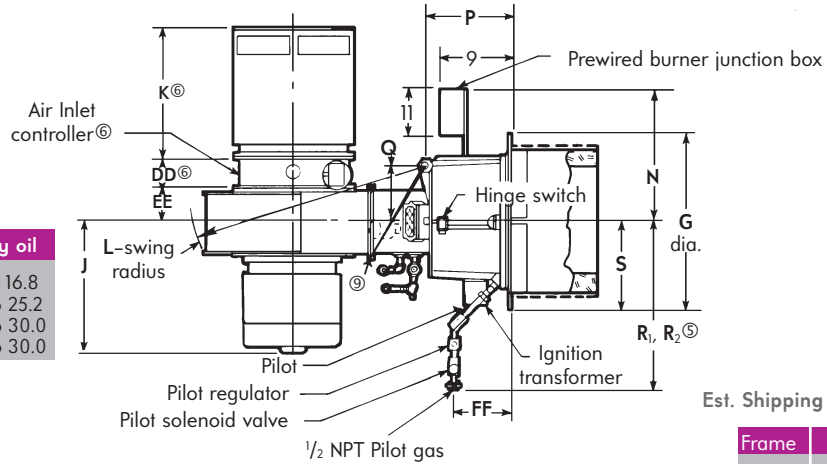


DIMENSIONS
inches

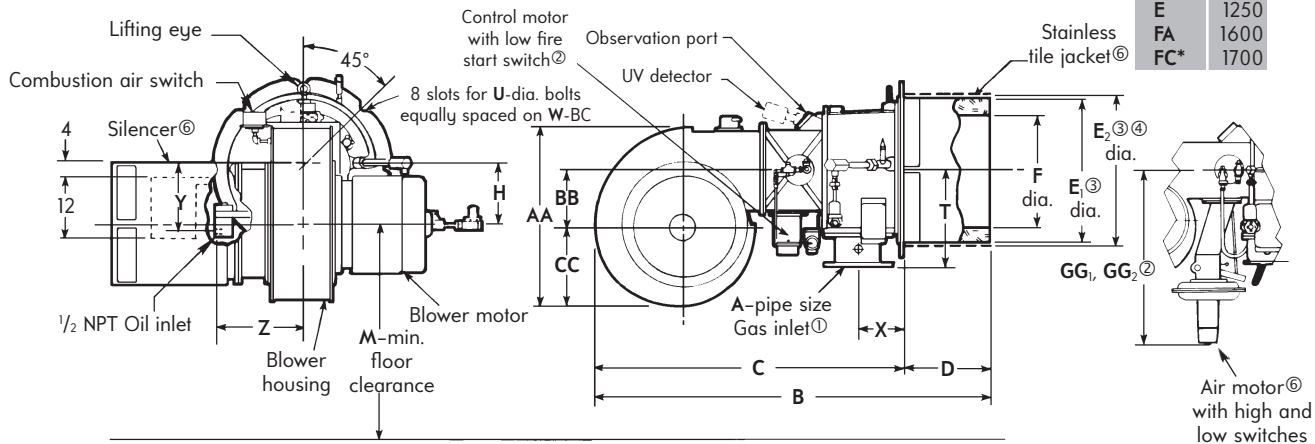
CAPACITIES
million Btu/hr

Frame	gas and light oil	heavy oil
D	12.6 to 18.0	12.6 to 16.8
E	21.0 to 25.2	21.0 to 25.2
FA	29.4 to 30.0	29.4 to 30.0
FC*	29.4 to 30.0	29.4 to 30.0



