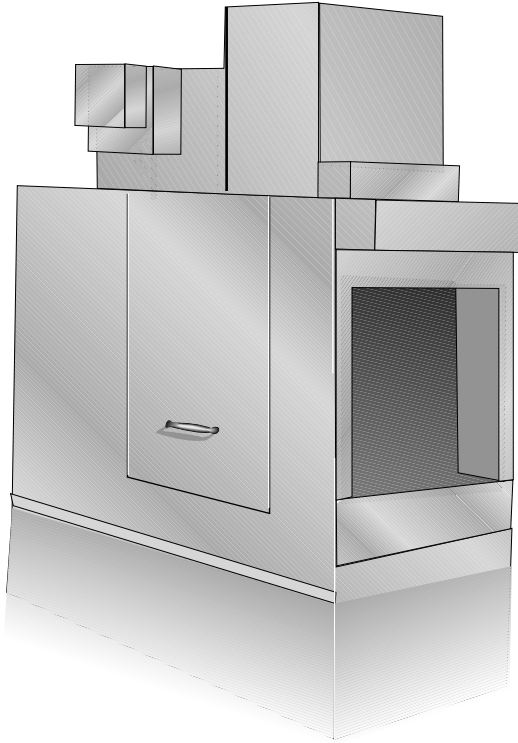


BLOWER DRYER UNIT FOR RACK CONVEYOR AND RACKLESS STYLE DISHWASHERS DESIGN



The new blower dryer unit is a partially recirculating dryer. It recirculates a nominal 90% of the air flow to conserve energy, and draws in 10% room air to keep the recirculating air stream from becoming saturated with moisture.

It has a 16 gauge stainless steel chamber, 5 feet long with a large access door for inspection and cleaning. It is designed to circulate 1400 CFM of air at a nominal 170°F. This value is chosen for operator comfort and to protect plastic ware from heat damage. Both the electric and the steam units include active temperature controls. Heated forced air is directed downward and over the entire dish area. The saturated air is exhausted through a vent opening with an adjustable damper. A minimum of a 9' unload area is recommended.

SPECIFICATIONS:

(Common to Rack Conveyor and Rackless Blower Dryers)

STEAM COILS - 2 single, in series, each with steam trap. Single (common) 1/2" NPT condensate connection. Single (common) 1-1/4" NPT steam inlet connection. Steam consumption: 120 lb/hr. @ 20 PSIG minimum.

ELECTRIC HEATING ELEMENT - 30KW

EXHAUST (VENTING) REQUIREMENT - The vent connection on the blower dryer also serves the washer; a separate washer exit vent is not required.

Rack Conveyor: 6" x 22" vent connection—1400 CFM

Rackless: 6" x 24" vent connection—1600 CFM

BLOWER - A multi-blade squirrel cage fan wheel is mounted on heavy duty ball bearings and is powered through a quiet vee belt drive.

MOTOR - 1 1/2 HP standard frame with shaft mounted on ball bearings. Drip proof enclosure.

Current draw amps	Steam	Electric
208/3/60	6.6	90.4
240/3/60	6.0	78.6
480/3/60	3.0	39.3

