

KASON 1845 Pressure Relief Port 120V

Part Number: 1845H000014

Materials Required:

- Pressure Relief Port 120V
- Silicone Caulk
- Utility Box w/ Cover

1. Locate position of the pressure relief port on wall and mark large opening as shown in Fig 1.

Note: check that there is no electrical conduit inside panel or on either surface that may be damaged by installation. Because the pressure relief port nozzles disperse a large amount of humid atmosphere the area immediately in front of, and surrounding the nozzle cover, must remain free of obstruction.

Do not place shelving, or product in front of unit. Do not place high on a wall that would be hard to access for maintenance.

2. Cut completely through wall as shown for large opening.
3. Locate the small opening for the electrical box, on either the cold or warm side of the wall (small opening dimensions shown are for Kason Utility Box ELO- 58361-1/2). Cut through metal on one side only and cut insulation away as shown in Fig. 1 for electrical box.

4. Position electrical box in small cutout with wire holes toward large cutout. Cut hole through insulation from electrical box to large opening. Secure electrical box as needed.

5. Place a bead of caulk all around the frame assembly mounting flange to provide airtight seal against wall. (Kason Silicone Adhesive Sealant 63700000001 is recommended)

6. On cold side of wall, position frame assembly as shown in Fig. 2. Insert frame assembly into wall centering it within opening, guide power wires into electrical box as you do so. Push flange firmly into engagement with wall, seating caulk.

7. Insert round gaskets into individual ventilator body as shown in enlarged view.

8. Place thin line of caulk all around flange of nozzle cover to seal against frame assembly. Orient nozzle cover so that nozzles align with ventilator openings in frame assembly. Match hole position in nozzle cover to mounting holes in frame assembly. Use self drilling screws or drill for appropriate fasteners and secure nozzle cover to wall.

Fig. 1

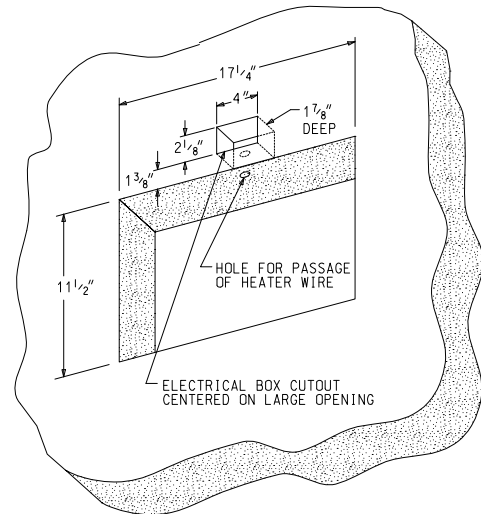
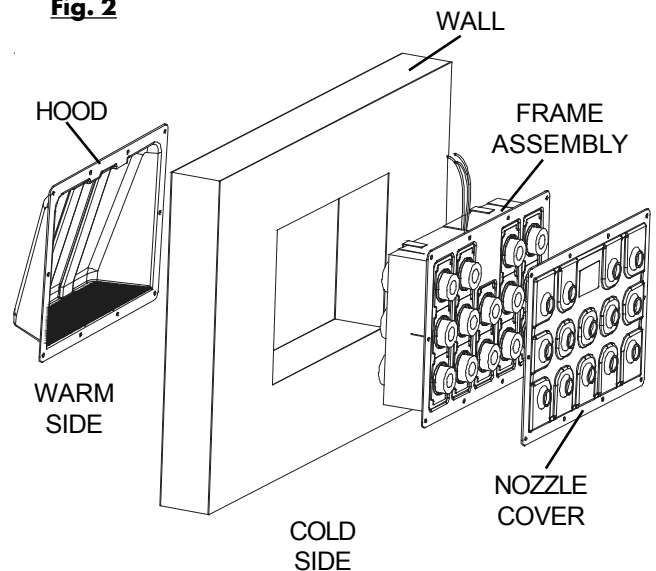
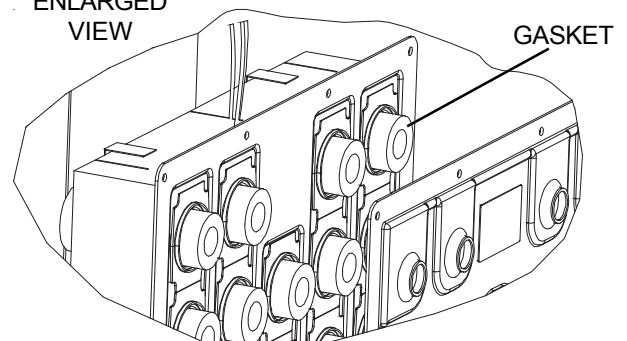


