



**BLAKESLEE**

# 712 BLOWER-DRYER



- HIGH VELOCITY
- EFFICIENT
- QUIET

## DESIGN:

The 712 blower-dryer has been designed for all Blakeslee conveyor type dishwashers having an eight\* foot or longer drying section. The unit draws room air and directs it with a high velocity wiping action over the tableware and trays to remove excessive water.

## BLOWER:

Industrial squirrel cage fan-type belt-driven, having a single inlet for quiet efficient performance.

\* six ft. absolute minimum

The forward curved fan is dynamically balanced and supported by two heavy duty pillow block type sealed ball bearings. The quietness of the fan is further improved with an isolator type motor mounting.

The design of the system allows for simple adjustment of the air capacity and pressure depending on the specific application.

The blower is capable of delivering 2600 CFM to 4800 CFM at 1.8 to 1.3 inches of water static pressure.

# 712 BLOWER-DRYER

## HEAT:

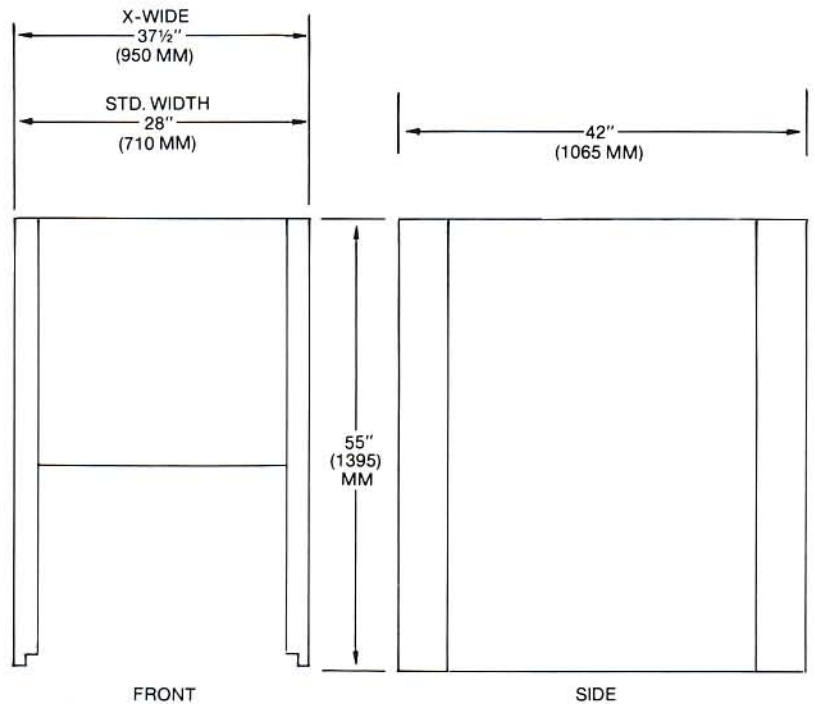
*Model 712-E* — denotes electrically heated blower-dryer. The heat is supplied by several 3 kw incoloy heaters. Thermal protection against excessive heat is provided as a standard feature. The heat options available are: 18 kw, 27 kw and 36 kw. The voltages for operation are: 208/460 or 440/460 — 60 cycle — 3 phase.

*Model 712-S* — Blower with steam coil — denotes steam heated blower-dryer. Steam connection is a 1" NPT. Condensate return line is 3/4" NPT. Steam requirement 100 lbs./condensate per hour at 15 PSI.

## CONSTRUCTION:

The unit is constructed of 14 gauge and of 16 gauge polished stainless steel. Removable access panels on front, back and top are provided for ease of service.

The height of the unit from the floor is 7'4". The length of the shell on the conveyor is 3'6". The overall width of the shell is 28" wide for standard width models and 37½" wide for extra wide models.



## MOTOR:

The standard motor is 2 h.p. 208/240-60-3ph and 440/480-60-3ph. Optional motor — 3 h.p. with same voltage ranges.

The motor control is located in the main NEMA 12 control box and consists of a contactor with overloads. The blower system is controlled with an off-on switch, electrically interlocked with pump operation, allowing blower to run when pumps are running.



### BLAKESLEE

1844 South Laramie Avenue  
Chicago, IL 60650  
Phone: (708) 656-0660  
FAX: (708) 656-0017

### BLAKESLEE

66 Crockford Boulevard  
Scarborough, Ontario, Canada M1R 3C3  
Phone: (416) 751-2625  
FAX: (416) 751-8539