

TECHNICAL SPECIFICATION

DRYING HOPPER (HP-HAD Series)

Bulletin : BAA:HP HAD-928.4
 Effective : NOV 01, 2023
 Supersedes : BAA:HP HAD-928.3
 Dated :

All HP-HAD Series Drying Hopper comes standard with:

- Insulated double wall construction CRC
- Micro PLC controller
- High pressure blower for sufficient air flow to dry material
- Stainless steel tubular heater for long life
- Easy detachable heater box
- Special stainless steel shade separator for uniform air distribution
- Slide gate to control material flow
- Removable air distribution cone for uniform distribution of air
- Clean out door*
- Cool down mode to avoid material lump formation during shut down
- Hopper cleaning provision available
- Loader mounting arrangement for automatic material loading
- Sight glass for checking material level
- Safety cut off on temperature low/overshoot
- Blower overload protection for 3 phase model
- Safety cut-off on RTD failure
- Cyclone separator for dust free and clean environment
- Direct machine/floor mounted
- Emergency drain out for quick change of material batch
- Quick openable latches for top cover removal
- Drying temperature at 120°C max as standard
- Real time digital-actual temperature against set temperature



Specifications for HAD Series Dryer

MODEL	VOLUME IN LITERS	TOTAL LOAD (KW)		MAX AMP		HEATER CAPACITY (KW)		BLOWER CAPACITY (KW) FOR 120/180°C	APPROXIMATE HEIGHT (IN MM)			DIA (IN MM)	WIDTH (IN MM)	BRACKET MOUNTING DETAIL			CLEAN OUT DOOR	APPROX. WEIGHT IN KG
		120°C	180°C	120°C	180°C	120°C	180°C		H	H1	H2			E	F	QTY		
*HP HAD-75	75	3.1	4.83	6.2	8.0	3.0	4.8	0.08	1065	N/A	622	460	800	N/A	N/A	N/A	NO	60
HP HAD-100	100	4.4	7.16	6.7	11.0	4.3	7.0	0.16	1236	N/A	622	460	800	N/A	N/A	N/A	YES	70
HP HAD-175	175	6.8	10.76	10.0	16.0	6.5	10.5	0.26	1140	N/A	654	562	820	N/A	N/A	N/A	YES	110
HP HAD-250	250	7.8	12.01	12.0	18.0	7.5	11.8	0.26	1510	N/A	654	562	1000	N/A	N/A	N/A	YES	130
HP HAD-350	350	11.0	17.51	16.0	25.0	10.8	17.3	0.26	1550	N/A	654	662	1200	N/A	N/A	N/A	YES	150
HP HAD-500	500	11.5	18.26	17.0	26.5	11.3	18.0	0.26	1630	272	382	662	1300	120	750	3	YES	240
HP HAD-600	600	12.8	19.26	19.0	27.7	12.5	19.0	0.26	1422	347	607	818	954	90	1085	4	YES	275
HP HAD-700	700	22.0	35.75	33.0	50.8	21.3	35.0	0.75	1576	347	607	818	1370	90	902	4	YES	350
HP HAD-1000	1000	27.7	42.70	43.0	61.0	25.5	40.5	2.2	1672	335	644	966	2025	90	1052	4	YES	500
HP HAD-1300	1300	29.7	44.20	46.0	63.0	27.5	42.0	2.2	2100	324	654	966	2025	90	1052	4	YES	600
HP HAD-1600	1600	35.0	53.50	57.0	77.0	29.5	48.0	5.5	2482	427	828	968	1964	45	1070	8	YES	700
HP HAD-2500	2500	57.0	88.50	91.0	126.0	49.5	81.0	7.5	2360	1005	1796	1271	2420	45	1355	8	YES	850
HP HAD-4000	4000	73.5	113.10	117.0	160.0	66.0	105.6	7.5	1990	1120	1177	1578	2590	45	1670	8	YES	1150
HP HAD-6000	6000	101.7	161.10	148.0	228.0	92.4	151.8	9.3	2090	1090	1777	1800	2975	45	1892	8	YES	1400

