

Technical Data Sheet

Condensate Neutralizer Kit

The AERCO Condensate Neutralizer kit is ideal for neutralizing condensate from condensing boilers and furnaces operating on natural gas or propane. The condensate is acidic and has the potential to harm the environment and the sewer system. The AERCO Condensate Neutralizer will raise the pH of the condensate to a more neutral level before it is discharged to drain. If the drain is used, in some portion of its run, solely for the purpose of condensate removal and the drain material is subject to damage from acidic condensate then the use of the Condensate Neutralizer is advisable and if applied properly and regularly maintained can avoid damage associated with a leak in your drain piping.



Condensate Neutralizer Kit Selection Chart

AERCO Equipment	BTU/hr Input	Condensate Neutralizer Kit Model	Qty of Kits required / equipment
BMK750	750,000	89025-2	1
BMK1000	1,000,000	89025-2	1
BMK1500	1,500,000	89025-2	2
BMK2000	2,000,000	89025-2	2
BMK2500	2,500,000	89025-2	3
BMK3000	3,000,000	89025-2	3
INN600	600,000	89025-2	1
INN800	800,000	89025-2	1
INN1060	1,060,000	89025-2	1
INN1350	1,350,000	89025-2	2
MLX EXT 321	321,000	89025-1	1
MLX EXT 481	481,000	89025-2	1
MLX EXT 641	641,000	89025-2	1
MLX EXT 802	802,000	89025-2	1
MLX EXT 962	962,000	89025-2	1
MLX EXT 1123	1,123,000	89025-2	2
MLX EXT 1530	1,530,000	89025-2	2
MLX EXT 1912	1,912,000	89025-2	2
MLX EXT 2295	2,295,000	89025-2	3
MLX EXT 2677	2,677,000	89025-2	3
MLX EXT 3060	3,060,000	89025-2	3
EST399	399,000	89025-1	1

Features

- One-capsule Model — 1.6 Gal/hr (6.05l/hr) capacity; Two-capsule Model — 4.0 Gal/hr (15.1 l/hr)
- Prevents acidic condensate from corroding drains and sewer systems
- Neutralized condensate is more environmentally friendly
- Fast and easy installation
- Helps maintain a neutral environment for bacteria in septic systems
- Low profile design for appliances with a near floor condensate drain
- All corrosion resistant materials
- Suitable for use on all types of Natural Gas and Propane appliances
- Includes initial charge of neutralizing agent
- Can be mounted in horizontal or vertical position (see installation instructions)

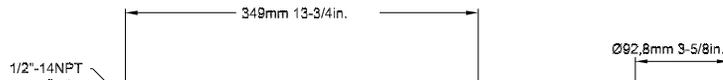
Each one-capsule model (Part number 89025-1) will neutralize condensate from appliances up to 400,000 BTU/hr input. Each two-capsule model (Part number 89025-2) will neutralize condensate from appliances up to 1,000,000 BTU/hr input. If the connected appliance is more than 1,000,000 BTU/hr input, multiple kits can be installed in series. See Table 1 for condensate neutralizer kit selection guideline for all AERCO gas fired products.

AERCO Condensate Neutralization Kit Technical Information

89025-1 – ONE-CAPSULE-MODEL

Weight: 2 kg, (4.4 lbs.)

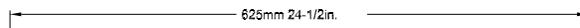
Specification: The condensate neutralization capsule shall be AERCO International, Inc. Part number 89025-1. System shall include 1 liter (0.26 U.S. gallon) capsule made from of corrosion resistant materials with two 3” fill/access openings, 3/4”-14NPT threaded inlet, 3/4”-14NPT threaded outlet, three 3/4” NPT to 1/2’ hose barb fittings, 1/2” barbed Y fitting, six hose clamps, 10 ft of 1/2” ID vinyl tubing, two base/wall mounting clamps.



89025-2 – TWO-CAPSULE-MODEL

Weight: 3.5 kg, (7.7 lbs.)

Specification: The condensate neutralization capsule shall be AERCO International, Inc. Part number 89025-2. System shall include 2 liter (0.53 U.S. gallon) capsule made from of corrosion resistant materials with two 3” fill/access openings, 3/4”-14NPT threaded inlet, 3/4”-14NPT threaded outlet, three 3/4” NPT to 1/2’ hose barb fittings, 1/2” barbed Y fitting, six hose clamps, 10 ft of 1/2” ID vinyl tubing, two base/wall mounting clamps.



Accessories

89026 – Replacement neutralization media
(1 required for One-Capsule Model; 2 required for Two-Capsule Model)

Project:
Consultant:
Unit Tag:

Location:
Contractor:
Sales Agent:



Heating and Hot Water Solutions

AERCO International, Inc. • 100 Oritani Drive • Blauvelt, NY 10913
USA: T: (845) 580-8000 • Toll Free: (800) 526-0288 • AERCO.com