

Aqua-Pure®

Spec # _____

Quantity _____

Models:

**APUN101 / APUN201 / APUN301 /
APUN100-LM / APUN200-LM**

Upflow Acid Neutralizers

Application:

- pH Adjustment of Acidic Water

At a Glance:

- Helps prevent blue/green stains on fixtures
- Aids in protecting copper plumbing systems



APUN101

Product Benefits:

- New tank design is equipped with threaded valve to tank connections
- The translucent tank helps provide a convenient method to view the media bed level
- Fill-port included for easier media fills and additions
- Calcium carbonate media helps neutralize acidic water (pH levels below 6.7) by raising the pH
 - Helps inhibit corrosion of copper pipes and lead solder joints
 - Helps prevent blue/green stains and pitted fixtures caused by corrosion
- The upflow system design helps reduce backwashing that is required for continuous operation
- No control valve required
- No electricity required
- No drain line required

Product Specifications:

Model	Inlet/Outlet™ Size (NPT)	Dimensions		Approximate Weight	Maximum Flow Rate	Maximum Water Temperature	Max. Water Pressure	Media Cu. Ft.	Standard Media
		Height	Max. Diameter						
APUN101	1 in (2.54 cm)	63 in (160.0 cm)	10 in (25.4 cm)	133 lb (61.3 kg)	6 gpm (22.7 lpm)	110°F (43.3°C)	100 psi (689 kPa)	1.0	C
APUN201	1 in (2.54 cm)	68 in (132.1 cm)	12 in (30.5 cm)	245 lb (111.2 kg)	7 gpm (26.5 lpm)	110°F (43.3°C)	100 psi (689 kPa)	2.0	C
APUN301	1 in (2.54 cm)	76 in (193.0 cm)	14 in (35.6 cm)	398 lb (180.5 kg)	12 gpm (45.4 lpm)	110°F (43.3°C)	100 psi (689 kPa)	3.0	C
APUN100-LM	1 in (2.54 cm)	63 in (160.0 cm)	10 in (25.4 cm)	84 lb (38.1 kg)	6 gpm (22.7 lpm)	110°F (43.3°C)	100 psi (689 kPa)	N/A	N/A
APUN200-LM	1 in (2.54 cm)	68 in (132.1 cm)	12 in (30.5 cm)	92 lb (41.7 kg)	7 gpm (26.5 lpm)	110°F (43.3°C)	100 psi (689 kPa)	N/A	N/A



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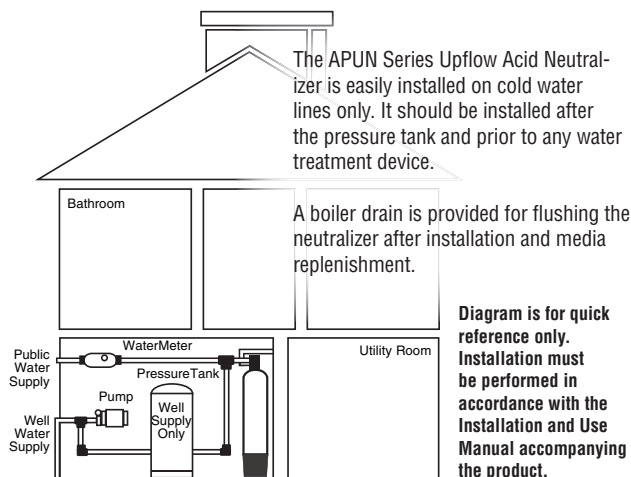
Part Number

Product Overview:

The APUN Series Upflow Acid Neutralizer helps prevent corrosion of copper pipes and plumbing fixtures by effectively raising low pH (acidic) water. The APUN Series Upflow Acid Neutralizer directs the acidic water through a special limestone and limestone blended media bed. The acidic water is neutralized as it slowly dissolves the media, thus automatically raising the pH level.

The design of the APUN Series Upflow Acid Neutralizer, which draws water upward through the media bed, greatly reduces the potential caking of the media. The simplicity of the upflow design requires no electricity, backwashing or a drain, making the APUN Series Upflow Acid Neutralizer a simple, effective and economical solution for acidic water.

Easy Installation:



Media Options:

Media	Material	Application
C	Calcium Carbonate	Neutralization of acidic water as low as 6.0 units
N	Special Blend Media	Neutralization of acidic water below 6.0 units

Maintenance *

The filter media requires periodic replenishment depending on the amount of water used and the degree of acidity. The neutralizer should be checked every 3-6 months to make sure that the media is no more than 2" below the media fill line. The fill-port located on the top of the tank permits simple replenishment of the "sacrificial" media.

The "C" or "N" Media helps to prevent the corrosion of copper pipes and plumbing fixtures by raising low pH (acidic) water conditions. This process is similar to adding lime to acidic soil or taking an antacid. "C" Media is used for moderate pH levels (6.0-6.7 units). "N" Media, which dissolves more rapidly, is used for more extreme conditions (pH 5.5-6.0 units and as low as 5.0 units under certain conditions). Both types of media are consumed during neutralization and must be replenished periodically. The "N" or "C" Media is available in 0.5 cu. ft. pails for periodic replenishment.

The neutralizing media will help to increase the hardness level, along with the pH level in the treated water. Under higher hardness conditions, a water softener or a scale reduction filter is recommended for post-treatment to soften the water or help protect the hot water system.

* The maintenance and installation information contained on this sheet is for informational purposes only. Complete installation and maintenance instructions are provided in the Installation and Operation manual included with the system.

⚠ WARNING

To reduce the risk associated with the ingestion of contaminants:

- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

CAUTION

To reduce the risk associated with property damage due to water leakage:

- Read and follow Use Instructions before installation and use of this system.

Limited Warranty:

3M Purification Inc. warrants this Product to be free from defects in material and workmanship during normal use for the warranty period set forth below. The warranty period commences from the date of purchase. This warranty does not cover failures resulting from abuse, misuse, alteration or damage not caused by 3M Purification Inc. or failure to follow installation and use instructions. No warranty is given as to the service life of any filter cartridge, membrane, or media as it will vary with local water conditions and water consumption. **3M PURIFICATION INC. MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOMER OR USAGE OF TRADE.** If the Product is found defective within the warranty period, your exclusive remedy and 3M Purification Inc.'s sole obligation shall be, at 3M Purification Inc.'s option, to replace or repair the Product or refund the purchase price of the Product. This warranty does not cover labor. **The remedy stated in this paragraph is Customer's sole remedy and 3M Purification Inc.'s exclusive obligation.**

Warranty Period: One (1) year on the entire product unit; Five (5) years on the media tank only (does not include internal component parts); Five (5) years on the fill-port assembly; and Five (5) years on salt storage container and components*

For additional information, see the entire Limited Warranty located in the product Installation and Operating Instruction manual.

Limitation of Liability: 3M Purification Inc. will not be liable for any loss or damage arising from this 3M Purification Inc. product, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability. Some states and countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

*Water Softeners Only



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