*VOLTAGE SUPPLY 230/1/50 HZ IN MODEL HP HAD-75

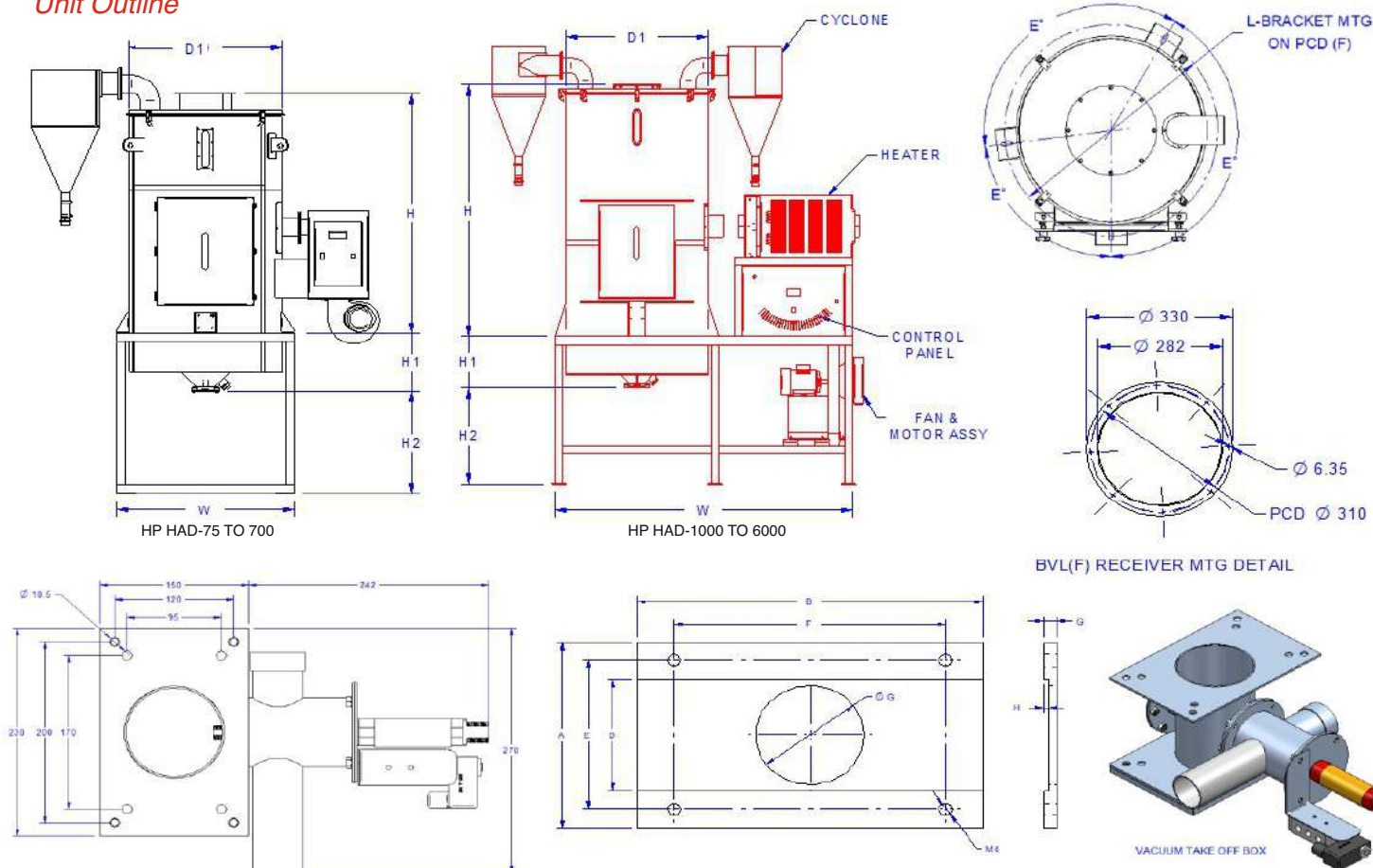
N/A- NOT APPLICABLE

ALL DATA SUBJECT TO CHANGE WITHOUT NOTICE

Option Availability

DESCRIPTION	AVAILABILITY												
	HP HAD-75	100	175	250	350	500	600	700	1000	1300	1600	2500	4000
STAINLESS STEEL HOPPERS	← AVAILABLE →												
TOWER LIGHT	← AVAILABLE →												
BUTTERFLY VALVE/MAGNET GRILL	← AVAILABLE →												
STAND FOR INDIVIDUAL HOPPER / WHEEL	← AVAILABLE →												
MATERIAL LEVEL SENSOR	← AVAILABLE →												
VACUUM TAKEOFF BOX WITH OR WITHOUT PNUMATIC	← AVAILABLE →												
HIGH HEAT APPLICATION	← AVAILABLE →												

Unit Outline



HP HAD SERIES SLIDE GATE BOTTOM								
USE ON	A	B	C	D	E	F	G	H
HP HAD - 75Ltr to 350Ltr	125	200	55	65	95	170	10	4
HP HAD - 500Ltr to 700Ltr	150	254	80	90	120	200	10	4
HP HAD - 1000Ltr to 2500Ltr	175	330	105	115	140	250	12	4
HP HAD - 4000Ltr & 6000Ltr	203	203	127	154	177	177	12	4

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