

CAMS - High Capacity

TUBING REQUIREMENTS FROM THE AIRFLOW MEASURING PROBE ARRAY TO THE CAMS/HC ENCLOSURE

TUBING LAYOUT

'D' = DISTANCE FROM FURTHEST PROBE TO CONNECTION FITTINGS ON CAMS/HC ENCLOSURE

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

FIGURE 'A'

FIGURE 'B'

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