Fig. 2



ENLARGED VIEW



9. Moving to the exterior of the enclosure, place the hood in position shown in Fig. 2, (screened hole opening face down). Place a bead of caulk on the flange of the hood. Center the hood on the opening and press to contact the wall. Fasten using self drilling screws or drill and fasten with conventional screws in holes provided.

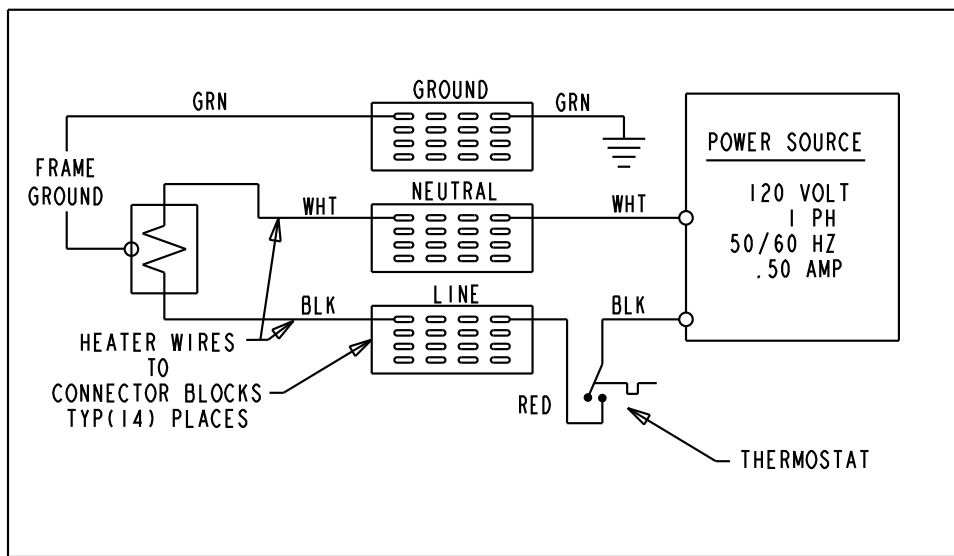
10. Run a 120V, 1 P, 50/60 Hz power line into the electrical box. Hook up per wiring diagram in Fig. 3.



ADHERE TO ALL LOCAL ELECTRICAL CODES WHEN CONNECTING THIS UNIT.

1845H000014 VENTILATOR

Fig. 3.



Note: 1845H models have a thermostat in-line with the power to stop power flow to heaters when the room is not refrigerated.

CSA Note: When the 1845H-14 Ventilator is used on CSA Certified equipment, the junction box must be CSA Certified and twist-type wire-nut connections must be wrapped with at least 2 turns of Certified insulating tape.

Placement Note: Suitable for use in standard 0°F to -20°F freezers. Pressure relief ports can be expected to generate some moisture or frost during humid weather conditions. When warm moist air is cooled as it enters the refrigerated space, the formation of some condensation is unavoidable. To reduce the chance of frost or moisture buildup, the pressure relief port should be located where the entering warm moist air can disperse without directly contacting a cold surface.