Coolant Powered

# COOLANT DISTRIBUTION MANIFOLDS

ISO 9001-2015

AFCPCDM-010520

Coolant Distribution Manifolds provide a common connection point for coolant lines when installing multiple heat exchangers. They also provide a more secure connection than multiple Tee or Wye fittings, and fewer connection points that could be potential leak points. Every Arctic Fox® Coolant Distribution Manifold is made of 100% stainless steel for maximum durability and compatibility with fluids and working environments. There are two types of manifolds, single chamber and dual chamber. Arctic Fox® currently offers three single chamber models and four dual chamber models each with their own unique connection port sizes and geometry.

## Function

**The Coolant Manifold is used in Arctic Fox® Fuel & Fluid Management Systems to help the distribution of coolant through multiple heat exchangers. It may also be used to eliminate the use of multiple wye and tee fittings and to reduce the number of connections.**

## Applications

Mining
Oil & Gas
Heavy Duty Trucks
Vocational Truck

## Features

- Stainless steel design
- Standard NPT connections permit the use of a variety of hose connections
- Port sizes and configurations allow for use on unique applications
- Variety of model sizes available

## Benefits

- Prevents potential leak points which can cause loss of system efficiency
- Reduce the number of connections in the heating system


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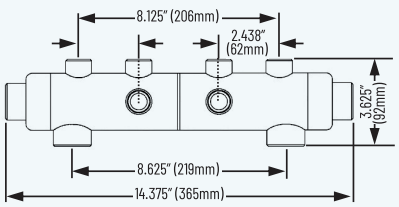
**Productivity won't wait for a warm day.**

**Using 3D software? Try out our models!**

Contact us at info@arctic-fox.eu and start engeneering.

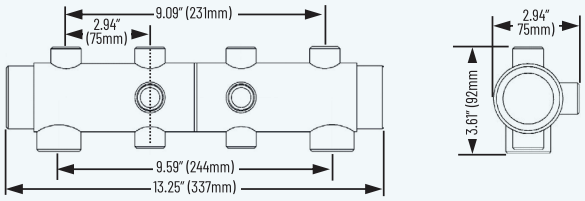
# **Specifications** (dimensions in inches and millimetres)




## ST-1596

**Dual chamber, typically used on systems with up to a 50 thousand BTU Coolant Preheater**

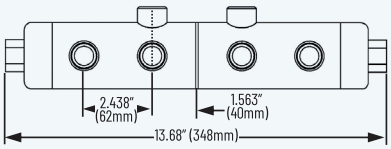
| Input connections: | Output connections: |
|---|---|
| • One 1" NPT inlet | • One 1" NPT inlet |
| • One 1" NPT outlet | • Three ½" NPT inlets |
| • Three ½" NPT outlets | • One 1" NPT outlet |




## ST-2520

**Dual chamber, typically used on systems with a 80–100 Thousand BTU Coolant Preheater**

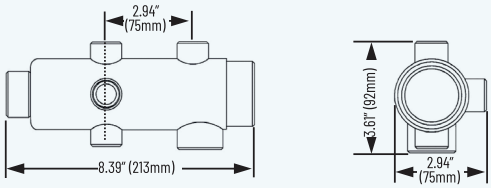
| Input connections: | Output connections: |
|---|---|
| • One 1 ½" NPT inlet | • One 1" NPT inlet |
| • One 1" NPT outlet | • Four ½" NPT inlets |
| • Four ½" NPT outlets | • One 1 ½" NPT outlet |




## ST-1596SC

**Dual chamber, typically used on Scania vehicles**

| Input connections: | Output connections: |
|---|---|
| • One ½" NPT inlet | • Three ½" NPT inlets |
| • Three ½" NPT outlets | • One ½" NPT outlet |



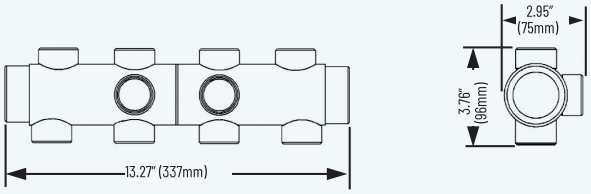

## ST-2580

**Single chamber, typically used in place of multiple Tee's**

| Connections: |
|---|
| • One 1 ½" NP |
| • Two 1" NPT |
| • Four ½" NPT ports |

**Need more measurements?** Technical drawings are available on request. Please contact us at info@arcticfox.eu or call +31 (0)165 55 92 45

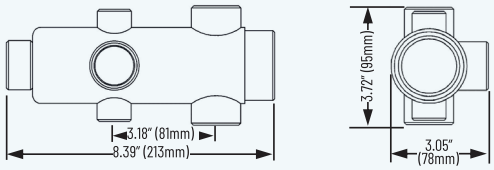
# **Specifications** (dimensions in inches and millimetres)




## ST-5136

**Dual chamber, typically used on systems with a 80-100 Thousand BTU coolant preheater**

| **Input connections:** | **Output connections:** |
|---|---|
| • One 1 ½" NPT inlet | • Five 1" NPT inlets |
| • Five 1" NPT outlets | • One 1 ½" NPT outlet |

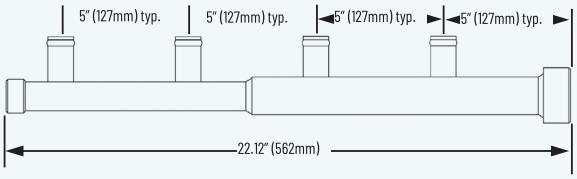



## ST-5809

**Single chamber, typically used in place of multiple Tee's**

**Connections:**

- One 1 ½" NP
- Four 1" NPT
- Two ½" NPT ports




## A-5562

**Single chamber, vertical mount, typically used when multiple SF-5139 Heat Exchangers are used in parallel, or as an extension**

**Connections:**

- One 1 ½" NPT inlet
- Four 1" O.D Hose barb outlets
- One ¾" NPT outlet

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