



## Manifolds

Air Handling Systems Manifolds are designed for optimum airflow. All Manifolds are fabricated to industrial standards, including being fully welded creating an air tight seam for improved performance. Other styles have terribly inefficient airflow and require additional ceiling height.

The combinations of multi-tap configurations are limitless due to various dust port locations. We can easily provide a quote on a Multi-Tap Manifold, we just need a sketch with the following information to provide an accurate quote, or simply fill in information as requested in this document.

1. Provide a simple sketch of the manifold. We have provided several examples for you to reference, if one meets your needs simply fill in the specific dimensions and additional information.
2. Verify path of main duct approaching machine.
3. Designate the A & B diameter. End collars are male and 2" long.
4. Designate the placement and diameter of each branch (C, D, E, F, etc.). All branches are male end for flexible hose or spiral pipe to slide over, unless otherwise specified on the drawing.
5. Provide measurements from the small end (B) to the start of each tap.

### Additional Notes:

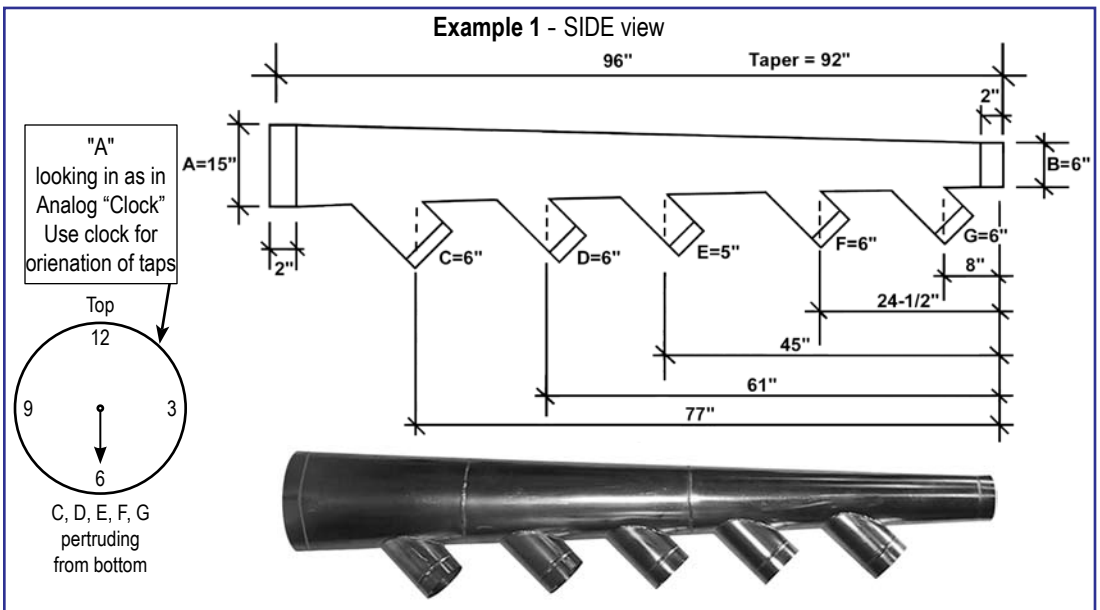
Branch can be on either side of the tapered body.

ALL branches at 45 degree, unless otherwise specified on the drawing.

For metric, simply convert metric size to closest inch. For example 110mm = 4 11/32", round up to 5". We can fabricate a custom adapter for machine outlet converting 110mm to 5" to fit flexible hose. We can also provide with metric taps to accommodate our metric flexible hose.



Multi-Tap Manifold (7 taps) for a cabinet manufacturer using an Edge Bander. Manifold shipped in 2 pieces via UPS.



Multi-Tap Manifold (4 taps) for a sander used in a custom cabinet facility.



