



HOMOGENEOUS HEATING FURNACES FMS

MODEL FMS-20

Descripción

Comind Industries, with more than 30 years of experience manufacturing different types of solutions in the industrial field, presents the FMS-20 model of the homogeneous heating furnaces line. This equipment is designed and manufactured to solve the existing problems in the heating of drums and BINS. The high traffic of this type of containers that contain raw material is difficult when they must be poured since the viscosity of some fluids does not allow the free transfer of the liquid to the process.

Comind Industries has developed equipment for different quantities of containers. Its control system allows maintaining an accurate process temperature of up to 150 °C. Additionally, our oven is designed so that the containers can be easily moved by hand stackers or forklifts.

For more information, please contact our experts



SPECIFICATIONS

- Digital PID temperature control
- Portable: Easily moved by forklift or fork lift.
- Includes spill containment system.
- 1-year manufacturer's warranty

CAPACITY

- 16 Drums or 4 Bins

CONSTRUCTION MATERIALS

All steel constructions include:

- Inner and outer walls made of 1.5 to 3mm thick steel.
- Integrated frame and structural members ensuring firmness.
- Possibility of manufacturing in stainless steel.

DIMENSIONS

- Interior: 2,838 x 1,403 x 2,489 mm
- Exterior: 3,016 x 1,574 x 2,997 mm

ISOLATION

- High density mineral wool

HEATING MEDIUM

- Armored tubular electrical resistors bank.

HEATING CAPACITY

- 20kw (optional Kw rating available)
- Manufactured in 380V, 3-phase or voltages upon request.
- Digital temperature control with safety cut-off system for overheating.

TEMPERATURE RANGE

- Ambient temperature up to 150° C

SPILL CONTAINMENT TRAY

- Capacity of 150 liters.

FINISHED

- Exterior finished with electrostatic paint
- Interior finished with heat resistant paint
- Possibility to manufacture entirely in stainless steel.

WEIGHT

- 2.231 Kg

INSTALLATION

- Easy to install, the equipment is delivered "arrive and plug in".
- We offer on-site installation and commissioning consulting services.

AIR CIRCULATION

1020 cfm air circulating blower with controls; ¾ HP, TEFC

- Do not use electric models for heating flammable or combustible materials.
- Electric models are not classified as explosion proof and should not be used in hazardous locations.
- Class A ovens are available for heating flammables.

Drawings and Measurements

Notes:

- Unit weight: 2.231 Kg.
Power consumption: 25A@480V (approx.)
- Exterior finish: Acrylic enamel.
Interior finishes: Heat resistant silver.
- Heating medium:
(8) 2.5KW
Electric heating elements:
240 / 480V / 30 / 60HZ.
- Spill Containment: 104 gallons
- Exterior materials: HRS, 14 GA. (.075")
Interior materials: HRS, 12 GA. (.105")
Channel grate shape
Insulation: 3" x 6# Density Mineral Wool
(All walls, floor, ceiling and doors)

