Mytee ETM-LX-PLUS Escape Triple HEATED Package PreHeater Post Heat Exchanger Titanium 425Psi Bundle 20220528



Model Number: 20220528

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Manufacturer: Clean Storm

Mytee ETM-LX-PLUS Escape Hot water Transfer package PreHeater Post Heat Exchanger Titanium Medium Pressure Heater 425Psi Bundle 20220528
(2 month build time required)

Helps that the heat from the vacuum motors 185 degree exhaust and transfers to the high pressure rinse water after the water pump as well as to the water box as a pre-heater
100% more water molecule vibration than standard garden hose water temperature.

- Medium pressure exchanger is constructed of titanium shell and titanium coil
- Rolled formed to shape and then precision weld
- Specialty designed built in flow restrictor to assure maximum heat exchange
- Designed to minimize pressure loss in the heating system
- Leak tested to assure that they are totally functionable
- Compact in size and require minimum installation space
- Significant energy savings
- Equipped with stainless steel holding brackets

Max BTU Output:

135,000

Max Hot Water Flow:

11 GPM

Max Air Flow:

225 CFM

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Heat Transfer Area:

2.5 Sq. Ft

Empty Weight (lbs):

4 lbs

Water Connection:

1"

Air Connection:

1-1/2"

Length (Inches):

20"

Width:

5-1/8"

Max. Working Pressure:

425 psi

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Max. Working Temp (F):

230°F

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Notes: This bundle is everything you might need to heat the water for a the Mytee Escape truckmount on the medium pressure side, low pressure side, as well as transfering water from the home to the truck.
Water and air flow should be in opposing directions for best results.
Do not allow to freeze.
Heat exchanger will not work until the wand is on the floor. I takes 5 minutes for the vacuum motors air exhaust to heat up after the wand on the floor removes over 50% of the air flow from the partial occlusion.
Heat exchanger is stored on the side of the truckmount so the hot air can blow out the door of the van or trailer. Water flow is the opposite of air flow direction. The high pressure water comes in the front and the hot water comes out the rear while the hot air comes in the rear and leaves the front. You will have to have a jumper hose from the high pressure out off the face of the machine to the heater intake.
The air coming out of the back of the Escape Plus is over 185 degrees F once the one is on the floor and they have been running for 5 minutes. This kit includes the 450 degree rated silicone hose below. Please stack the medium pressure heater with the low pressure heater bundle below with a high temperature nylon pipe nipple (see bottom of this webpage.) The medium pressure heater must be installed closest to the hot air and the low pressure mounted secondary near the face of the truck mount when using both heaters. In other words, use the air that leaves the medium pressure heater is used to feed the low pressure heater with a 1.5" nylon pipe nipple.
425 max cleaning psi, so for tile cleaning. Please disconnect the high pressure hose from this heater if you need to clean with more pressure.
Heater does not include installation instructions as you should be able to self install with the parts at hand. All parts shipped loose. Bundle does not include required teflon pipe tape or pipe dope. If you set the wand down and quit cleaning it is not possible to over heat the water since the air is only 185 degrees F.
1 year manufacture's warranty against manufactured defects, but not against freeze damage or over pressurization damage.
This bundle is all three heating systems, Hot water transfer from home to machine, low pressure heat exchange to pre-heat water box, and post heater for medium pressure cleaning set at 425 psi. System does not use any electricity to heat the water.

Flow of the hot water:

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From customers shower or bathroom sink (adapters provided) > 100 ft hot water hose > reel > 10 foot 3/8" ID jumper hose to low pressure heat exchanger (fitting closest to the front of the heater)> leaves heater on rear fitting > 6 ft jumper garden hose > 90 degree fitting > pressure reduction valve > Escape female garden hose connection > falls into tank > pressure pump > high pressure out on face panel > male brass QD > Street 90 brass > 6 foot high pressure 1/4" ID jumper hose > Medium pressure heat exchanger (closest fitting to the front) > Leaves heat exchanger (rear fitting) > goes to your wand.
**Note for tile cleaning disconnect the carpet cleaning off rear medium pressure heat exchanger and snap into front panel. OK to still use the low pressure pre heater.

