

# AUTO-purge III

## TUBING REQUIREMENTS FROM THE AIRFLOW MEASURING PROBE ARRAY TO THE AUTO-purge III ENCLOSURE

**TUBING LAYOUT**

'D' = DISTANCE FROM FURTHEST PROBE TO CONNECTION FITTINGS ON AUTO-purge III ENCLOSURE

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".

FIGURE 'A'

FIGURE 'B'

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