



Multi-Level

Model: SC48V (48) Drum Hot Box, Steam

LEWCO's drum heating product line offers standard cost-effective solutions for melting, viscosity reduction, elevated temperature storage and general industrial heating applications. The Multi-Level design features an insulated base with spill containment sump. All models feature our signature heavy-duty welded construction and simple, user-friendly controls. Please consult factory for non-standard safety features required for compliance with NFPA 86.

Capacity

- (48) 55-gallon drums palletized
- 2,700 lbs. per pallet

Operating Temperature

- 125°F - 300°F
Note: Maximum achievable temperature is dependent on steam pressure.
- Consult factory for applications below 125°F

Construction/ Features

- Welded, 1/8" steel shell
- Optional: Stainless steel
- Insulation: 3" x 6# mineral wool
- Heavy duty doors with strap hinges, 3-point latch system, and high-temperature silicone rubber gaskets create a tight seal for efficient heating.
- Interior door release for safety

Spill Containment

- 175 gallon capacity
- Sump drain 1" NPT

Heat Source & Capacity

- Saturated Steam, 10-200 PSIG
- Optional: Hot oil & hot water
- All heat exchangers are welded by A.S.M.E. certified welders and then hydro-tested at 300 PSIG
- Standard: 672 sq. ft.
- Optional: 1,008 sq. ft.

Control Options

- No Controls
- Non-electronic, self-acting temperature controller, limited to 150 psig, available in the following ranges:
 - 125°-212°F, 1/2" valve
 - 158°-300°F, 1/2" valve
- Single set-point temperature controller and redundant high-limit controller.
 - NEMA 12 enclosure with full voltage lockable disconnect switch.
 - Controls are wired to NFPA 70 and 79 electrical standards.
 - Electronic Control Options:
 - Batch Timer
 - Chart Recorder
 - Data Logger
 - Door Switch
 - NEMA 7 explosion-proof electrical

Finish

- Blue or gray alkyd enamel
- Optional: Premium finish for corrosive environments.

Electrical Requirements

- Voltage: 480/3/60
- Disconnect: 30 amps
- Other voltages available
- Depending on options, power may not be required.

Shipping & Installation

- Unit splits apart for shipping.
- Shipping weight: 17,000 lbs.
- Suitable for indoor or outdoor use.

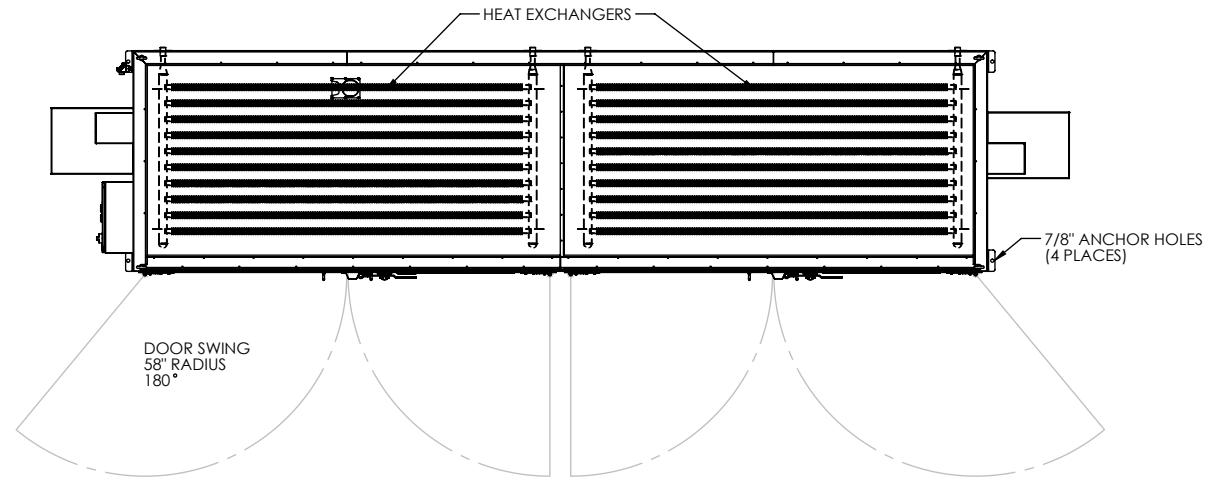
Additional Options

- Circulating Fans: (2) 1,048 CFM each, TEFC or explosion-proof motors with motor starters
- Steam Trap(s)
- 5" exhaust vent with damper
- Independent 3rd party inspection
- Custom sizes and features available. Please consult a LEWCO Applications Engineer for more information.

