



MODEL S04 DATA SHEET

PRODUCT DESCRIPTION

The Zero Ground Clearance Sahara Hot Box is designed to heat four 55-gallon drums on a single pallet.

The Hot Box has many unique features:

- It is flush with the ground, permitting the use of pallet movers.
- Saves energy. Units in a manifolded arrangement can be individually turned off when not heating drums.
- Dual side heat exchangers ensure even heating.

MATERIALS OF CONSTRUCTION

All steel construction includes 12 gauge interior walls and 14 gauge exterior walls. Integrated framing and structural members ensure toughness.

INSULATION

3 inch thick, 6 lb. density mineral wool in doors, roof, walls and floor.

HEAT EXCHANGER

1" schedule 40 steel pipe. Bare pipe or finned-tube coil available.

CAPACITY

Four 55-gallon drums handled on a standard 4'x4' pallet. Interior dimensions: (55 1/4"D x 59" W x 60"H). Exterior dimensions: (62"D x 66"W x 64 3/4"H). Weight 2,000 lbs.

HEATING MEDIUM

Saturated steam to 200 psig.

FINISH

Heat resistant silver (int.)
Acrylic enamel (ext.)
Custom finishes available.

INSTALLATION

Unit is shipped completely assembled. Simply set in place and hook up to steam supply.

CUSTOMER SERVICE

For any questions contact Benko Products Customer Service at (440) 934-2180.

ENGINEERING

Custom engineered, computer designed units are available. Call for more information.

UNIT IS ALSO AVAILABLE IN ELECTRIC. ELECTRIC UNIT IS NOT EXPLOSION PROOF AND SHOULD NOT BE USED IN HAZARDOUS LOCATIONS.



OPTIONAL DOUBLE DOORS SHOWN

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SAHARA MODEL S04-F-CS

NOTES:

1. STANDARD UNIT WEIGHT: 1650 Lbs.
2. FINISH:
EXTERIOR: ACRYLIC ENAMEL
INTERIOR: HEAT RESISTANT SILVER
3. HEATING MEDIUM:
STEAM HEAT EXCHANGER
1" SCHED. 40 FINED TUBE PIPE
WITH 2" SCHED. 40 HEADERS
200 PSIG MAX. PRESSURE
4. SPILL CONTAINMENT: NONE
5. MATERIALS:
EXTERIOR: HRS. 14 GA. (.075")
INTERIOR: HRS. 12 GA. (.105")
INSULATION: 5" X 6# DENSITY MINERAL WOOL
(ALL WALLS, CEILING AND DOOR)
6. OPTIONS:
330CFM BLOWER (SHOWN)
1020 CFM BLOWER
SIDE MOUNTED BLOWER
SIDE MOUNTED HEAT EXCHANGER
HEAT EXCHANGER GUARD (SHOWN)
120-240-490-575V
STEAM TRAP
TEMPERATURE CONTROL
4" VENT WITH DAMPER
6" VENT WITH DAMPER
DOUBLE DOORS
INTERIOR SAFETY DOOR LATCH (SHOWN)