Multi-Tap Manifold (4 taps) for a gang of shapers



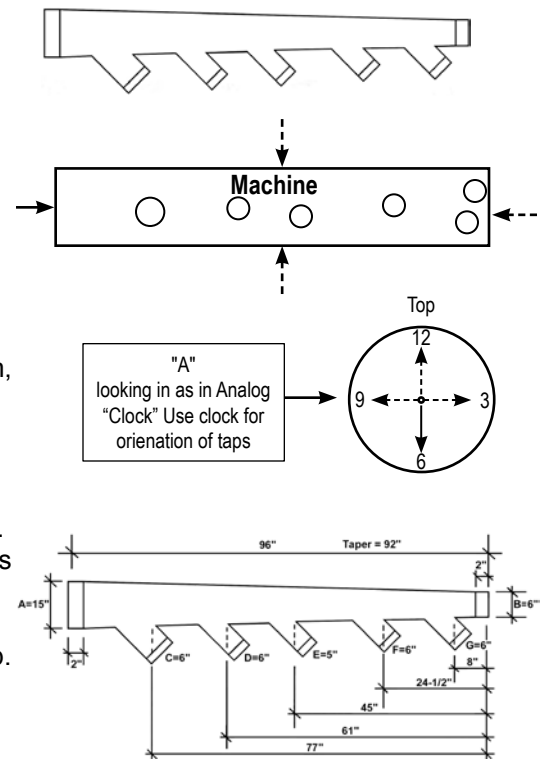
Multi-Tap Manifold (7 taps) for a sander used in a cabinet door facility.

Air Handling Systems - 5 Lunar Dr., Woodbridge, CT 06525

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## Directions to design a Manifold, sample as shown on page one.

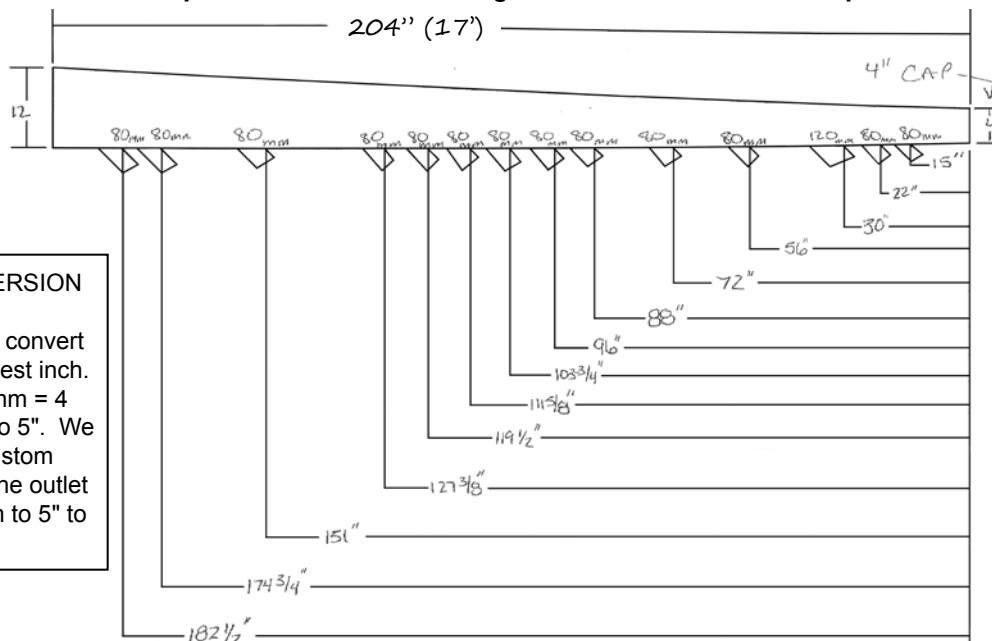
1. Provide a simple sketch of the manifold.
2. Verify path of main duct approaching machine. Duct can come into machine from any side, as shown by the arrows with dashes. In this example the main is coming in from the left.
3. Designate the A & B diameter. "A" looking in as in Analog "Clock" Use clock for orientation of taps. In this example four taps coming off bottom, at 6 o'clock. End collars are male and 2" long.
4. Designate the placement and diameter of each branch (C, D, E, F, etc.). All branches are male for flexible hose or spiral pipe to slide over, unless otherwise specified on the drawing.
5. Provide measurements from the smaller end (B) to the start of each tap.



### Additional Notes:

- Branch can be on either side of the tapered body.
- ALL branches at 45 degree, unless otherwise specified on the drawing.
- For metric, simply convert metric size to closest inch.

