



MAXLINE®

BY RAPIDAIR

GENERAL SYSTEM 1/2", 3/4", & 1"

Installation Instructions

PLANNING/LAYOUT

Before beginning the installation, create a plan as to the location of the air compressor and where you are going to mount the compressed air outlets. On the plan locate outlets, tees, and elbows if needed.

AIR COMPRESSOR

Use a flexible jumper hose from the air compressor to the filter regulator unit to reduce vibration to the Maxline tubing.

FILTER REGULATOR

A good quality filter regulator is recommended to catch particles, moisture and oils entering the air system as well as to maintain a constant pressure to your air tools.

RATINGS

200 psi at 73°F | 160 psi at 140°F
ASTM F1282

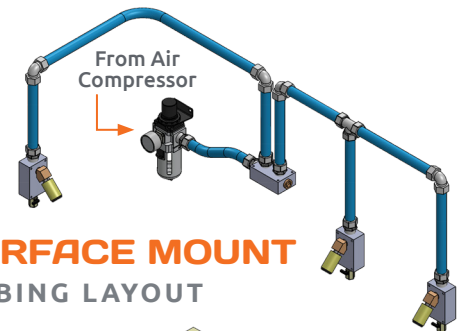
Always pressure test system before burial, or closing up walls

BENDING THE TUBING

The Maxline tubing can be bent to hold any shape. Care should be taken not to kink the tubing, but rather bend the tubing in a sweeping radius around corners and obstacles. Elbow fittings are available for sharp corners.



3/4" SURFACE MOUNT TUBING LAYOUT

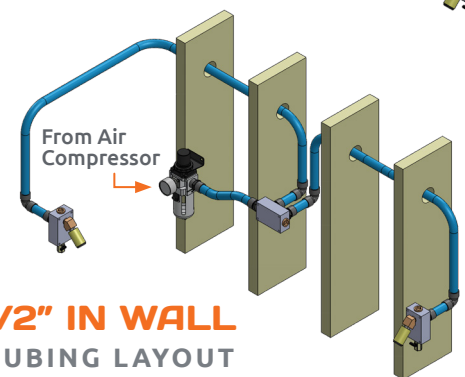


1/2" SURFACE MOUNT TUBING LAYOUT

TUBING INSTALLATION

Maxline tubing will expand and contract slightly with changes in temperature.

Use wall clips spaced 5 ft. for 3/4" and 1" tubing, 3 ft for 1/2" tubing.



1/2" IN WALL TUBING LAYOUT

ASSEMBLY OF THREADED COMPONENTS

Assemble all NPT threads with two wraps of teflon tape and then PIPE SEALANT which prevents thread galling.




If you are experiencing trouble with this product, or missing parts, please call 800-954-3310 for assistance DO NOT RETURN TO STORE.

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BY RAPIDAIR

Tools and Installation


1 CUT the tubing square with the cutter, **ROTATING** wrist while cutting




2 BEVEL the inside of the tubing by inserting the reaming tool and rotating it at least 3 full turns. Use:

- Peg #32 for 1" tubing
- Peg #25 for 3/4" tubing
- Peg #16 for 1/2" tubing

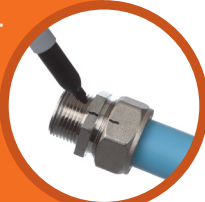
Remove nut and split ring from fitting and place on tubing



3 PUSH the fitting onto the tubing and fully against the shoulder of the fitting (soapy water will help this process)



4 TURN the nut hand tight. Put a reference mark on the nut and fitting body



5 TIGHTEN nut with wrench a minimum 3/4 of a turn or until tight



We hope the Rapidair system blesses your life, thanks for the purchase. We thank Jesus Christ, who made the ultimate purchase, our salvation thru His death. Read the Bible, you will be amazed at what you find.



