



Fireside

Universal Condensate Neutralizers

Models: FCN - 30, 60, & 120

Acidic Condensate pH Neutralization Tubes



Fireside Condensate Neutralizer

Installation, Operation, and Maintenance Manual

⚠ WARNING

- Fireside Condensate Neutralizers should only be installed by a qualified professional.
- Carefully read all instructions before installation. Failure to comply with these instructions could result in property damage, personal injury, or death.
- NEVER allow Flu gases to vent through the neutralizer.** All condensate drain lines must have a wet gas trap after the appliance and before entering the neutralizing vessel. Failure to ensure appliances traps are primed before operation can result in bad headaches, severe injury, or death.
- The neutralizer and its discharge piping must be at a lower elevation than the condensate drain from the appliance being treated.
- All piping must maintain a downward pitch and comply with local plumbing, mechanical and building codes.
- Neutralizer should be gravity fed and installed prior of any mechanical pumping devices. Failure to comply can result in damage to the appliance and/or the neutralizer.
- DO NOT ATTEMPT TO REMOVE UNIONS FROM NEUTRALIZER VESSEL.** The unions are bonded to the neutralizer. Failure to comply will void warranty and damage the neutralizer.

INSTALLATION

- Fireside Condensate Neutralizers are manufactured with 3/4" unions on both ends to allow for piping of choice and easy media recharge. We always recommend piping with rigid PVC. The FCN-30 model also includes two 1/2" bushings. If you are using tubing, install field provided 3/4" x 1/2" FIP bushings and your barb connection of choice.

- Identify good location for neutralizer and mount with provided brackets or other quality fastener. **Vessel must be mounted Horizontally.** Outlet of neutralizer is the off-center fitting and should be at the 12 O' clock position. For the FCN-30 model the inlet and outlet are both centered.
- Route corrosion resistant piping from appliance to neutralizer and from neutralizer to drain or mechanical pump maintaining downward pitch. Follow pipe manufacturers procedure for gluing or attaching fittings.
- Secure piping according to correct practice and local mechanical and building codes.
- Ensure appliance trap is primed per appliance manufacturers directions.

MAINTENANCE

- Media should be replaced annually or more frequently if pH drops below acceptable level.
- Check pH level of condensate at the outlet of the Fireside Condensate neutralizer often with strip paper or electronic meter.
- Remove vessel at unions. Empty used media then rinse with water and refill with the Fireside Neutralizer Refill (FNR) pack specified for that neutralizer model. Re-attach vessel to unions and re-install unit.

Fireside Neutralizer Refill	Neutralizer Model
FNR - 30	FCN-30 & FCN-30V
FNR - 60	FCN-60 & FCN-60V
FNR - 120	FCN-120
FNR - 4	FNT-4
FNR - 6	FNT-6
FNR - 200	40 LB. BULK PACK