

# Recommended Piping | Tempest®

## RECOMMENDED PIPING FOR 4441 AND 4442 TEMPEST GAS BURNERS IMPERIAL AND METRIC EQUIVALENTS

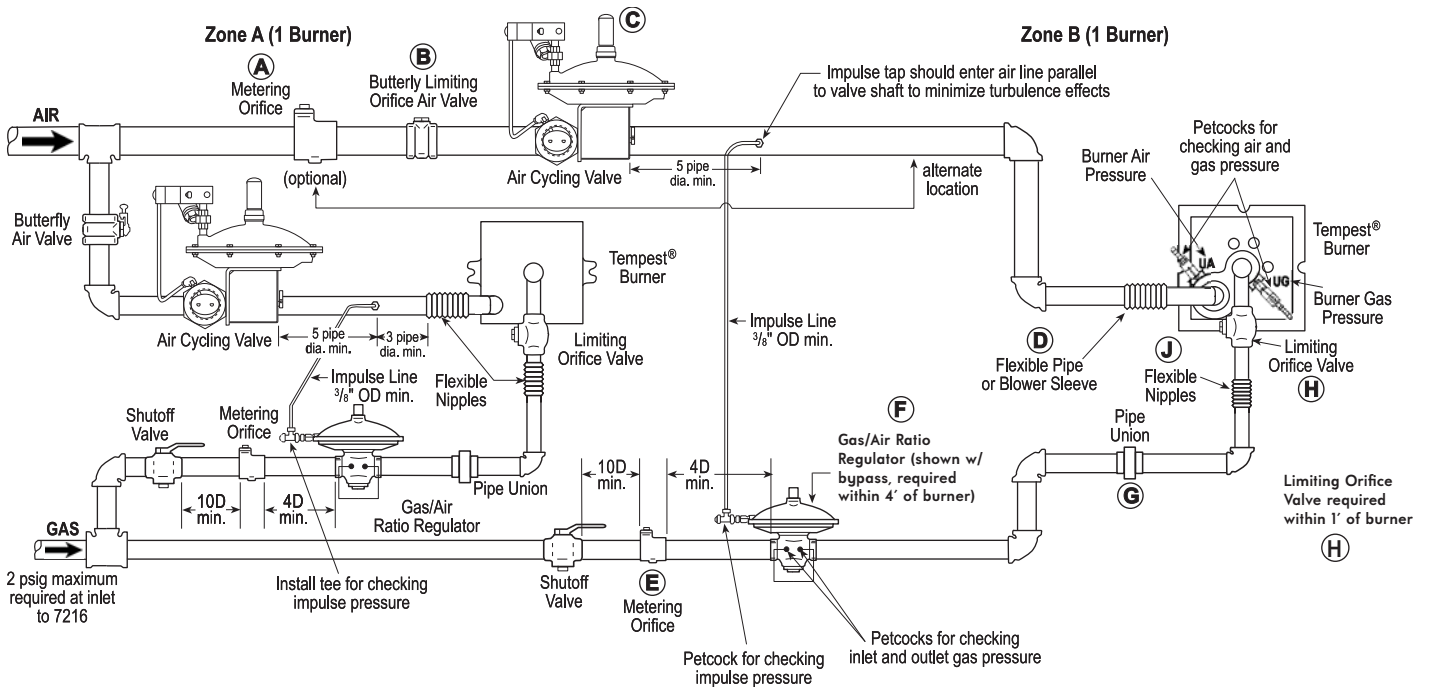


Table 1. Recommended component selection for 4441/4442 Tempest burners with StepFire™ Control.

Burner Size	Air Side				Fuel Side				
	A	B	C	D	E	F	G	H	I
-1	1¼"	1¼"	1¼"	1¼"	¾"	¾"	¾"	¾"	¾"
-2	1¼"	1¼"	1¼"	1¼"	¾"	¾"	¾"	¾"	¾"
-3	1½"	1½"	1½"	1½"	¾"	¾"	¾"	¾"	¾"
-4-A	2"	2"	2"	2"	1"	1"	1"	1"	1"
-4-B	2"	2"	2"	2"	1"	1"	1"	1"	1"
-5	2½"	2½"	2½"	2½"	1¼"	1¼"	1¼"	1¼"	1¼"
-6	3"	3"	3"	3"	1½"	1½"	1½"	1½"	1½"
-7	4"	4"	4"	4"	2"	2"	2"	2"	2"

### Legend for Table 1

- |  |  |
|--|--|
| <b>AIR</b>   | <b>FUEL</b>                            |
| A - 8697/8695 Metering Orifice (optional)                  | E - 8697 Metering Orifice              |
| B - 1122 Manual Air Valve                                  | F - 7216- - BP Regulator (with bypass) |
| C - 1196 StepFire Air Valve                                | G - Threaded Pipe Union                |
| D - 8770/8773 Flexible Connection or<br>2947 Blower Sleeve | H - 1807 Limiting Orifice Valve        |
|  | J - 8773 Flexible Pipe                 |

FNAC pipe code	-04	-03	-02	-01	-0	-1	-2	-3	-4	-5	-6	-7
NPS	⅛"	¼"	⅜"	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	4"
DN	6mm	8mm	10mm	15mm	20mm	25mm	32mm	40mm	50mm	65mm	80mm	100mm

NPS stands for nominal pipe size  
DN stands for diameter nominal