M3810

Front of block is ported 1/4" Female NPT, all others are 3/8" NPT

M7510 & M8101

Front of block is ported 1/2" NPT Female. Coupler Not Included



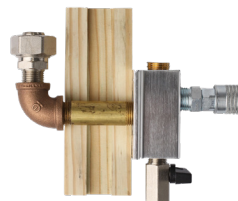
M8200, M8201 & M8203

Front of block is ported 1/2" NPT Female (x4)



M8200V, M8201V & M8203V WITH SHUT-OFF

Front of block is ported 1/2" NPT Female (x4)



M3810W & M7510W

Thru wall outlet

no paste or teflon tape required on fitting nuts



⚠ WARNINGS

- Regulate system pressure to a maximum of 200 psi.
- Pressurize system slowly.
- Turn off air compressor when not in use.
- Check local building codes before installation.
- Do not point compressed air source at any part of your body or at any person.
- Always use eye protection when using compressed air.
- **WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.
- **CONTAINS LEAD: MAY BE HARMFUL IF EATEN OR CHEWED. MAY GENERATE DUST CONTAINING LEAD. KEEP OUT OF THE REACH OF CHILDREN.**
- Wash hands after handling.

Engineered Specialties LLC

1-800-954-3310 • Auburndale, WI • www.rapidairproducts.com

M3800 1/2" MASTER KIT

MAXLINE®

BY RAPIDAIR

Installation Instructions

PLANNING/LAYOUT

Before beginning the installation, create a plan as to the location of the air compressor and where you are going to mount the compressed air outlets. On the plan locate outlets, tees, and elbows if needed.

AIR COMPRESSOR

Use a flexible jumper hose from the air compressor to the filter regulator unit to reduce vibration to the Maxline tubing.

FILTER REGULATOR

A good quality filter regulator is recommended to catch particles, moisture and oils entering the air system as well as to maintain a constant pressure to your air tools.

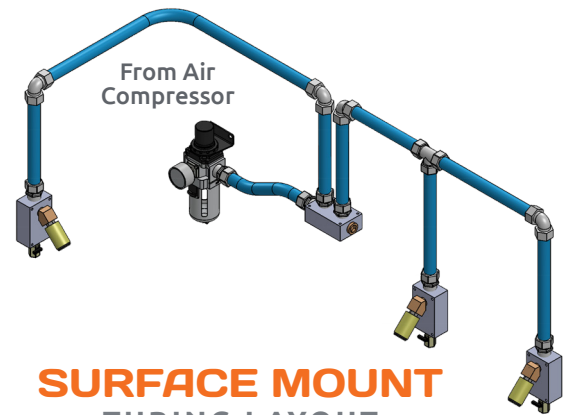
RATINGS

200 psi at 73°F | 160 psi at 140°F
ASTM F1282

**Always pressure test
system before burial,
or closing up walls**

BENDING THE TUBING

The Maxline tubing can be bent to hold any shape. Care should be taken not to kink the tubing, but rather bend the tubing in a sweeping radius around corners and obstacles. Elbow fittings are available for sharp corners.

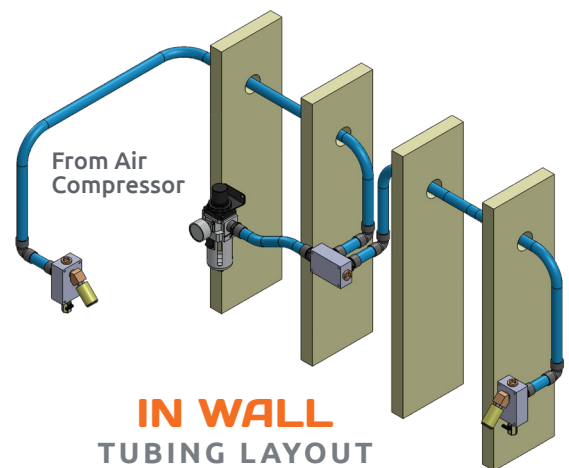


SURFACE MOUNT TUBING LAYOUT

OR

TUBING INSTALLATION

Maxline tubing will expand and contract slightly with changes in temperature. Space tubing clips every 3 ft for surface mount.



