



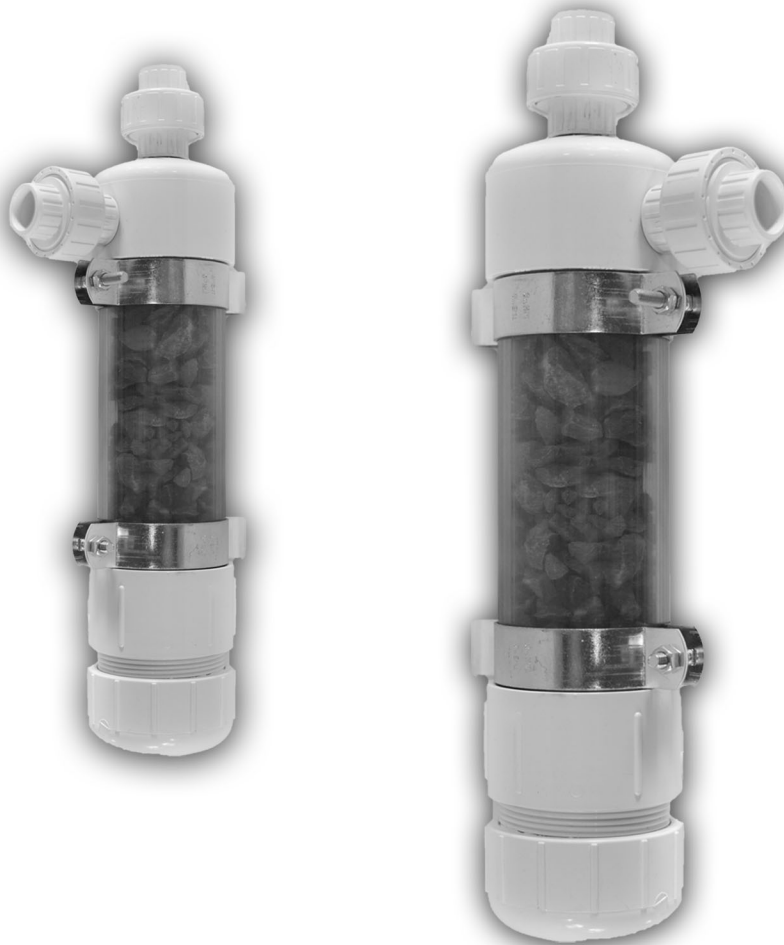
Fireside

Universal Condensate Neutralizers

Models: FCN - 30V & 60V

Acidic Condensate pH Neutralization Tubes

*This Manual Is For Vertical Units



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.
- All vertical condensate neutralizer models act as a wet gas trap. 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 piping of choice. Unions also allow for easy media recharge. We always recommend piping with rigid PVC. 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 Vertically.** The inlet is the center union on the cap. Outlet discharges from the side. Use slope or 90 degree turn down away from side outlet.
- 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