

Pan Treatment Time-Release Technology



Product Overview

Pan Treatment

SF Time-Release Drain Pan Treatment uses state-of-the-art, in-water-activated, time-released polymer technology. The product may be used safely in air conditioner and refrigerator drain pans, dehumidifier water tanks, or any other non-potable water retention area. With the effective use of Time-Release Drain Pan Treatments, condensate water will be sanitized; discouraging the growth of micro-organisms keeping drain pans clean and free flowing.

Background

All cooling units, whether they are air conditioners, dehumidifiers, or other refrigeration equipment, extract water from the air. Some undesirable consequences may result. These potential consequences may include:

- Overflow from clogged air conditioner drain pans due to the formation of slime. This can cause expensive damage to the ceiling and other property.
- Water in the drip pan supports the growth of fungus, mold, mildew, bacteria, and other microorganisms.
- Contaminants found in drain pans can cause foul-smelling odors.
- Retained water and the bacteria growth in the moist environment can cause corrosion and premature failure of the drain pan.

Features and Benefits

- A solid-packaged strip releases the active ingredients, leaving only the used polymer shell to be discarded.
- Provides dependable, sustained time release protection for only pennies a day.
- Adds a light, pleasant scent to the air as it is activated.
- Kills odor-causing bacteria.
- Registered with the EPA to kill odor-causing bacteria. (EPA Reg. No. 63281 -2-80464.)

What is SF?

The SF product line offers quality, reliable, cost-effective products for a wide range of HVAC applications. We are dedicated to providing our customers with high-quality, value-priced solutions and pride ourselves on delivering dependable solutions for your project needs.



Product Specifications

Active Ingredients

Products use a quaternary ammonium compound chemical base.

Packaging and Appearance

Active ingredients are contained within a polymer strip sealed inside a non-skid woven fabric casing that allows migration of the ingredients from the polymer strip to the drain pan.

EPA Registration

Products are registered with the United States Environmental Protection Agency to kill odor-causing bacteria.

Non-Corrosive

Products contain a corrosion inhibitor.



Competitive Comparison

Tablets

The market has been dominated for years by “tablets” of varying chemical composition. Most are primarily made from bromines and chlorines. All are corrosive and all melt/dissolve within 72 hours and run down the drain. This serves to clean and sanitize the drain pan and condensate lines for only a short time, after which biological growths are free to proliferate. Most of these products in the past have not been EPA registered.

Liquids

There are a few liquids in the market. Of those, mechanical feeders are predominant. However they are messy and each size unit requires varying feed amounts requiring calibration by the service technician.

Dissolving tubs/cubes

These only contain the active biocide with no corrosion inhibitor, which results in premature rusting of drain pan. Most are not EPA registered or approved to be used in air conditioning systems where condensate flow is unregulated.

Wax based strips

Like the dissolving tubs/cubes, they contain only the active biocide. During heat cycles, the product often melts into a clump of wax that is difficult to remove from the system.

Typical Applications

Key Markets

Knowing where to sell the product is as important as knowing how to sell the product. The Pan Treatment market is driven by preventative maintenance (60%) and IAQ issues/concerns (40%).

You will have the greatest success by focusing on the following channels in the commercial and residential segments.

Commercial (70%)

- School Boards/Universities
- Lodging Industry
- Owned & Managed Properties
- Small, Medium Size Properties
- Health Care Facilities
- Hospital/Hospice
- Nursing Homes
- Retirement Centers
- Government
- Military Bases
- Sports Facilities/Gyms
- Casinos
- Airports
- Green Buildings

Residential (30%)

- Condo Associations
- Maintenance Facilities
- Maintenance Contractors
- Residential Service
- General



Installation

Install the Time Release Pan Treatment in the condensate pan between the coil and the drain opening. You want to intercept the path of the water to the opening, but not cover the opening itself. Put the strip the farthest from the opening where condensate water occurs. The polyester sock absorbs water and stays where placed in the pan.

