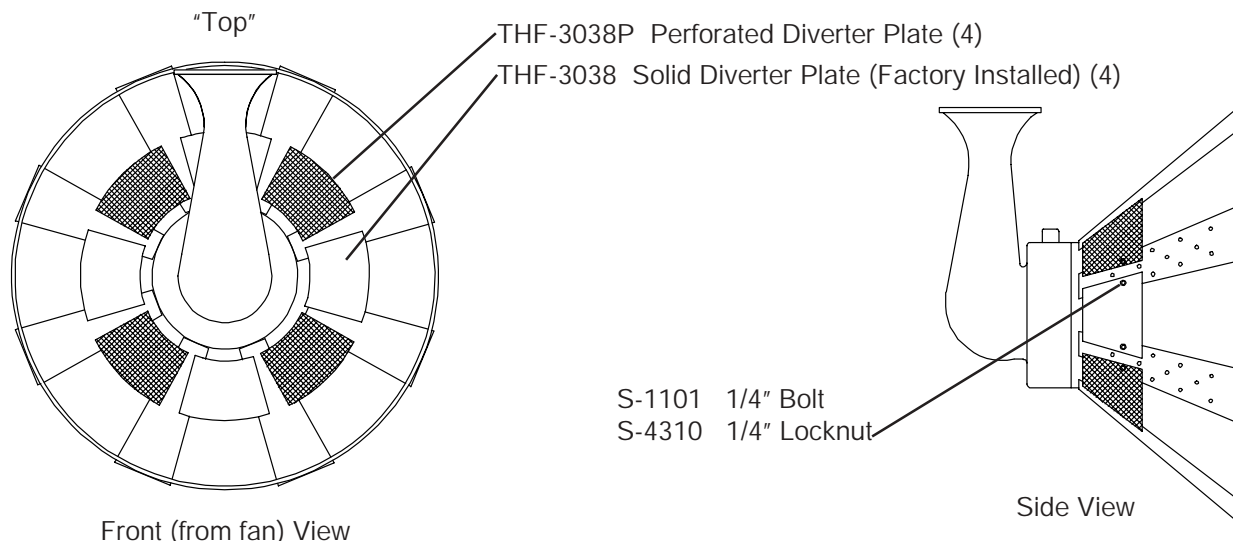


Burner Diverter Update Kit Installation Instructions

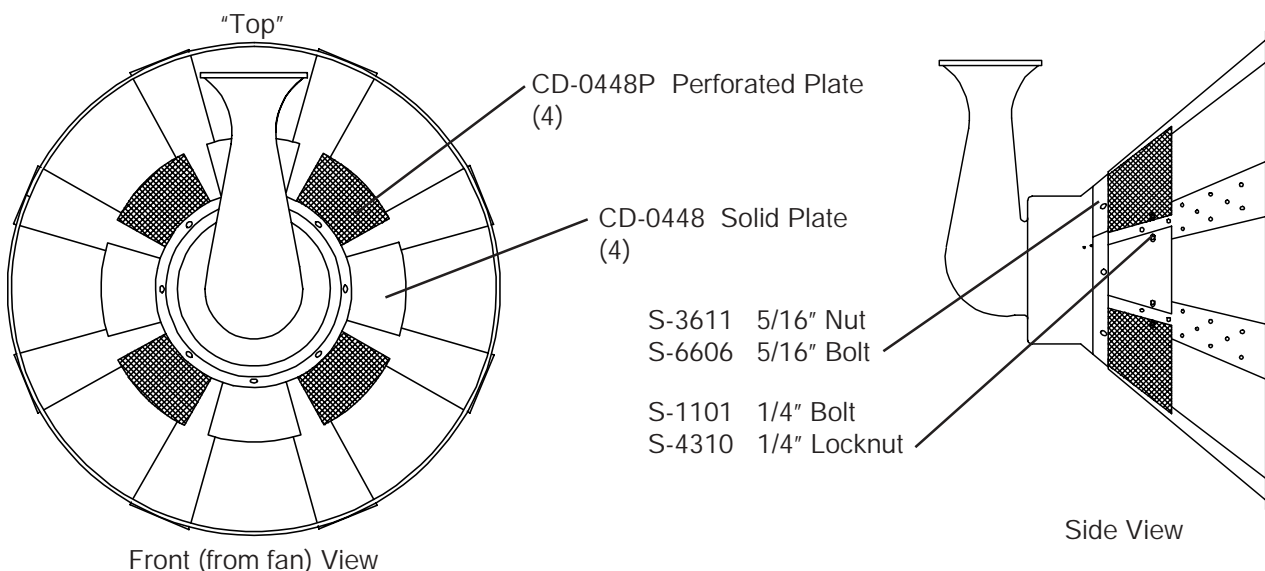


36" and 40" Burners

Parts Required for 36" and 40" Burners

Part Number	Description	Quantity
S-1101	BOLT 1/4-20x1/2 HHCS GR 2	16
S-4310	NUT 1/4-20 DEFORMED LOCK GR2	16
THF-3038P	DIVERTER BRACKET 36" PERFD	4

- Solid plates are factory installed.
- Install part number THF-3038P (smaller perforated plates) from the kit using the 1/4" hardware.
- Perforated plates should be installed so that the gaps between the solid plates are filled according to the diagram above.



42" Burners

- Both the solid and the perforated plates for the 42" burners are the larger parts in the kit.
- Install part numbers CD-0448 & CD-0448P from the kit using the 1/4" hardware.
- Start the solid plates at the top where the ignitor is located.
- The flame sensor may need to be moved out along the burner to clear the plate installation.
- Alternate the solid and perforated parts around the burner according to the diagram above.
- Fill in the holes in the ring welded to the burner gun casting with the 5/16" hardware provided.

Parts Required for 42" Burners

Part Number	Description	Quantity
CD-0448	DIVERTER BRACKET 42"	4
CD-0448P	DIVERTER BRACKET 42" PERFD	4
S-1101	BOLT 1/4-20x1/2 HHCS GR 2	16
S-3611	NUT 5/16-18 FLANGED WHIZ	8
S-4310	NUT 1/4-20 DEFORMED LOCK GR2	16
S-6606	BOLT 5/16-18 X 3/4 HHW HD GR.5	8