

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

When drying non-hygroscopic materials, the HB works alone to provide air and heat to drive surface moisture off resin in a single drying hopper. 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.

In the central package, the HB unit receives dry air from a central dehumidification dryer and optimizes the heat and air flow into each drying hopper in the system. (See the Central Drying Assemblies data sheet)

- **Removes Surface Moisture from Non-Hygroscopic Materials**

HB Series heater-blower modules provide the required air flow and heat for the dehumidification of non-hygroscopic materials

- **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

**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
- 2 - Year Warranty



HB-100 Heater/Blower

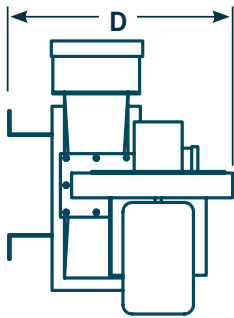


HB Controller box with temperature control.

# Specifications

Model	Air Flow		Inlet/Outlet O.D.		Dimensions						Optional Voltage 575/3/60
					W		D		H		
*Standard/Central	scfm	Nm <sup>3</sup> /hr.	in.	cm	in.	cm	in.	cm	in.	cm	Part Number
HB-15 & HB-15-C	15	26	3.875	10	14.6	37	13	33	34.5	88	N/A
HB-40 & HB-40-C	40	68	3.875	10	12.5	32	14.1	36	40.4	103	VOLT-HB40-57
HB-60 & HB-60-C	60	100	3.875	10	22	56	14.4	36	36.2	92	VOLT-HB60-57
HB-100 & HB-100-C	100	170	3.875	10	22	56	14.4	36	36	91	VOLT-HB100-57
HB-200 & HB-200-C	200	340	3.875	10	21.3	54	18.1	46	40.2	102	VOLT-HB200-57
HB-250 & HB-250-C	250	420	5.875	15	22.3	57	18.1	46	38.2	97	VOLT-HB250-57
HB-300 & HB-300-C	300	510	5.875	15	22.1	56	19.75	50	38.8	99	VOLT-HB300-57
HB-400 & HB-400-C	400	680	5.875	15	24.6	63	20	57	47.3	97	VOLT-HB400-57
HB-600 & HB-600-C	600	1020	7.875	20	31.1	79	35.7	91	59	150	VOLT-HB600-57
HB-750 & HB-750-C	750	1260	7.875	20	29	74	34.4	87	75.8	193	VOLT-HB750-57
HB-1000 & HB-1000-C	1000	1680	7.875	20	32	81	35.8	91	76.9	195	VOLT-HB1000-57

\* 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).

