



May 26, 2015

EMERSON ELECTRIC COMPANY
INSINKERATOR
MATTHEW WHITENER
4700 21ST STREET
RACINE WI 53406

Re: Description: NON-SEWER WASTE HANDLING SYSTEM
Manufacturer: EMERSON ELECTRIC COMPANY
Product Name: GRIND2ENERGY ORGANICS RECYCLING SYSTEM (trans id 2540584)
Model Number(s): G2E-1 AND G2E-2
Product File No: 20150121

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an alternate approval to s. SPS 384.20 (5) (h), 384.20 (5) (m) 1. c. based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of December 2019.

This approval supersedes the approval issued on December 4, 2014 under product file number 20140334.

This alternate approval is contingent upon compliance with the following stipulation(s):

- These devices shall be installed by a properly licensed Wisconsin plumber.
- These devices shall be properly vented in accordance with s. SPS 382.31 Wis. Adm. Code. The vent piping material shall conform to s. SPS 384.30 (2) (a) Wis. Adm. Code.
- The PVC SCH 80 cold water distribution piping shall conform to ASTM 1785 and the associated fittings shall conform to ASTM D2467. Any other water distribution piping material selected for use shall conform to s. SPS 384.30 (4) (e) Wis. Adm. Code.
- The water supply to these devices shall be cold water only (i.e. < 85^o F).
- The water supply piping to these devices shall be \geq 3/4-inch in diameter up to the point where the piping is split between the hand-held spray and the food waste grinder.
- A reduced pressure zone principle (RPZ) cross connection control device that conform to ASSE 1013 or a spill resistant vacuum breaker (VB) that conforms to ASSE 1056 shall be installed in the cold water line serving these devices. The RPZ shall be installed in accordance with s. SPS 382.41 (5) (f) Wis. Adm. Code. The VB shall be installed in accordance with s. SPS 382.41 (4) (n) and s. SPS 382.41 (5) Wis. Adm. Code. The RPZ or spill resistant VB shall be registered and tested as specified in s. SPS 382.22 (8) Wis. Adm. Code.

Neither the hand-held spray or grinder require additional cross connection control. The air gap on the spray in the unused, neutral position conforms to ASME A112.1.2. Therefore no additional cross connection control is required for the hand-held spray.

Alternatively, an ASSE 1001 listed pipe applied atmospheric vacuum breaker may be used in place of the previously approved ASSE 1056 spill resistant vacuum breaker.

- As a prerequisite to installation, the Emerson company and the system owner shall:
 1. Arrange disposal via an anaerobic digester. The anaerobic plant must have a designated Operator-In-Charge certified at the plant class level, subclass F;
 2. Contract with a properly licensed Wisconsin waste hauler who's approved by the anaerobic digestion facility; and
 3. Verify that the collection and transportation of the waste material is in full compliance with s. NR 502.06 Wis. Adm. Code.
- No peripheral items (faucets, sprays, feeders, etc.) may be added to these devices as provided by Emerson.
- If the wastes from these systems is disposed of via a private onsite waste treatment system (POWTS), then the POWTS shall be in full compliance with ch. SPS 383 Wis. Adm. Code.

If the wastes from these systems is disposed of via a commercial/municipal anaerobic digester, then the digester shall be in full compliance with ch. NR 110 Wis. Adm. Code.

- The Norwesco 3,000 gallon polyethylene (PE) vertical storage tank (part no. 43092) shall be routinely used with these systems. However, other Norwesco PE vertical tanks of identical construction, but different volume, may be used.
- The minimum ambient air temperature, specified by the manufacturer, for exterior installation of these devices is -40 C. Only the piping from the outlet of the pump to the storage tank, and the tank itself may be installed on the exterior of the building. Adequate measures shall be taken to protect all portions of the drain piping and tank from freezing. If the tank is heated, then the tank shall be heated in such a way that the structural integrity of the polyethylene tank and/or PVC piping is not compromised.

The balance of these systems shall be installed on the interior of buildings in areas not subject to freezing.

- These devices shall bear a conspicuous label indicating the water is unfit for human consumption. The label shall be plainly visible after installation is complete.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen W. Schlueter
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