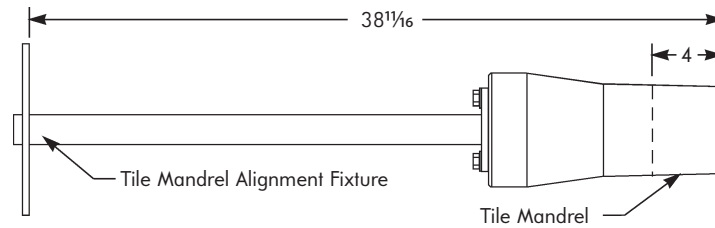


Installation Instructions | Quick Clean Burner

OPTIONAL TILE MANDRELS FOR RAMMED AND POURED WALLS

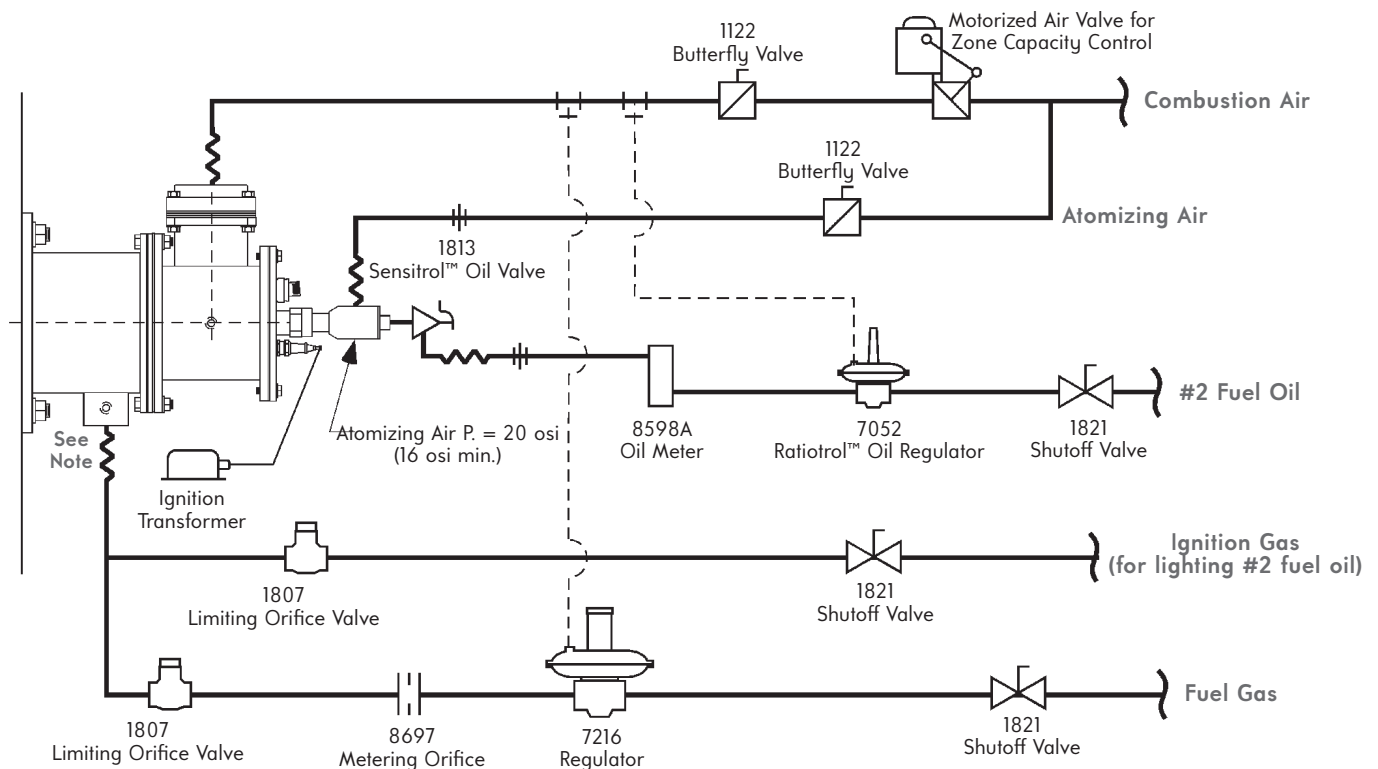
The 4419/6419 series burner requires a tile that is formed by ramming or pouring refractory around a mandrel in the furnace wall. Fives North American can supply an alignment fixture with a nickel plated aluminum mandrel. The alignment fixture holds the mandrel in the correct location relative to the burner exit. The nose of the mandrel also has 4" of extra length to accommodate curved wall construction.



4419/6419 Series	-6-A, -6-B	-7-A, -7-B
Tile Mandrel	4-33092-1	4-33093-1
Tile Mandrel Alignment Fixture	4-33094-1	
Tile Mandrel Assembly	4-32490-1	4-42129-1

TYPICAL RATIO CONTROL SCHEMATIC

Does not include gas train components. Atomizing air and oil lines are not used on the 4419 gas only version.



NOTE: Gas connection is shown at bottom for clarity. Whenever possible gas and air connections should not be located at the bottom of the burner on dual fuel applications.