

Condensate Neutralizer

AXIOM



NT70-AP43

- A Combination Neutralizer + Removal Pump
- A Maximum delivery head 13.1m (43ft) * see attached pump curve for more details
- A Low profile design for appliances with near floor condensate drain
- A 72 liter (19.4 USG) tank with designed to channel flow through LipHter media for complete neutralization
- A Comes with high level float to connect to alarm system
- A NeutraPump prevents acidic condensate from corroding drains and sewer systems
- A Neutralized condensate is more environmentally friendly
- A All materials made from corrosion resistant material
- A Includes initial charge of Axiom's special LipHter neutralizing media

Featuring :

LipHter™

20,000,000 Btu/hr
(Upto 8.4l/min or 2.2 gpm/min)

* Check with the appliance manufacturer for condensate flowrate or go to our website and use the sizing calculator. As a guideline 20,000,000 BTU/hr at 96% efficiency will produce approximately 8.4 l/min (2.2 gpm) and 60,000,000 BTU/hr at 96% efficiency will produce approximately 25 l/min (6.6 gpm)

The NT70-AP43 “NeutraPump” is ideal for neutralizing large quantities of condensate from condensing boilers and furnace operating on natural gas or propane. The condensate produced by gas fired condensing appliances is acidic and has the potential to harm the environment and the sewer system.

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NeutraPump™



NT70-AP43 Condensate Transfer and Neutralization Package Technical Information

WEIGHT :

AP43 Transfer pump - 3.1 kg, 7 lbs (empty)

NT70 neutralization tank - 4.5 kg, 10 lbs (empty)
82.5 kg, 180 lbs (with media)

PUMP CONFORMS TO ANSI/UL STD. 778
CERTIFIED TO CAN/CSA STD. C22.2 NO. 108

PUMP ELECTRICAL :

120/60/2.2A Amps, 250W

Comes with 6 ft long grounded type receptacle cord

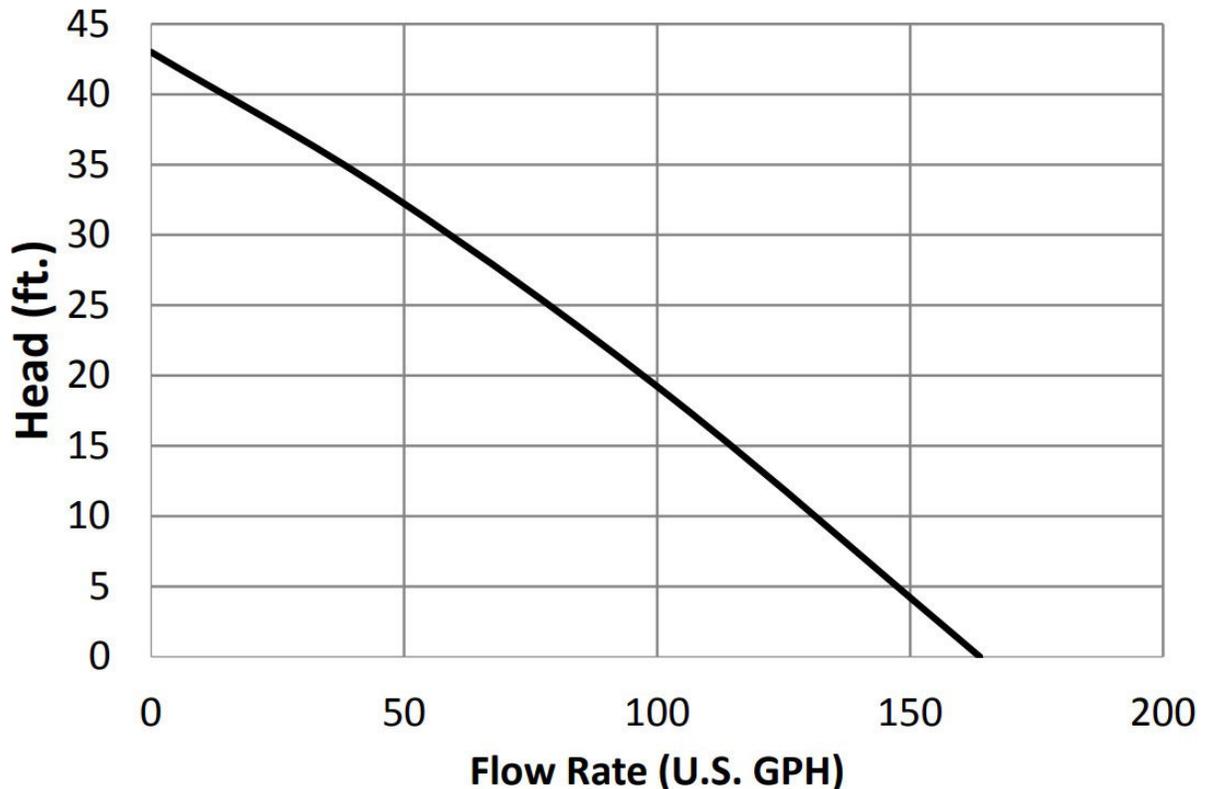
PUMP PERFORMANCE :

Submerged pump is self-priming Maximum
liquid temp. 70 C (158 F)