IN WALL TUBING LAYOUT

ASSEMBLY OF THREADED COMPONENTS

Assemble all NPT threads with two wraps of teflon tape and then PIPE SEALANT which prevents thread galling.



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M3800 1/2" MASTER KIT

MAXLINE®

BY RAPIDAIR

Tools and Installation

1

CUT the tubing square with the cutter, **ROTATING** wrist while cutting



2

BEVEL the inside of the tubing by inserting the reaming tool and rotating it at least 3 full turns



Use peg #16 for 1/2" tubing Remove nut and split ring from fitting and place on tubing



3

PUSH the fitting onto the tubing and fully against the shoulder of the fitting (soapy water will help this process)



4

TURN the nut hand tight. Put a reference mark on the nut and fitting body

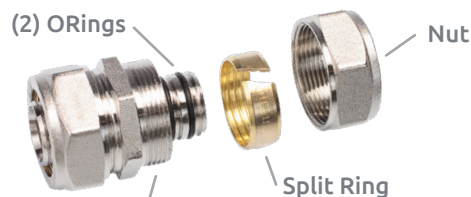


5

TIGHTEN nut with wrench a minimum 3/4 of a turn or until tight

M3800 MASTER KIT PARTS LIST

- (1) #M6026 100ft 1/2" Maxline Tubing
- (1) #M38220 Manifold Block
- (3) #90120 Outlet Blocks
- (4) #50135 3/8" NPT Plugs
- (1) #M8010 Tee Fitting
- (5) #M8080 Elbow Fittings
- (3) #50120 3/8" NPT Drain Valves
- (3) #50130 1/4" 45 Deg Brass St. Elbows
- (6) #M8001 1/2" Tubing x 3/8" NPT Fittings
- (1) #M8002 1/2" Tubing x 1/2" NPT Fitting
- (1) #M8095 Bevel Tool
- (1) #M8091 Tubing Cutter
- (5) #M8054 Spare O-Rings




no paste or teflon tape required on fitting nuts



Front of block is ported 1/4" Female NPT, all others are 3/8" NPT

⚠️ WARNINGS

- Regulate system pressure to a maximum of 200 psi.
- Pressurize system slowly.
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- Always use eye protection when using compressed air. 
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- Wash hands after handling.

We hope the Rapidair system blesses your life, thanks for the purchase. We thank Jesus Christ, who made the ultimate purchase, our salvation thru His death. Read the Bible, you will be amazed at what you find.

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M7500 3/4" MASTER KIT

MAXLINE®

BY RAPIDAIR

Installation Instructions

PLANNING/LAYOUT

Before beginning the installation, create a plan as to the location of the air compressor and where you are going to mount the compressed air outlets. On the plan locate outlets, tees, and elbows if needed.

AIR COMPRESSOR

Use a flexible jumper hose from the air compressor to the filter regulator unit to reduce vibration to the Maxline tubing.

FILTER REGULATOR

A good quality filter regulator is recommended to catch particles, moisture and oils entering the air system as well as to maintain a constant pressure to your air tools.