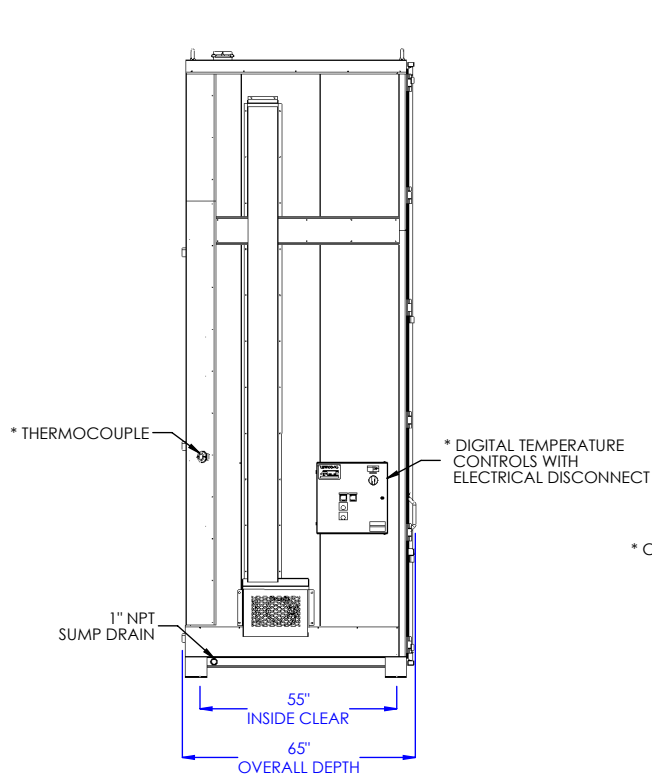
Quality Assurance

- Each unit comes complete with a (3) year warranty and is fully assembled, wired, and tested prior to shipment.

