

HA-F SERIES

Hot Air Dryers



HA-F 750
Other models may vary in design & construction

Technical Specifications

The HA-F Series Hot Air Dryers feature a single blower that provides heated air to dry non-hygroscopic materials. Set point process temperature control to 300°F (149°C). 60-1500 CFM (102-2548 m³/hr) airflow available.

HA-F Series Hot Air Dryers include one 12-foot length of high temperature flexible dryer hose. HA-F Series dryers should be used in conjunction with an appropriately-sized drying hopper.

Features

Standard Features

- 460/3/60 supply voltage
- 85-4000 CFM size range
- Process temperatures up to 250°F (121°C)
- NEMA 1 control panel
- On/Off switch with pilot lights and over-temp indicator
- Control panel features through-the-door main disconnect and pilot lights
- Blower inlet filter
- Precision, adjustable 1/16 DIN temperature control with PID
- Process air heaters are mounted externally and are a drawer-type which slides in and out
- Low power consumption
- The process air heater and other components are accessible from unit exterior and easy to service
- Direct drive fans-no belts, no sheaves
- Simple maintenance and high reliability
- Compact design
- Air flow switch
- Thermocouple

Optional Features

- Insulated process hose
- Rigid piping connection
- Gas-fired process air heater
- Electric heaters adjustable up to 350°F (175°C) assuring constant drying of any resin type
- Remote heater
- Drying hopper exhaust filter
- NEMA control options
- PLC Control options
- Other supply voltages available
- Solid state relays
- Remote mount control panel

Specifications

Model	Max Process Airflow, cfm (m3/hr)	Length, in. (mm)	Width, in. (mm)	Height, in. (mm)	Shipping weight, lbs. (kg)
HA-F 85	85 (145)	24 (610)	28 (710)	40 (1015)	160 (73)
HA-F 125	125 (210)	24 (610)	28 (710)	40 (1015)	180 (82)
HA-F 185	185 (315)	24 (610)	28 (710)	40 (1015)	200 (90)
HA-F 255	255 (430)	30 (760)	33 (840)	48 (1220)	250 (133)
HA-F 400	400 (680)	30 (760)	33 (840)	48 (1220)	350 (158)
HA-F 600	600 (1015)	30 (760)	33 (840)	48 (1220)	500 (226)
HA-F 750	750 (1270)	30 (760)	33 (840)	48 (1220)	550 (250)
HA-F 1000	1000 (1700)	40 (1015)	43 (1190)	64 (1625)	630 (285)
HA-F 1200	1200 (2035)	40 (1015)	43 (1190)	64 (1625)	650 (295)
HA-F 1500	1500 (2550)	47 (1195)	52 (1320)	71 (1800)	760 (345)
HA-F 2000	2000 (3395)	47 (1195)	52 (1320)	71 (1800)	800 (360)
HA-F 2500	2500 (4245)	56 (1420)	60 (1525)	73 (1855)	1000 (454)
HA-F 3000	3000 (5095)	65 (1650)	70 (1780)	80 (2030)	1400 (635)
HA-F 4000	4000 (6795)	70 (1780)	70 (1780)	80 (2030)	1600 (725)

Consult factory for remote heater applications.