Figure 1
Coil and Drain Pan Arrangement

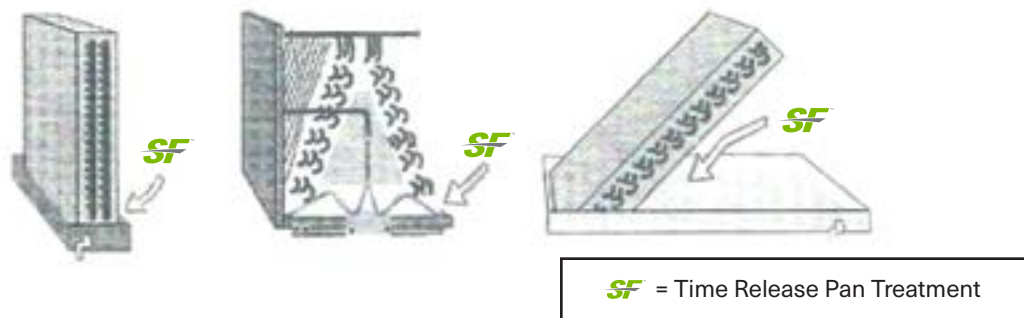
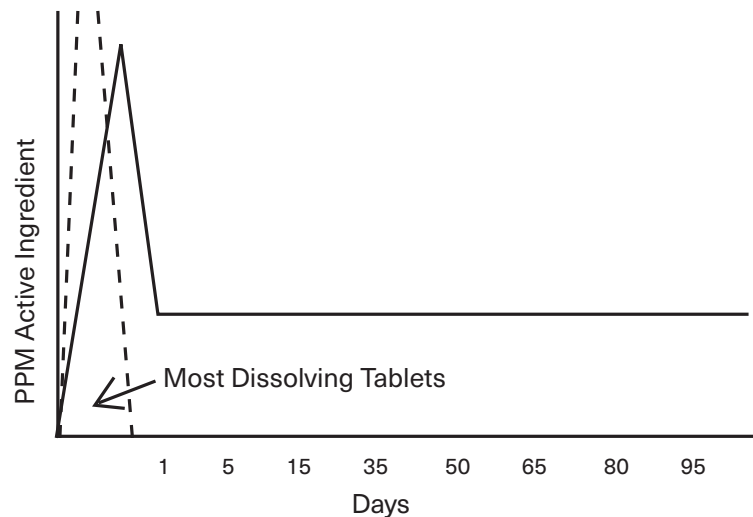


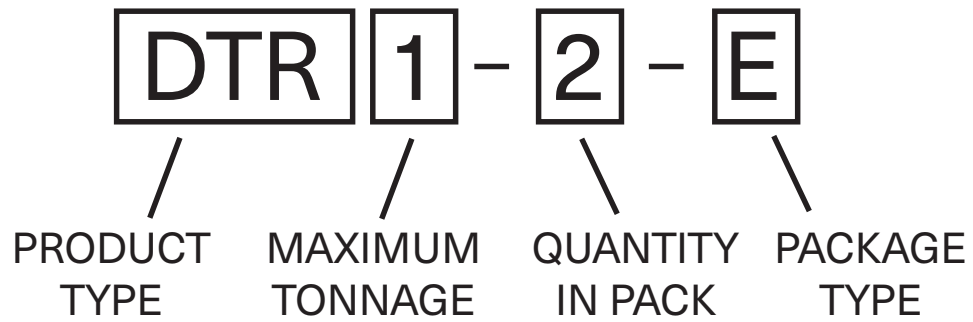
Figure 2
Time Release Technology Gives Long-Lasting Protection



Time-Release

The treatment stays dormant when the drain pan is dry. The product will continue activating and deactivating as wet and dry conditions change. (See Figure 2) Replacement should be done according to a regular maintenance schedule (every 90 days is recommended). Simply remove the “old” strip and dispose of it properly.