RATINGS

200 psi at 73°F | 160 psi at 140°F
ASTM F1282

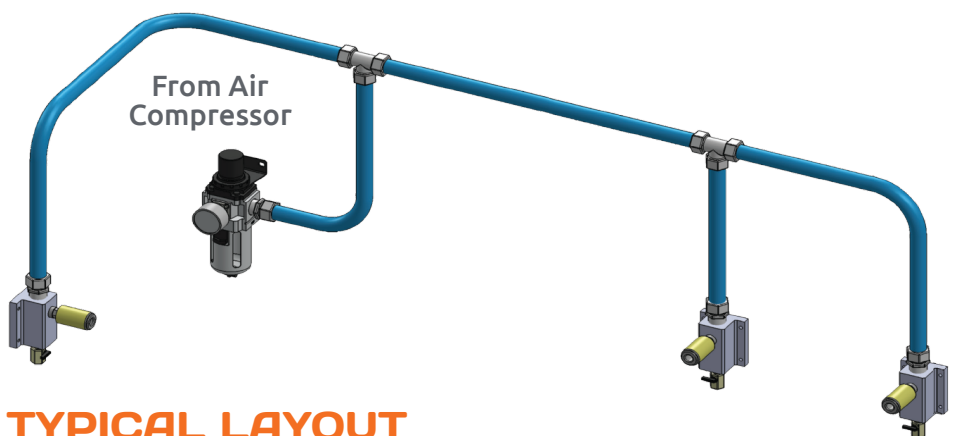
**Always pressure test
system before burial,
or closing up walls**

BENDING THE TUBING

The Maxline tubing can be bent to hold any shape. Care should be taken not to kink the tubing, but rather bend the tubing in a sweeping radius around corners and obstacles. Elbow fittings are available for sharp corners.

TUBING INSTALLATION

Maxline tubing will expand and contract slightly with changes in temperature. Space tubing clips every 5 ft for surface mount.



TYPICAL LAYOUT

ASSEMBLY OF THREADED COMPONENTS

Assemble all NPT threads with two wraps of teflon tape and then PIPE SEALANT which prevents thread galling.



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M7500 3/4" MASTER KIT

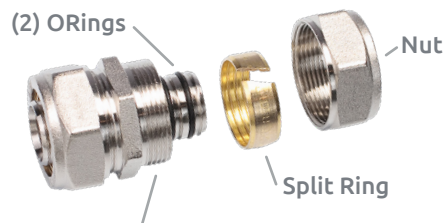
MAXLINE®

BY RAPIDAIR

Tools and Installation

M7500 MASTER KIT PARTS LIST

- (1) #M6030 100ft 3/4" Maxline Tubing
- (1) M8003 3/4" Tubing x 3/4" NPT Fitting
- (3) M8005 3/4" Tubing x 1/2" NPT Fittings
- (3) 50120 3/8" NPT Drain Valves
- (2) #M8065 Mount Clips (10/pk)
- (3) M81010 Aluminum Blocks
- (2) M8011 Tee Fittings
- (3) 50136 1/2" NPT Plugs
- (1) #M8095 Bevel Tool
- (1) #M8091 Tubing Cutter
- (5) #M8055 Spare O-Rings




no paste or teflon tape required on fitting nuts

Front of block is ported 1/2" Female NPT. If your couplers are 1/4 NPT thread use a reducer bushing.

Coupler and Bushing not included



⚠️ WARNINGS

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1

CUT the tubing square with the cutter, ROTATING wrist while cutting



2

BEVEL the inside of the tubing by inserting the reaming tool and rotating it at least 3 full turns



Use peg #25 for 3/4" tubing, Remove nut and split ring from fitting and place on tubing



3

PUSH the fitting onto the tubing and fully against the shoulder of the fitting (soapy water will help this process)



4

TURN the nut hand tight. Put a reference mark on the nut and fitting body



5

TIGHTEN nut with wrench a minimum 3/4 of a turn or until tight

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M7580
3/4"
MASTER
KIT
300 FT.

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Installation Instructions

PLANNING/LAYOUT

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AIR COMPRESSOR

Use a flexible jumper hose from the air compressor to the filter regulator unit to reduce vibration to the Maxline tubing.

FILTER REGULATOR

A good quality filter regulator is recommended to catch particles, moisture and oils entering the air system as well as to maintain a constant pressure to your air tools.