Flow from hot air:
back of Escape > Male Lynx X barbed connector with hose clamp > 2" ID silicon Hose with hose clamp > 2" barbed X 1.5" Pipe connector > Titanium Medium pressure heat exchanger > Nylon High temperature 1.5" hex nipple > Low pressure heat exchanger (steel housing, stainless inside) > out 2" Fip on heat exchanger.

Bundle includes these items below (click on links below to open in new tab or to purchase separately):

Clean Storm 20220527 Live Reel with 100 ft Hot Water Transfer Garden Hose 3/8in ID Hose with Jumper hose Included

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Mytee ETM-LX-PLUS Escape Pre Heat Exchanger Only Stainless Steel Low Pressure 20220514 140Psi

White Magic B098 Water Pressure Reducer for Truckmounts to 50 psi

Brass 3/4 Female Pipe X Male Garden Hose Adapter 30073

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Clean Storm Garden Hose 90 Degree Turn Brass for Bathroom Sinks 20210929

Clean Storm Auto Fill Hose 6 ft By 1/2 Inch ID with 90 degree Fitting for Hot water Garden Hose 20130305

Plastic White Nylon High Temperature Hex Pipe Nipple 1-1/2 Inch Mpt 28618W

2in Barbed X 1-1/2in Mip Plastic Connector Vacuum Port 20130429 Insert Fitting AH69

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Question: Can this be used on the ETM-LX-115?
Answer: You can but since this other model only has 2 vacuum motors in it, it will not get near as hot.

Question: What is the side bleeder port connection size?
Answer: This is a dry well that does not need to be capped off. It is for 3rd party sensor to monitor the air temperature of the heat exchanger.

Question: Does the heat exchange reduce the air flow to the wand?
Answer: No it does not as once the wand is on the carpet the air flow through the truckmount is less than 50% of what it is open flow. The heat exchange can handle 225 cfm and so the truckmount open flow rating would have to be over 450 cfm before it was restricting the dry times. We tested the Escape plus to have 242 cfm open flow and 121 with the wand on the carpet. (sorry 350+ cfm from Mytee is a misprint) Read more HERE.

Question: What is the maximum water temperature I can achieve with this heater?
Answer: About 185 degrees F max. Example like in upholstery cleaning. Depending on your flow rate for carpet cleaning will be less. You can stack the low pressure heater with the medium pressure heater for improved results and also feed system with building supplied hot water with the hose reel below.

Question: Can you make this to handle higher pressures for tile cleaning?
Answer: So far no. The thicker walled metal makes it cost too much as well as then does not transfer the heat as well. Currently you have to disconnect the heater water pressure when cleaning tile.

Question: Will I get 135,000 BTU from a Mytee Escape ETM-LX-Plus?
Answer: No. This is the max BTU the heater can displace based on how you feed it. Example if I took an onboard gasoline generator 600 degree engine exhaust and mixed it with the 185 degree Mytee exhaust and was performing a low water flow cleaning, like cleaning with an upholstery wand.

Compare to current or past OEM associations:
225015885597

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MF135T -->
More Questions and Answers in the Forums:
Evolution of Mytee Escape ETM Truckmounts

Can the Mytee Escape PLUS really product 350 CFM?

Mytee Escape LX-Plus: Regulated to 1000 psi - What does this mean?

Ford F-150 Lightning Pro Power 9.6-Kw capable of running a Mytee Escape ETM-LX-Plus?
Optional

Magnetic Clamp-On Water Softener Descaler for Truckmount & Portable Carpet Cleaning Machines 20260425

- Helps prevent scale buildup in pipes, coils, heaters, and carpet cleaning heat exchangers
- Reduces or eliminates routine monthly descaling in many applications
- Clamp-on installation — no cutting, plumbing, salt, chemicals, or cartridge replacement
- Maintenance-free design — no salt, resin, plastic pellets, filters, or media to flush
- Improves heat transfer efficiency by helping keep mineral buildup off heater surfaces
- May improve water flow / GPM by helping reduce mineral restriction over time
- Only 4 inches long for installation in tight areas on portable and truckmount equipment
- Longer Equipment lifespan

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Availability: This product was added to our catalog on Thursday 26 May, 2022

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