Nomenclature



PRODUCT TYPE	MAXIMUM TONNAGE	QUANTITY IN PACK	PACKAGE TYPE
DTR - Drain Pan Treatment	1 Ton	1	Individual
	2.5 Tons	2	Retail
	5 Tons	4	Bulk
	10 Tons	6	
	25 Tons	8	
	50 Tons	10	
		20	
		50	

What's in stock

DIMENSIONS	TONNAGE	SIZES	PACKAGE QTY	PART NUMBER	DESCRIPTION
4 x .75 x .375	1 TON	Individual	2	DTR1-2-E	CHEMICAL; TIME RELEASED PAN TREATMENT; 4 X .75 X .375, 1 TON, PACK OF 2
4 x .75 x .375	1 TON	Retail	10	DTR1-10-R	CHEMICAL; TIME RELEASED PAN TREATMENT; 4 X .75 X .375, 1 TON, PACK OF 10
4 x .75 x .375	1 TON	Bulk	50	DTR1-50-B	CHEMICAL; TIME RELEASED PAN TREATMENT; 4 X .75 X .375, 1 TON; PACK OF 50
5 x 1.5 x .375	1-2.5 TONS	Individual	1	DTR2.5-1-E	CHEMICAL; TIME RELEASED PAN TREATMENT; 5 X 1.5 X .375, 1-2.5 TONS; PACK OF 1
5 x 1.5 x .375	1-2.5 TONS	Retail	10	DTR2.5-10-R	CHEMICAL; TIME RELEASED PAN TREATMENT; 5 X 1.5 X .375, 1-2.5 TONS; PACK OF 10
5 x 1.5 x .375	1-2.5 TONS	Bulk	20	DTR2.5-20-B	CHEMICAL; TIME RELEASED PAN TREATMENT; 5 X 1.5 X .375, 1-2.5 TONS; PACK OF 20
12 x 1.5 x .375	3-5 TONS	Individual	1	DTR5-1-E	CHEMICAL; TIME RELEASED PAN TREATMENT; 12 X 1.5 X .375, 3-5 TONS; PACK OF 1
12 x 1.5 x .375	3-5 TONS	Retail	6	DTR5-6-R	CHEMICAL; TIME RELEASED PAN TREATMENT; 12 X 1.5 X .375, 3-5 TONS; PACK OF 6
12 x 1.5 x .375	3-5 TONS	Bulk	20	DTR5-20-B	CHEMICAL; TIME RELEASED PAN TREATMENT; 12 X 1.5 X .375, 3-5 TONS; PACK OF 20
12 x 1.5 x .625	7-10 TONS	Individual	1	DTR10-1-E	CHEMICAL; TIME RELEASED PAN TREATMENT; 12 X 1.5 X .625, 7-10 TONS; PACK OF 1
12 x 1.5 x .625	7-10 TONS	Retail	2	DTR10-2-R	CHEMICAL; TIME RELEASED PAN TREATMENT; 12 X 1.5 X .625, 7-10 TONS; PACK OF 2
12 x 1.5 x .625	7-10 TONS	Bulk	8	DTR10-8-B	CHEMICAL; TIME RELEASED PAN TREATMENT; 12 X 1.5 X .625, 7-10 TONS; PACK OF 8
12 x 3 x .625	10-25 TONS	Individual	1	DTR25-1-E	CHEMICAL; TIME RELEASED PAN TREATMENT; 12 X 3 X .625, 10-25 TONS; PACK OF 1
12 x 3 x .625	10-25 TONS	Bulk	8	DTR25-8-B	CHEMICAL; TIME RELEASED PAN TREATMENT; 12 X 3 X .625, 10-25 TONS; PACK OF 8
24 x 3 x .625	25-50 TONS	Individual	1	DTR50-1-E	CHEMICAL; TIME RELEASED PAN TREATMENT; 24 X 3 X .625, 25-50 TONS; PACK OF 1
24 X 3 X .625	25-50 TONS	Bulk	4	DTR50-4-B	CHEMICAL; TIME RELEASED PAN TREATMENT; 24 X 3 X .625, 25-50 TONS; PACK OF 4

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