4007096

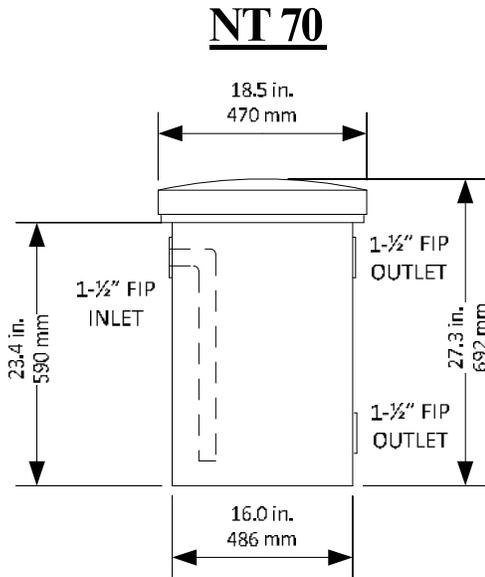
AP43 Pump Curve



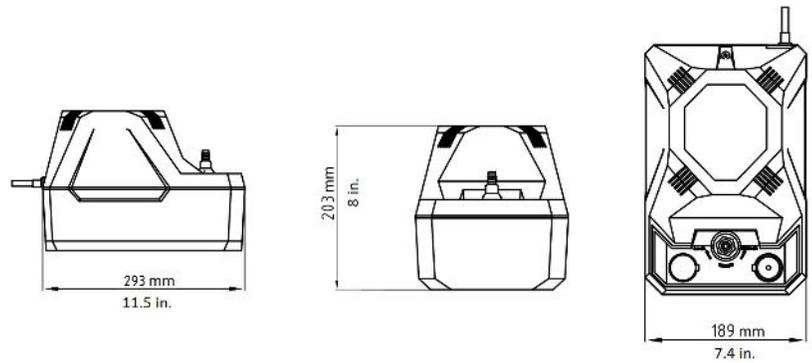


NT70-AP43 Condensate Transfer and Neutralization Package Technical Information

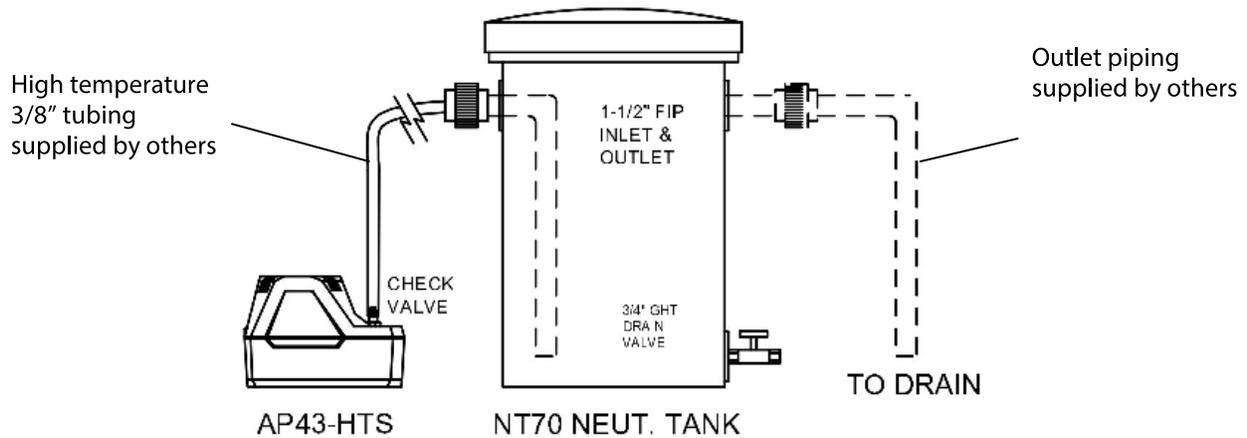
DIMENSIONS :



AP43-HTS



NT70-AP43





NT70-AP43 Condensate Transfer and Neutralization Package Technical Information

SPECIFICATION :

The condensate transfer and neutralization package shall be AXIOM INDUSTRIES LTD. Model **NT70-AP43** System shall include:

Condensate Transfer Pump : AXIOM INDUSTRIES LTD., Model AP43-HTS shall include 3.5 litre (0.9 U.S. gallon) tank and lid made from ABS, pump with thermal cut-out and electrically certified to CAN/CSA STD C22.2 no. 108 conforms to ANSI/UL STD 778; low level float switch; high level float switch with N.C. or N.O. contacts (factory set to N.C.) for remote alarm system; check valve; 6ft. long power cord. Power supply 120/60/1.91A.

Condensate Neutralization Tank : AXIOM INDUSTRIES LTD., Model NT70 shall include 72 litre (19.4 USG) tank and lid made from LLDPE construction with three 1-1/2" FNPT inlet/outlet connections, three 1-1/2" MNPT x 3/4" FNPT PVC reducer bushings, PVC ball valve 3/4" MNPT x 3/4" MGHT, two 3/4" MNPT x 3/4" FNPT PVC unions. Comes with 78 kg (170 lbs) of Axiom's LipHter neutralization media. Each tank can neutralize up to 2.2 gpm (8.4 L/min) of condensate. Check with the appliance manufacturer for condensate flowrate.

As a guideline 20,000,000 BTU/hr at 96% efficiency will produce approximately 2.2 gpm (8.4 L/min).

OPTIONAL ACCESSORIES :

NM15 - Replacement LipHter neutralization media. Five NM15 recharge kits are required to fill the NT70.

LIMITED WARRANTY :

The NT70-AP43 is warranted against defects in materials and workmanship for one year.



Project

Location

Consultant

Contractor

Unit Tag

Sales Agent