RATINGS

200 psi at 73°F | 160 psi at 140°F
 ASTM F1282

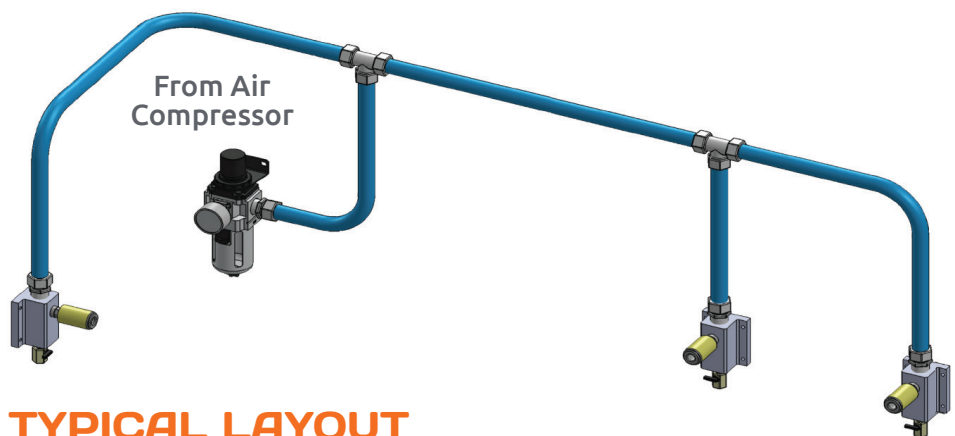
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BENDING THE TUBING

The Maxline tubing can be bent to hold any shape. Care should be taken not to kink the tubing, but rather bend the tubing in a sweeping radius around corners and obstacles. Elbow fittings are available for sharp corners.

TUBING INSTALLATION

Maxline tubing will expand and contract slightly with changes in temperature. Space tubing clips every 5 ft for surface mount.



TYPICAL LAYOUT

ASSEMBLY OF THREADED COMPONENTS

Assemble all NPT threads with two wraps of teflon tape and then PIPE SEALANT which prevents thread galling.



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M7580
3/4"
MASTER
KIT
300 FT.



Tools and Installation

1

CUT the tubing square with the cutter, **ROTATING** wrist while cutting



2

BEVEL the inside of the tubing by inserting the reaming tool and rotating it at least 3 full turns



Use peg #25 for 3/4" tubing, Remove nut and split ring from fitting and place on tubing

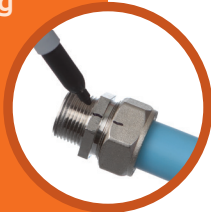
3

PUSH the fitting onto the tubing and fully against the shoulder of the fitting (soapy water will help this process)



4

TURN the nut hand tight. Put a reference mark on the nut and fitting body



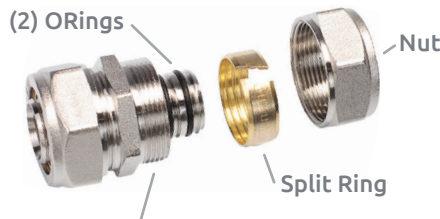
5

TIGHTEN nut with wrench a minimum 3/4 of a turn or until tight



M7580 MASTER KIT PARTS LIST

- (1) #M6031 300ft 3/4" Maxline Tubing
- (1) M8003 3/4" Tubing x 3/4" NPT Fitting
- (3) M8005 3/4" Tubing x 1/2" NPT Fittings
- (3) 50120 3/8" NPT Drain Valves
- (2) #M8065 Mount Clips (10/pk)
- (3) M81010 Aluminum Blocks
- (2) M8011 Tee Fittings
- (3) 50136 1/2" NPT Plugs
- (1) #M8095 Bevel Tool
- (1) #M8091 Tubing Cutter
- (5) #M8055 Spare O-Rings



no paste or teflon tape required on fitting nuts

Front of block is ported 1/2" Female NPT. If your couplers are 1/4 NPT thread use a reducer bushing.

Coupler and Bushing not included



⚠️ WARNINGS

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