

## PLASTIC VENTING RESIDENTIAL POWER DIRECT VENT GAS WATER HEATERS

Giant Factories Inc. is certified to the CSA STANDARD FOR GAS WATER HEATERS, ANSI Z21.10.1/CSA 4.1 to use 3-inch (7.6 cm) schedule 40 PVC, CPVC, or solid core ABS pipe and fittings for venting its Power Direct Vent water heaters.

Following the inclusion of the 2007 supplement to the CAN/CSA-B149.1-05, Natural Gas and Propane Installation Code, plastic venting systems installed in Canada must be certified to the STANDARD FOR TYPE BH GAS VENTING SYSTEMS, ULC S636. Components of the certified venting system must not be interchanged with other venting systems or unlisted pipe/fittings. Plastic components and specified primers and glues of the certified venting system must be from a single manufacturer and not intermixed with other manufacturer's parts unless those are certified to be used with this system.

The air intake system does not have to meet the requirement of ULC S636, so regular schedule 40 PVC, CPVC, or solid core ABS pipe and fittings can be used to convey the flow of fresh air to the water heater.

Giant Factories Inc. includes two (2) 3-inch (7.6 cm) PVC 90° termination elbows (one for the inlet and one for the exhaust) with every Power Direct Vent water heater. Those elbows are manufactured by IPEX Inc., are approved to ULC S636 standard, and labelled as "System 636".