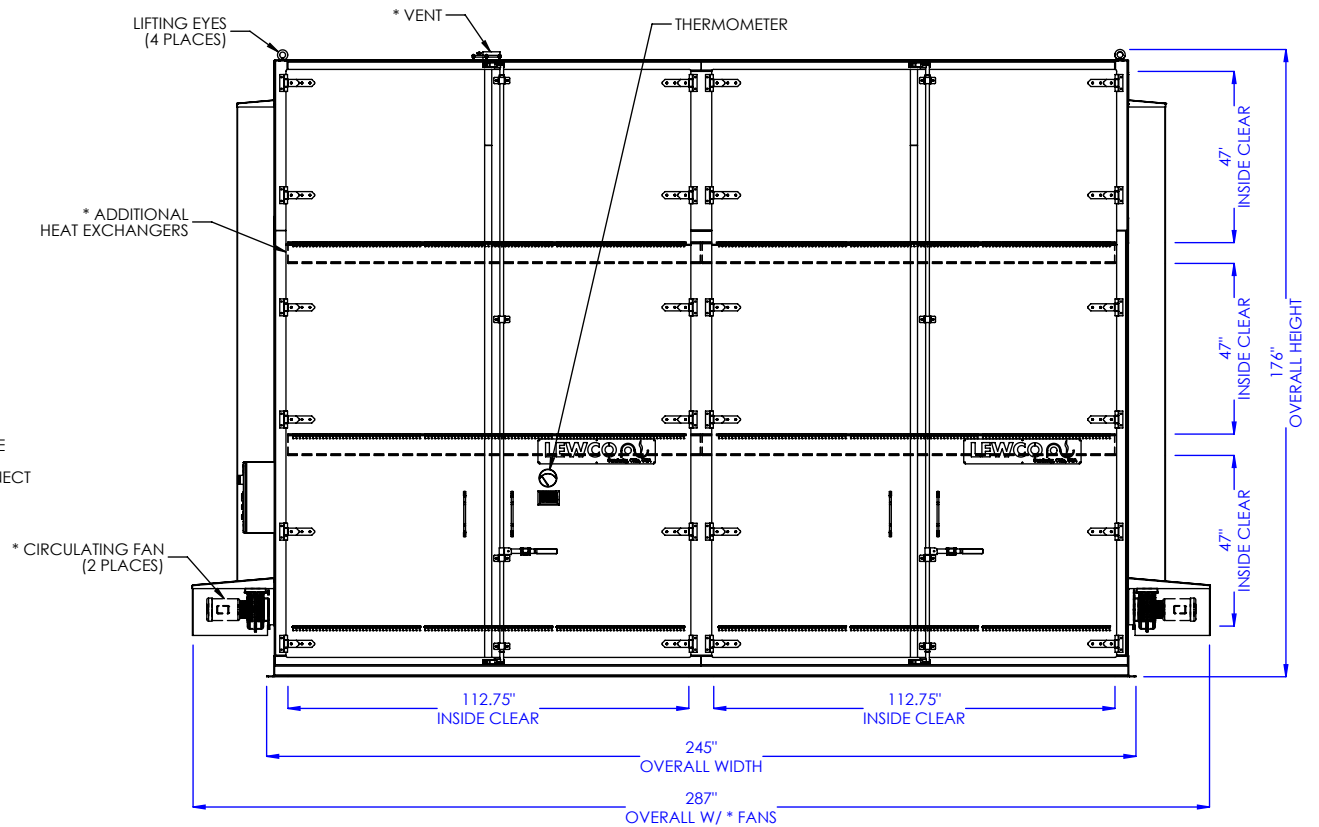
* INDICATES OPTIONAL FEATURE



PLAN VIEW



LEFT SIDE ELEVATION



FRONT ELEVATION

MODEL: SC48V

DESCRIPTION: STEAM/ THERMAL FLUID HEATING CABINET, 48 DRUM, MULTI-LEVEL

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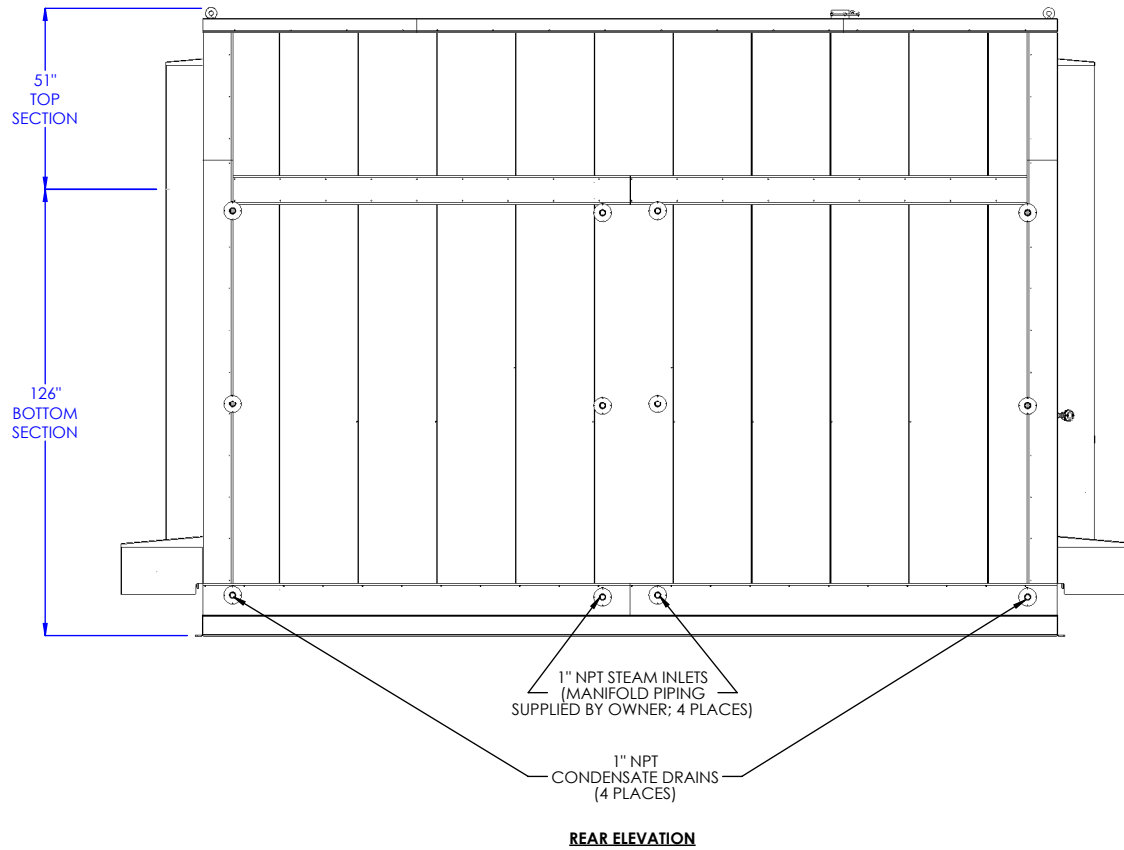


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* INDICATES OPTIONAL FEATURE

SHIPPING BREAKDOWN

- A) BOTTOM SECTION
- B) TOP SECTION
- C) (4) DOORS
- D) *(2) FANS, DUCTWORK, & COVERS



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