



# TECHNICAL SERVICE BULLETIN

## **PARTS & SERVICE DEPARTMENT**

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**TO:** Manufacturers' Representatives, District Sales Managers, Regional Managers, Technical & Customer Service Personnel, Service Agents and Sales & Marketing Personnel

**SUBJECT:** CPVC/PVC Venting Requirements

When you are installing a Lochinvar condensing boiler or water heater using the PVC or CPVC venting options it is important to make sure the correct venting material is being used. The use of improper venting materials can lead to operational problems or overheating of the vent material. Using the wrong vent material may result in death or a serious injury. Always read and follow the installation and operation manual shipped with the product.

Some Lochinvar products require CPVC to start the vent system before transitioning to PVC or require CPVC when venting through and out of a closet or alcove. What is determined a closet or alcove is defined in all installation and operation manuals. Some Lochinvar products are shipped with a 6" CPVC starter pipe that must be used in any case when provided.

It is very important to assure that the materials are correct and as specified in the installation and operation manual. Not all piping that looks like CPVC or PVC is acceptable and requires each installation to be examined closely. Always check the markings on the venting to assure that it conforms to the proper ASTM standard. Below is a simple chart with these listings for reference.

Item	Material	Standard
Vent Pipe	PVC Schedule 40, 80	ANSI/ASTM D1785
	PVC-DWV	ANSI/ASTM D2665
	CPVC Schedule 40, 80	ANSI/ASTM F441
Vent Fittings	PVC Schedule 40	ANSI/ASTM D2466
	PVC Schedule 80	ANSI/ASTM D2467
	CPVC Schedule 80	ANSI/ASTM F439
Pipe Cement/Primer	PVC	ANSI/ASTM D2564
	CPVC	ANSI/ASTM F493

Notice: Do not use Cellular (Foam) Core Pipe

Note: In Canada, CPVC and PVC vent pipe, fittings and cement/primer must be ULC-S636 certified.

If you still require assistance, call Lochinvar Technical Support at 1-800-722-2101.