

ISSUE DATE:	11/10/25
ISSUED BY:	BRAD B.
DISTRIBUTION TYPE:	ALL
DISTRIBUTION DATE:	11/10/25
URGENCY:	LOW

EQUIPMENT LINE:	BARGUN
MODEL(S):	ALL MODELS
SN RANGE:	N/A
DATE OF CHANGE:	N/A
CHANGE TYPE:	INSTALLATION

BULLETIN TITLE:	TUBING INSTALLATION GUIDELINES
DOC NUMBER:	WB-TFN25316

DESCRIPTION OF NOTICE: GUIDELINES ON SUPPLY TUBING FOR INSTALLATION.

REASON FOR NOTICE: ISSUES CAN ARISE WHEN WATER AND SYRUP LINES ARE NOT ROUTED CORRECTLY TO THE GUN MANIFOLD. LATERAL FORCE PLACED UPON THE INPUT FITTINGS CAN CAUSE STRESS FRACTURES TO THE INPUT MODULES, CAUSING LEAKS ON VARYING SCALES. THE MOST TYPICAL CAUSE OF THIS LATERAL FORCE IS IMPROPER ROUTING OF THE WATER AND SYRUP LINES.

TUBING INSTALLATION PARAMETERS:

WHEN CONNECTING WATER AND SYRUP LINES TO THE MANIFOLD, IT IS CRITICAL THAT THE LINES APPLY ZERO LATERAL FORCE (LEFT/RIGHT/UP/DOWN) TO THE INPUT FITTINGS INSERTED INTO THE INPUT MODULES.

EVERY PRODUCT LINE CONNECTION TO THE MANIFOLD MUST MAINTAIN A MINIMUM OF 6 INCHES OF TENSION-FREE TUBING BETWEEN THE MANIFOLD AND ANY BENDING OF THE PRODUCT LINES.



OPTIONS FOR TIGHT SPACING ALLOWANCE:

IN MANY CASES, THE SPACE AVAILABLE TO MOUNT THE MANIFOLD IS LIMITED AND MINIMUM TENSION-FREE TUBING ALLOWANCES ARE DIFFICULT TO MEET. UNDER THESE CIRCUMSTANCES, THE OPTIONS BELOW WILL PROVIDE SAFE ALTERNATIVES:

- UTILIZE SPECIALTY INPUT FITTINGS**

THE TABLE TO THE RIGHT SHOWS DIFFERENT CONFIGURATIONS OF THE INPUT FITTINGS AVAILABLE FOR USE IN THE MANIFOLD. THE 90 DEGREE FITTINGS WILL ALLOW FOR THE MANIFOLD TO BE PLACED CLOSER TO ANY STRUCTURAL INTERFERENCE.

- BRACE LINES WITH ANCHORING CABLE TIES**

ANCHOR EACH PRODUCT LINE TO THE MANIFOLD MOUNTING SURFACE BETWEEN THE INPUT MODULE AND ANY BENDS IN THE TUBING WITH TWO CABLE TIES SPACED 1" APART. THIS WILL RELIEVE THE TENSION FROM THE INPUT MODULES ON THE MANIFOLD.

- GENTLY HEAT PRODUCT TUBES AT BENDING POINT**

USING A HEAT GUN, APPLY MODERATE HEAT TO THE TUBING AT THE BENDING POINTS. THIS WILL HELP THE TUBING ADJUST TO A SMALLER RADIUS WITHOUT KINKING.

1/4" FITTINGS	
PM10-9	INPUT FITTING - 1/4 - S/S
PM10-13	INPUT FITTING - 1/4 X 90 DEGREE - SS
PM10-47	INPUT FITTING - 1/4 - LONG, SS
PM10-61	INPUT FITTING - 1/4 X 45 DEGREE - SS
3/8" FITTINGS	
PM10-11	INPUT FITTING - 3/8 - SHORT - SS
PM10-12	INPUT FITTING - 3/8 - LONG - SS
PM10-53	INPUT FITTING - 3/8 X 90 DEGREE - SHORT, S/S
PM10-59	INPUT FITTING - 3/8 X 45 DEGREE - LONG, SS
PM10-78	INPUT FITTING - 3/8 X 90 DEGREE - LONG
1/2" FITTINGS	
PM10-57	INPUT FITTING - 1/2 - LONG
PM10-58	INPUT FITTING - 1/2 X 90 DEGREE