

9450, 9455, 9460, 9460-A Instructions

Read and save these instructions! Caution: Always disconnect power supply before servicing unit. Do not install in a cooking area. Make sure dryer lint screen is in place and clean! Make sure duct is clear before installing fan!

The 9400 **Dryer Jet** series are for increasing the airflow of the exhaust for a Clothes Dryer. The unit is useful where the clothes dryer is more than 20 feet from the actual exhaust vent. Difficulty with distance from the dryer to the final outlet varies from dryer to dryer. Check your owner's manual. The **Dryer Jet** allows the unit to run cleaner, shortens drying time and clears exhaust more efficiently. Tested to 70 effective feet of duct run. **Clean the dryer duct before installing any Dryer Jet model.**

There are 4 **Dryer Jet** models. The **9450** with lead wires and the **9455** with an installed line cord, which includes an in-line switch in the cord. Each unit performs the same way. The only difference is how the **Dryer Jet** receives electricity. The **9455** can plug into any 3-prong outlet. The cord is an SJTW type with ground. If using a **9450** with lead wires and a ground wire, power it through a certified on/off wall switch or any other suitable certified device for your application. Make sure the unit is grounded with the green wire.

If using the **Dryer Jet** with a separate pressure switch, follow the instructions that accompany the switch. Acme-Miami PS-35 pressure switch includes instructions.

The **9460** has the PS-35 Pressure Switch mounted on the unit. The Dryer Jet is wired to the pressure switch and the pressure switch is wired to a 10-foot long line cord. To install, mount the unit, run the 1/4-inch probe to the dryer discharge line, attach the ducts, and plug it in. See separate instructions for placing the probe. The **9460-A** model has an extra pressure switch with a built-in alarm. Run the 1/4-inch probe to the dryer line after the DryerJet's discharge. The switch that controls the fan is right above the junction box. It is set up Normally Open (N/O). The switch that controls the alarm is above the first switch and it is set up Normally Closed (N/C). The alarm buzzer will sound for 2 seconds at start of each load as a test (similar to SRS light in cars). It will not sound again unless the fan fails.

Use a CSA/UL NMD (non-metallic dry) or NMW (non-metallic wet) cable when connecting #9450. Make the wire connections inside the field supply connection box provided. Secure the cable in a strain relief by tightening the screws evenly (clamp connector). Make sure that motor leads and ground wire do not interfere with the plastic cooling fan blade. Failure to do this can cause motor failure. For best results use CSA/UL insulated butt connectors for connections. Shorten leads as needed.

Install the Dryer Jet with hard or hard flexible duct from the dryer to the inlet. Then connect the outlet to the discharge line the same way.

The **Dryer Jet** can sit on the floor or be installed in any position (except 9460) anywhere in the line except as noted. To install 9460 in any position except upright, see Horizontal Mounting instruction sheet. Motors have long-life ball bearings and are completely removed from the air stream.

WARNING: Do not enclose in a wall or ceiling. Do not exhaust air in excess of 60 degrees C. (140 degrees F). Installation is subject to the jurisdiction of local electrical authorities.

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9460 and 9460-A Horizontal Mounting Instructions

The 9460 and 9460-A are set up to be installed standing on the rubber feet. Installing in this position insures that the Air Pressure Sensing Switch is in the correct position. The switch must be perpendicular to the ground. Otherwise, gravity will effect it and it may malfunction.

The switch is mounted on the fan with 2 hex nuts on 2 long screws. To mount horizontally and keep the switch in the correct position it is necessary to remove the hex nuts that hold the switch in place and re-mount the switch on a wall, joist or a roughed in board. **DO NOT detach the wiring!** Just move the switch. There is plenty of slack in the wire to do this. For a 9460-A, do this for each switch.

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