

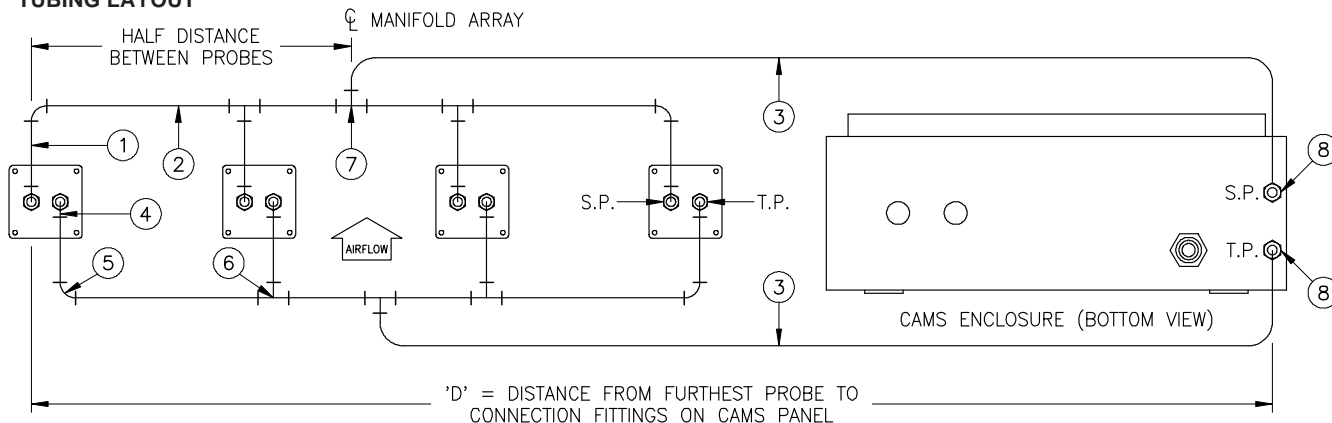
CAMS

TUBING REQUIREMENT FROM AIRFLOW MEASURING PROBES TO THE CAMS PANEL

FUNCTION

This Submittal Sheet specifies the signal tubing sizes and fitting requirements from the connection fittings on the probes to the center of the manifolding arrays, and from the center of the manifolding arrays to the connection fittings on the bottom of the CAMS Panel.

TUBING LAYOUT



| ITEM | DISTANCE 'D' | | |
|------|-------------------------------|---|---|
| | < 25 FT. | 25 - 50 FT. | > 50 FT. |
| 1 | 1/2" TUBE | 1/2" TUBE | 1/2" TUBE |
| 2 | 1/2" TUBE | 3/4" TUBE | 3/4" TUBE |
| 3 | 1/2" TUBE | 3/4" TUBE | 1" TUBE |
| 4 | 1/2" MPT X 1/2" COMP. ELBOW | 1/2" MPT X 1/2" COMP. ELBOW | 1/2" MPT X 1/2" COMP. ELBOW |
| 5 | 1/2" COMP. ELBOW | SEE FIGURE 'A' 3/4" COMP. X 3/4" FPT ELBOW & 3/4" MPT X 1/2" COMP. ADAPTER | SEE FIGURE 'A' 3/4" COMP. X 3/4" FPT ELBOW & 3/4" MPT X 1/2" COMP. ADAPTER |
| 6 | 1/2" COMP. TEE | SEE FIGURE 'B' 3/4" COMP. X 3/4" FPT BRANCH TEE & 3/4" MPT X 1/2" COMP. ADAPTER | SEE FIGURE 'B' 3/4" COMP. X 3/4" FPT BRANCH TEE & 3/4" MPT X 1/2" COMP. ADAPTER |
| 7 | 1/2" COMP. TEE | 3/4" COMP. TEE | SEE FIGURE 'B' 3/4" COMP. X 3/4" FPT BRANCH TEE & 3/4" MPT X 1" COMP. ADAPTER |
| 8 | 1/2" MPT X 1/2" COMP. ADAPTER | 1/2" MPT X 3/4" COMP. ADAPTER | 1/2" MPT X 1" COMP. ADAPTER |

RECOMMENDED TUBING WALL THICKNESS
 .035" WALL TUBING IS SUITABLE FOR COMPRESSION FITTINGS. IF SOCKET WELD FITTINGS ARE SUBSTITUTED, INCREASE WALL THICKNESS TO .065".

