

# Heater/Blower Units

HB Series: 15 – 1000 cfm (26 –1680 m<sup>3</sup>/hr)

**HB Series heater-blower modules are used for the dehumidification of materials in Hot Air or Central Drying applications.**

Provides hot air to drive surface moisture off non-hygroscopic resin in a single drying hopper. In a central dryer system, the HB unit receives dry air from a central dryer and optimizes the heat and air flow into each drying hopper in the system. (See the Central Drying Assemblies data sheet)



HB-100 Heater/Blower

## Compact Design

The HB is mounted directly to the drying hopper, reducing floor space requirements and eliminating energy losses. The control panel is shipped loose for mounting to a floor stand or wall.

## High Heat

Electric Heaters are adjustable up to 350° F assuring optimized drying of any resin.

## Consistent Air Flow

A dedicated centrifugal blower on each hopper assures consistent flow of air regardless of changes in material shape, density or regrind percentage.

## 5 - Year Warranty

For lowest cost of ownership.



HB Controller box with temperature control.

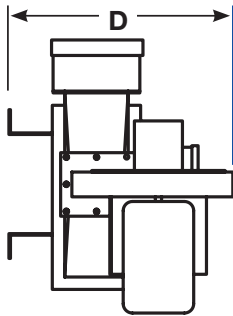
## Plus:

- Precision, Adjustable LED Temperature Control
- NEMA 1 control panel
- On/Off Switch with pilot lights and Over-Temp indicator
- Air flow switch
- Thermocouple with 20' of cable
- Disconnect
- 5-Year Warranty

## Specifications:

Model	Air Flow		Inlet/Outlet O.D.		Dimensions					
					W		D		H	
*Standard/Central	scfm	Nm <sup>3</sup> /hr.	in.	cm	in.	cm	in.	cm	in.	cm
HB-15 & HB-15-C	15	26	3.875	10	14.6	37	13	33	34.5	88
HB-40 & HB-40-C	40	68	3.875	10	12.5	32	14.1	36	40.4	103
HB-60 & HB-60-C	60	100	3.875	10	22	56	14.4	36	36.2	92
HB-100 & HB-100-C	100	170	3.875	10	22	56	14.4	36	36	91
HB-200 & HB-200-C	200	340	3.875	10	21.3	54	18.1	46	40.2	102
HB-250 & HB-250-C	250	420	5.875	15	22.3	57	18.1	46	38.2	97
HB-300 & HB-300-C	300	510	5.875	15	22.1	56	19.75	50	38.8	99
HB-400 & HB-400-C	400	680	5.875	15	24.6	63	20	57	47.3	97
HB-600 & HB-600-C	600	1020	7.875	20	31.1	79	35.7	91	59	150
HB-750 & HB-750-C	750	1260	7.875	20	29	74	34.4	87	75.8	193
HB-1000 & HB-1000-C	1000	1680	7.875	20	32	81	35.8	91	76.9	195

\* Standard HB units include a frame type inlet filter on ambient air intake.  
HB central units include a heater interlock and a Donaldson filter.



### Control Box Dimensions:

HB-15 through HB-300 18.25" x 18.25" x 7"  
(46cm x 46cm x 18cm)

HB-400 through HB-1000 24.25" x 24.25" x 8"  
(62cm x 62cm x 29cm)

### Standard Voltage:

115/1/60 for HB-15 and 460/3/60 for all others.

**Options:** (Show as separate line item on order.  
See price list #120).

### Optional Voltage:

575/3/60 (See chart above for part numbers).