## Example from customer for edgebander with 14 METRIC taps



### METRIC CONVERSION

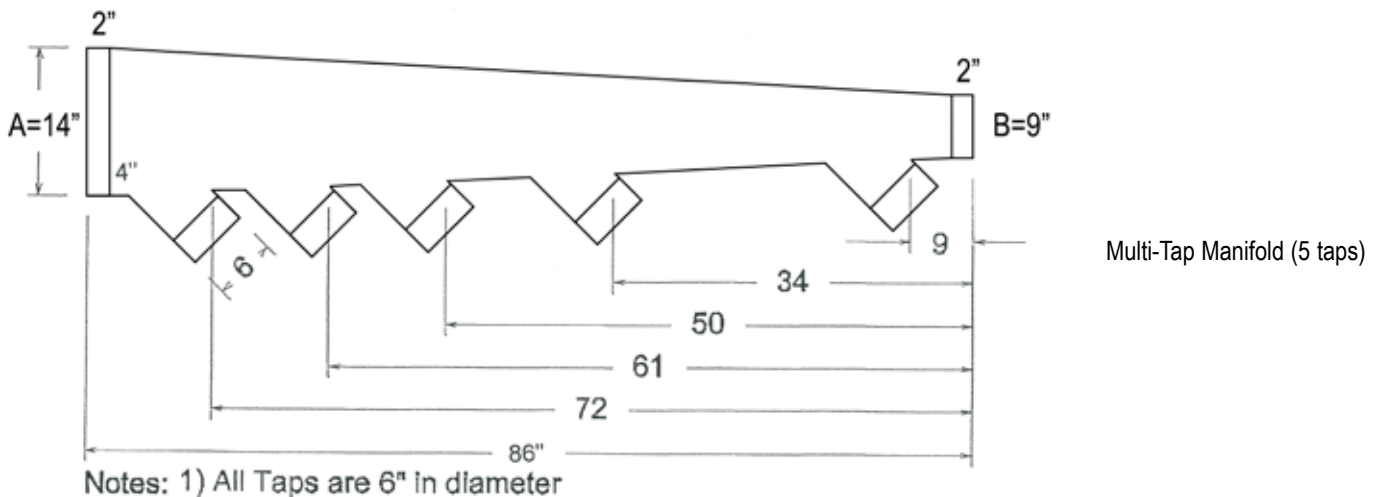
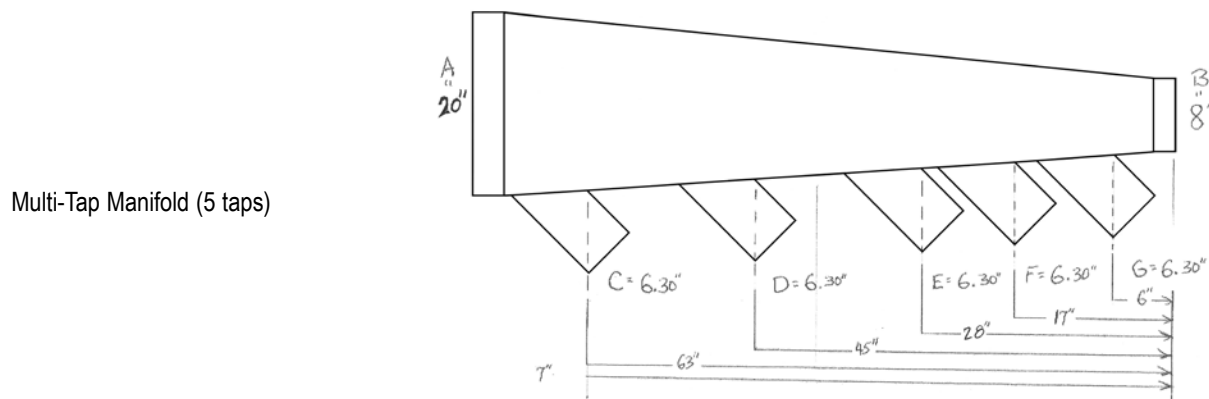
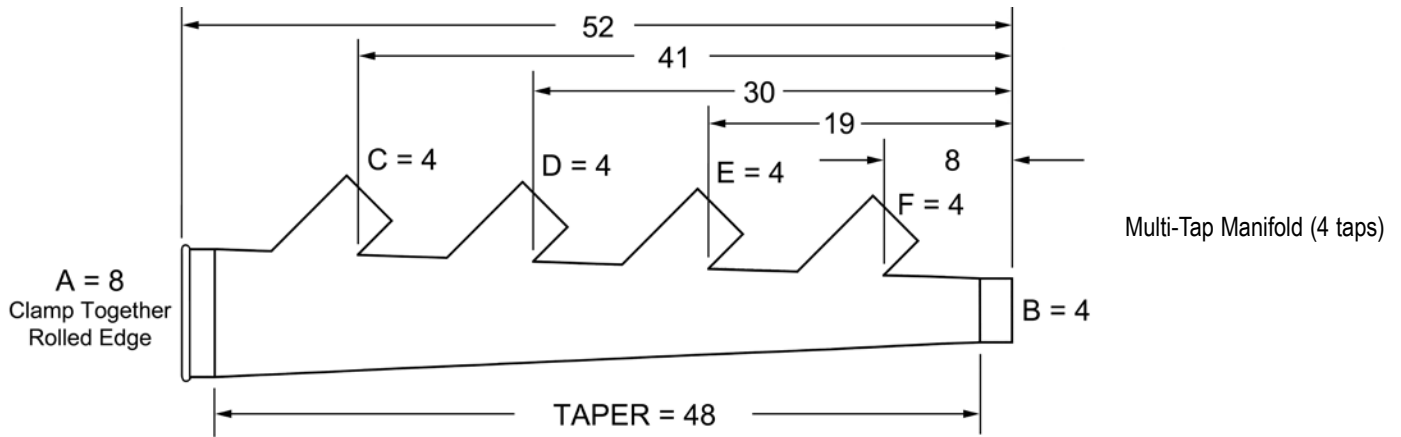
For metric, simply convert metric size to closest inch. For example 110mm = 4 11/32", round up to 5". We can fabricate a custom adapter for machine outlet converting 110mm to 5" to fit flexible hose.

