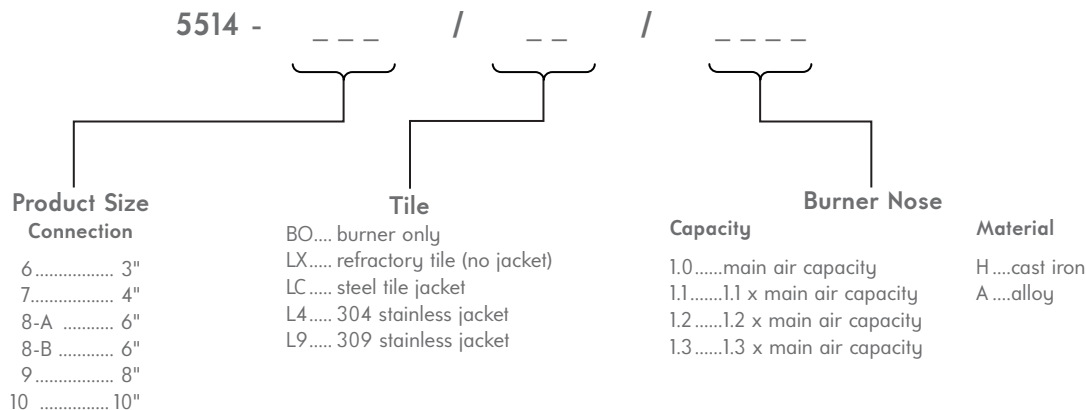


Burner designation	5514- /LC, L4, L9 (jacketed tile)					All 5514	
	dimensions in inches					Sensitrol™ oil valve	Recommended pilot tip
	AA ^②	BB	CC	DD ^⑤	wt-lb		
5514-6	16	3/4	8 3/8	28 7/16	210	1813-02-C	4021-12
5514-7	17	3/4	9 3/8	30 1/4	240	1813-02-D	4025-0-T
5514-8-A	18 3/4	3/4	12 15/16	36 13/16	355	1813-02-D	4025-0-T
5514-8-B	20	3/4	12 15/16	40 11/16	455	1813-02-D	4025-0-T
5514-9	24 1/4	1 3/16	14 7/8	48 9/16	800	1813-01	4025-2-T
5514-10	27 1/2	1 1/16	16 5/16	52 1/4	1000	1813-01	4025-2-T

- ① A square threaded flange is used for sizes -6, -7, -8. SW style (suitable for slip-on or welded connection) inlet may be ordered as a special option. An SW inlet is standard for -9 and -10 burners.
- ② Opening in furnace shell or outer wall must be 1/2" larger than dimension "AA" to allow for mounting plate fillet and draft.
- ③ Blank boss - This may be ordered as a special option with a 1 1/2" tap suitable for 5025-1-3T Oil Pilot, in which case North American will drill out 1/2" web of refractory left in tile before shipment, and the burner nose will be positioned so none of its holes are in front of that opening. For -10 size, an appropriate 1/2" npt half-coupling will be added as a special option.
- ④ 1" fpt for electrode or UV flame detector.
- ⑤ Optional (recommended) Sensitrol™ Oil Valve and pipe nipple are not included as part of the burner assembly, and must be ordered separately. Dimensions Z and DD assume a 3/8" close nipple between burner and Sensitrol Oil Valve (5514-6 through -8-B) and a 1/2" close nipple between burner and Sensitrol Valve (5514-9 and -10).
- ⑥ Applies when optional SW inlet is specified.
- ⑦ Flanged connection--a standard North American square threaded flange is used.
- ⑧ Optional 8773 flex tubing purchased separately from North American.

ANSI or SW flanges: Flat face companion flanges and full face gaskets are supplied with this equipment. Do not use raised face flanges that may damage mating flange.

ORDERING INFORMATION



- Example 1 5514-8-A/LC/1.2A Fireall oil burner complete with carbon steel jacketed tile and 1.2 capacity alloy nose
- Example 2 5514-6/BO/1.0H Fireall oil burner only with standard capacity iron nose
- Example 3 5514-9/LX/1.2H Fireall oil burner complete with refractory tile and 1.2 capacity iron nose

Note: See Supplement 6514-6 for cross referencing old product numbers.

WARNING: Situations dangerous to personnel and property may exist with the operation and maintenance of any combustion equipment. The presence of fuels, oxidants, hot and cold combustion products, hot surfaces, electrical power in control and ignition circuits, etc., are inherent with any combustion application. Components in combustion systems may exceed 160°F (71°C) surface temperatures and present hot surface contact hazard. Fives North American Combustion, Inc. suggests the use of combustion systems that are in compliance with all Safety Codes, Standards, Regulations and Directives; and care in operation.

CONTACT

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