

Date: 10/8/2015

To: All Manufacturer Representatives

From: Chad Sanborn

Subject: Ultra High Efficiency EF100T399 – 6” Vent Approval

Bradford White is pleased to announce that our Ultra High Efficiency **EF100T399 models**, have recently been approved for use with 6” venting material. This provides even more flexibility to the specifying engineer and installing contractor when selecting one of our Ultra High Efficiency eF Series® products. This notification will act as a supplement to the I&O manual and applicable product labels for all EF100T399 models with serial number **LD34005015 and after**, until the corresponding product literature has been updated.



EF100T399 Models <i>Only</i> (Serial Number LD34005015 and After) Maximum Allowable Vent Lengths			
Vent Size		Power Direct Vent	Power Vent
3”	Intake	25 ft.	---
	Exhaust	25 ft.	50 ft.
4”	Intake	50 ft.	---
	Exhaust	50 ft.	100 ft.
6”	Intake	120 ft.	---
	Exhaust	120 ft.	240 ft.

*Air intake cannot exceed exhaust by more than 30 ft. in any venting situation. Subtract 5 ft. for each additional 90° elbow

MATERIALS: The approved venting materials for 6” vent will be the same as what is listed in the printed I&O manual supplied with the EF100T399 Models.

CONNECTIONS: If 6” vent is desired, the 6” piping must be used *immediately* after the condensate elbow as well as the air intake pipe. For example, the condensate elbow must have a 3” to 4” bushing/reducer, followed immediately by a 4” to 6” bushing/reducer. Any length of 3” or 4” vent pipe used to connect the bushings must be kept to a minimum (see pictures on page 3 for an example).

TERMINATIONS: Intake (90° elbow) and exhaust (coupling) termination fittings for 6" vent only, are field supplied and should be installed consistent with the installation/operation manual for vent terminations. If local codes require the use of a termination screen, it is recommended to use a galvanized screen with ¼" x ¼" square openings (0.028" thickness) cut to an overall diameter of approximately 7-1/2", and insert into the field supplied intake/exhaust terminations. The factory supplied 3" termination fittings will not be used if 6" vent is desired.

If you have any questions, or require additional information, please contact the Product Department at 1-800-523-2931.

EF100T399 Models *Only*
(Serial Number LD34005015 and After)
Example 6" Exhaust Connection



Step 1: Condensate Elbow with Small Length of 3" Pipe Installed



Step 2: 3" to 4" Bushing/Reducer Installed



Step 3: 4" to 6" Bushing/Reducer Installed

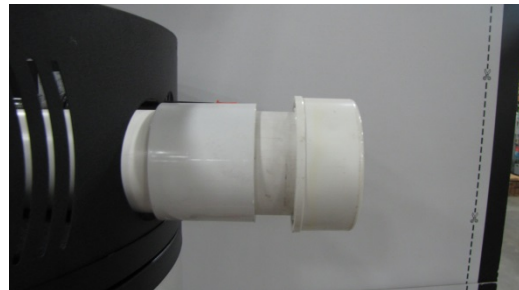


Step 4: 6" Pipe Installed

EF100T399 Models *Only*
(Serial Number LD34005015 and After)
Example 6" Intake Connection



Step 1: Coupling with Small Length of 3" Pipe Installed



Step 2: 3" to 4" Bushing/Reducer Installed



Step 3: 4" to 6" Bushing/Reducer Installed



Step 4: 6" Pipe Installed