Due to market changes and fluctuations beyond our control, specifications and pricing subject to change without notice. Buyers subject to terms and conditions of sale. Many states and localities have codes and regulations governing sales, construction, installation and or use of Products for certain purposes, which may vary from those in neighboring areas. While Air Handling Systems by Manufacturers Service Co., Inc. attempts to assure that its Products comply with such codes, it cannot guarantee compliance, and cannot be responsible for how the Product is installed or used. Before purchase and use of a Product, please review the Product application, national & local codes, regulations, and be sure that the Product, installation, and use will be in compliance. Copyright Air Handling Systems.

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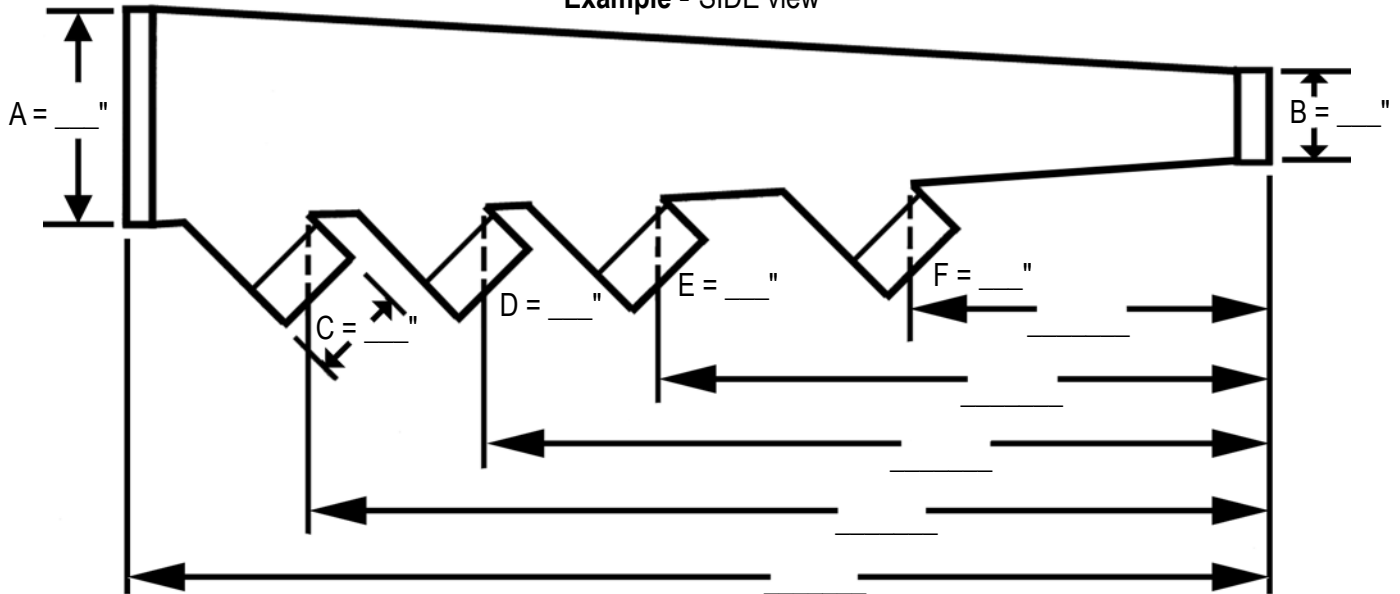
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## Examples from Customers

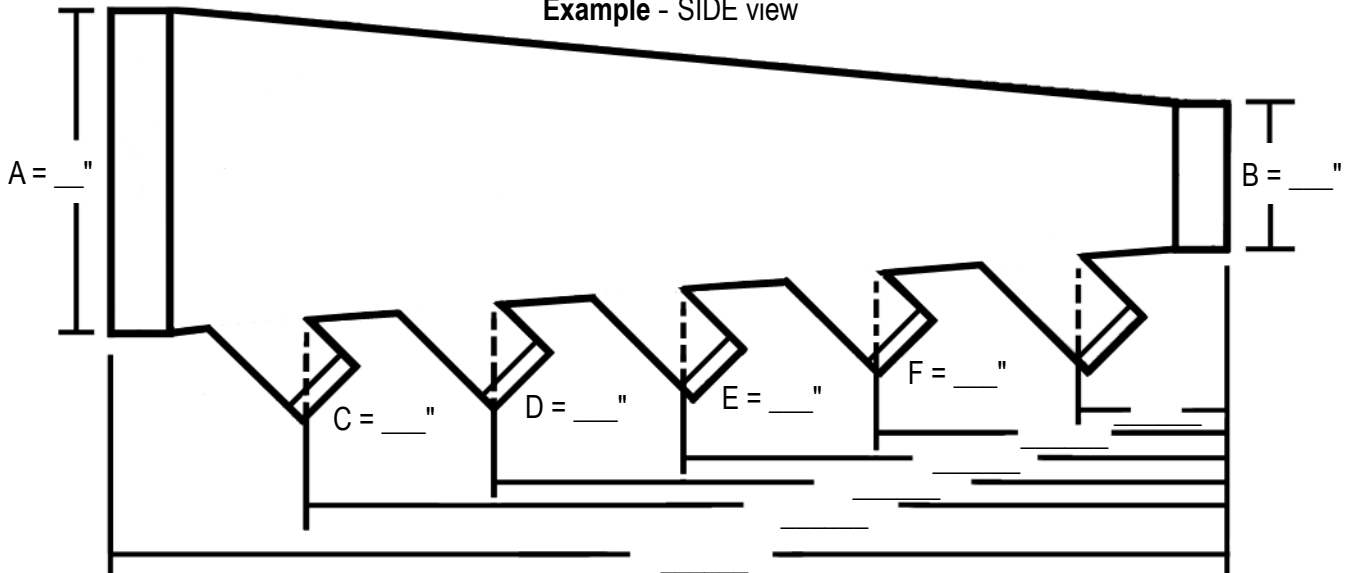


On the sketch, designate the A & B diameter. End collars are male and 2" long. Then, designate the placement and diameter of each branch (C, D, E, F, etc.). Next, provide measurements from the smaller end (B) to the start of each tap. Branches can be on either side of the tapered body.

