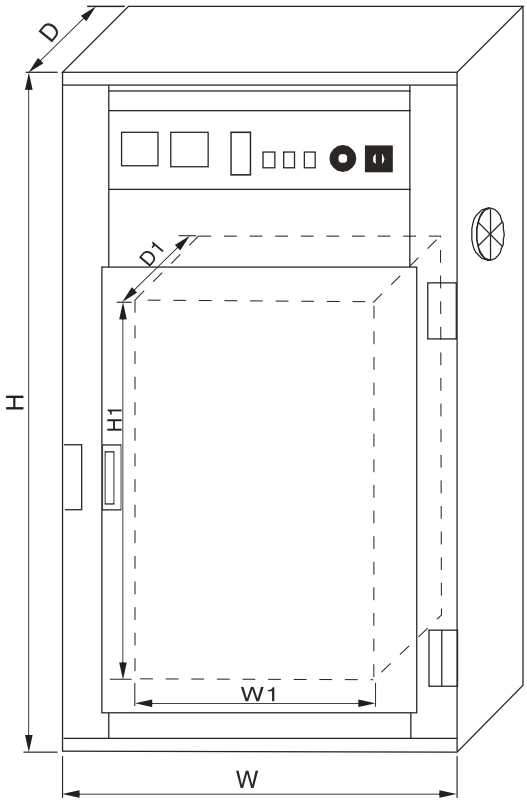
CABINET DRYER

CD Series

Model CD-9

Cabinet dryers are most commonly used for simultaneous drying of different kinds of polymers in small quantities or for drying materials for trial moulding. They are also found in electronics, electric machinery, electroplating, pharmacy, paint baking and printing industries for preheating or drying related products.

Temperature controller



FEATURES:

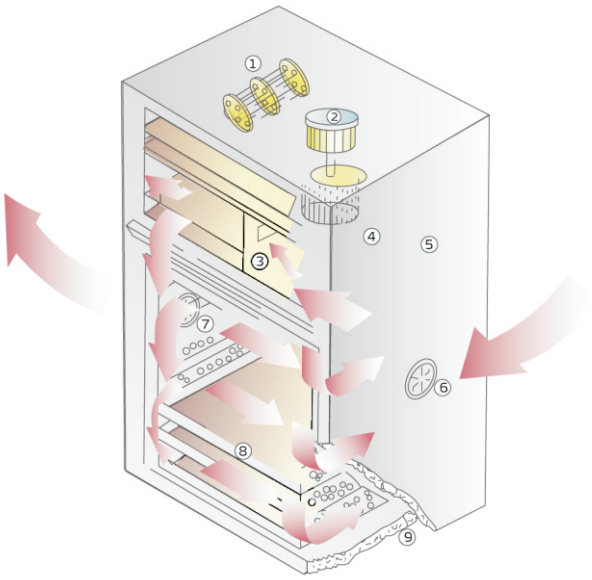
- Accurate P.I.D. temperature control for achieving even drying
- Insulated door can maintain temperature consistency and reduce energy consumption
- Stainless steel tray and liner
- Optimized design for ease of clean out and maintenance
- Flexible and adjustable air inlet and exhaust
- Overheat protection
- Amp. meter and main disconnect
- 24 hour timer
- Visual alarm

SPECIFICATIONS:

Model	Heater (KW)	Blower (KW)	Temp. range (C)	Number of trays	Total tray capacity (KG)	Outer dimensions H x W x D (mm)	Inner dimensions H1 x W1 x D1 (mm)	Weight (kg)
CD-5	4	0.37	250	5	50	1200 x 800 x 610	660 x 600 x 550	148
CD-9	4.5	0.37	250	9	100	1440 x 800 x 610	900 x 600 x 550	178
CD-20	9	1.5	250	20	200	1700 x 1210 x 860	1000 x 990 x 800	415
CD-20L	18	1.5	200	20	350	1865 x 1800 x 1060	1200 x 1600 x 1000	550

WORKING PRINCIPLE

For cabinet dryers, materials to be dried are placed on the stainless steel moveable material trays. During operation, process air will flow through the heating coil and be heated up to the required temperature, then flow through a manifold with evenly positioned holes. Moist air is sent out through the air exhaust port. Designed to achieve a uniform drying effect.



1. Heating wire
2. Air inlet blower
3. Air chamber
4. Multi-vane impeller
5. Paint-baked steel cover
6. Air inlet
7. Air exhaust
8. Stainless steel tray
9. Heat-resistant layer

Hamilton Plastic Systems Ltd.
230 Brunel Rd., Mississauga, ON L4Z 1T5
905-890-0055 • 1-800-590-5546
sales@HamiltonPSL.com
www.hamiltonplasticsystems.com

Representative: