



RFP #894-20P Dillon Boiler Replacement

**Addendum 001
Issued May 13, 2020**

1. Specify what size Caleffi DISCALDIRTMAG magnetic air and dirt separator.

Caleffi Model # NA546M

2. Specify what is the incoming natural gas pressure that is to be reduced down before entering the new boilers.

CMC PM contractor documented incoming gas pressure of 7" WC during a past PM service.

FTXL-I-O_100059358_2000005000_Rev V



Gas pressure

The gas pressure must remain between 4 inches w.c. (.99 kPa) on Model 400 and Models 600 - 850 or minimum 5 inches w.c. (1.25 kPa) on Model 500, and maximum 14 inches w.c. (3.5 kPa) for Natural gas and between 8 inches w.c. (1.9 kPa) minimum and 14 inches w.c. (3.2 kPa) maximum for LP gas during standby (static) mode and while in operating (dynamic) mode. If an in-line regulator is used, it must be a minimum of 10 feet (3 m) from the FTXL boiler. It is very important that the gas line is properly purged by the gas supplier or utility company. Failure to properly purge the lines or improper line sizing, will result in ignition failure.

3. What is the total volume of the entire hydronic system?

CMC has no records on the hot water system total volume. Please refer to question #6.

4. Is hydronic cleaner desired with the system flush?

Yes.

FTXL-I-O_100059358_2000005000_Rev V



10 Start-up

Pre-Commissioning Cleaning

1. Prior to fill and start-up, flush the entire heating system.
2. Clean the entire heating system with an approved pre-commissioning cleaner (comparable to Sentinel X300 and Fernox F3) in accordance with the manufacturer's recommendation to remove debris and prolong the life of the heat exchanger.
3. Clean all water filtering devices in the system.
4. Flush the cleaning solution out of the entire system and refill.

5. Based off of the location of the boilers and the common B-vent to be used for the new flue pipe for the Lochinvar FTXL500 can only use 4" a maximum of 27 feet of vertical PolyPro Flex pipe and the actual vertical length is greater than 36 feet not including any 90 or 45 degree bends which would add to the overall equivalent length. See attached. Please advise if an alternate flue pipe termination can be used out the side wall.

Please refer to Lochinvar's installation and operation manual page 22, General Venting: Flexible Polypropylene options. If Polypropylene piping is not obtainable, rigid piping is required to vent the boilers to the roof of the building.

6. The RFP calls for flushing the system and recharging with 25% Fernox Alpha 11 glycol. Do we have a system volume? If not can we agree on an amount say 500 gallons? Otherwise this is open to interpretation as to the volume.

Due to CMC having no past records on the hot water system total volume, we can agree to 500 gallons.