Example - SIDE view



Example - SIDE view



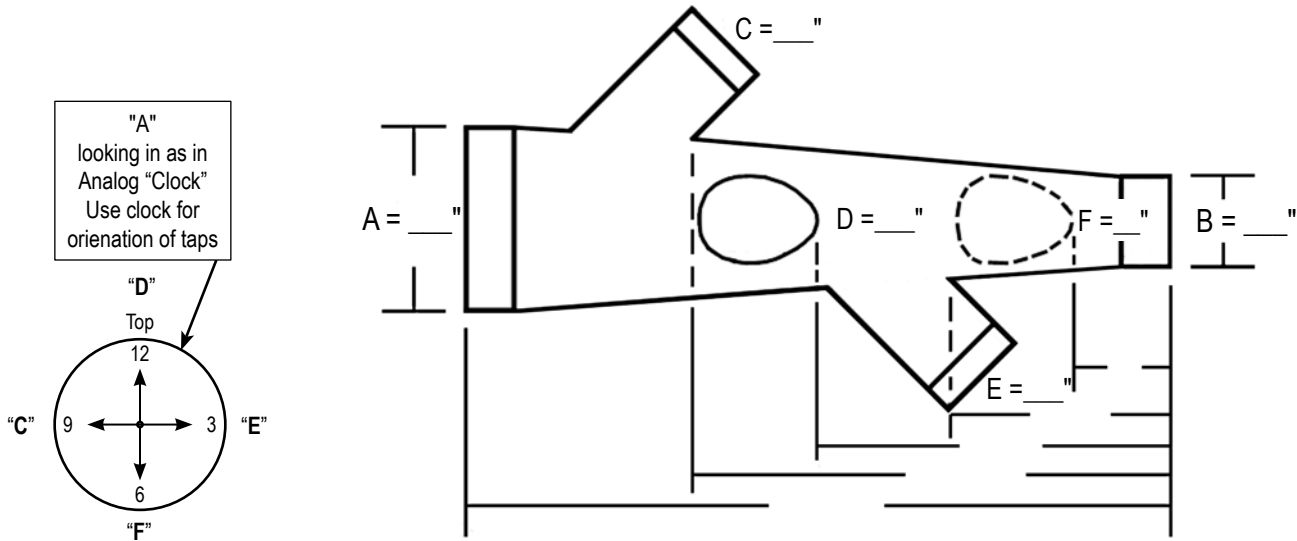
**Contact Information**

Company Name: \_\_\_\_\_  
 Contact Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

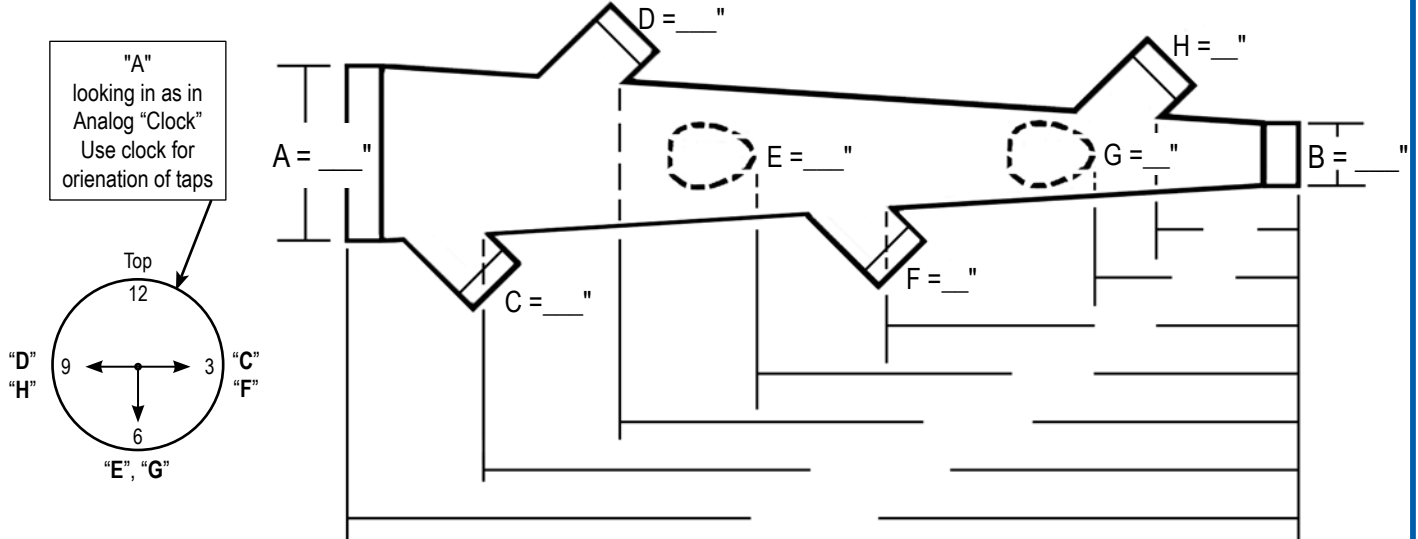
**Machine Information**

Machine Type: \_\_\_\_\_ Machine Brand/Model: \_\_\_\_\_  
 Number of dust ports and sizes: \_\_\_\_\_

**Example**  
 PLAN view (TOP looking down)



**Example**  
 PLAN view (TOP looking down)



**Contact Information**

Company Name: \_\_\_\_\_  
 Contact Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

**Machine Information**

Machine Type: \_\_\_\_\_ Machine Brand/Model: \_\_\_\_\_  
 Number of dust ports and sizes: \_\_\_\_\_  
 \_\_\_\_\_  
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