Est. Shipping Weights

Frame	lb
D	950
E	1250
FA	1600
FC*	1700



131 Series Burner Frame Size 4131-, 5131-, 6131-	A ^①	B	C	D	E ₁ ^③	E ₂ ^{③④}	F	G	H	J	K ^⑥	L	M	N	P	Q
D	6	62 ⁷ / ₈	49 ⁷ / ₈	13 ³ / ₄	23	23 ³ / ₄	17	28	14 ¹ / ₂	17 ³ / ₄	20	37 ¹ / ₁₆	33 ¹ / ₂	25	12 ³ / ₄	9 ¹ / ₁₆
E	8	64 ¹ / ₄	51	13 ¹ / ₄	23	23 ³ / ₄	18	32 ¹ / ₄	16 ¹ / ₂	20 ³ / ₈	20	41	38	26 ³ / ₄	14 ¹ / ₈	11 ¹ / ₈
FA	8	68 ³ / ₄	55	13 ¹ / ₄	23	23 ³ / ₄	18	32 ¹ / ₄	16 ¹ / ₂	23 ¹ / ₈	23 ³ / ₄	49	38	26 ³ / ₄	14 ¹ / ₈	11 ¹ / ₈
FC*	8	74	61	13 ¹ / ₄	23	23 ³ / ₄	18	32 ¹ / ₄	16 ¹ / ₂	27	23 ³ / ₄	58	38	26 ³ / ₄	14 ¹ / ₈	11 ¹ / ₈

131 Series Burner Frame Size 4131-, 5131-, 6131-	R ₁ ^⑤	R ₂ ^⑤	S	T	U	W	X	Y	Z	AA	BB	CC	DD ^⑥	EE	FF	GG ₁ ^⑦	GG ₂ ^⑦
D	29 ³ / ₄	33 ¹ / ₄	14	15 ⁵ / ₁₆	5 ⁷ / ₈	26 ³ / ₈	7 ¹ / ₄	13 ¹ / ₂	10	28 ¹ / ₄	8 ⁵ / ₈	12 ³ / ₄	10 ³ / ₄	5 ¹ / ₈	7	38 ³ / ₄	33 ³ / ₄
E	31 ¹ / ₂	35 ¹ / ₂	16 ¹ / ₈	18 ¹ / ₄	7 ⁷ / ₈	30	8 ³ / ₈	15 ¹ / ₂	12	29 ¹ / ₂	8	12 ⁷ / ₈	10 ³ / ₄	6 ¹ / ₄	7 ¹ / ₂	35	30
FA	31 ¹ / ₂	35 ¹ / ₂	16 ¹ / ₈	18 ¹ / ₄	7 ⁷ / ₈	30	8 ³ / ₈	15 ¹ / ₂	12	36	12 ¹ / ₁₆	15	9 ³ / ₄	11 ³ / ₁₆	7 ¹ / ₂	35	30
FC*	31 ¹ / ₂	35 ¹ / ₂	16 ¹ / ₈	18 ¹ / ₄	7 ⁷ / ₈	30	8 ³ / ₈	15 ¹ / ₂	12	39	13 ³ / ₈	17 ¹ / ₄	9 ³ / ₄	11 ⁷ / ₈	7 ¹ / ₂	35	30

* 50 hertz only.

- ① ANSI 125 lb flanged connection. Not used on 5131 Burners.
- ② Honeywell M9484 or M7284 motors shown. For other motor types, check with Fives North American Combustion, Inc.
- ③ Furnace opening for 131-D, E, FA, and FC Burners is 24" dia. (24¹/₂" dia. with jacketed tile).
- ④ With stainless steel tile jacket only.
- ⑤ If one pilot solenoid valve is used, dimension R₁ applies. Use dimension R₂ for burners with two pilot solenoid valves.
- ⑥ Optional, furnished only when ordered.
- ⑦ If Moore Positioner is used, dimension GG₁ applies. Use dimension GG₂ if the Moore Positioner is not supplied.
- ⑧ If air motor is used, add 50 lb to these figures.
- ⑨ FA and FC burner shutter assembly with blower assembly removed swing radius = 21⁵/₁₆".

DIMENSIONS SHOWN ARE SUBJECT TO CHANGE. PLEASE OBTAIN CERTIFIED PRINTS FROM FIVES NORTH AMERICAN COMBUSTION, INC. IF SPACE LIMITATIONS OR OTHER CONSIDERATIONS MAKE EXACT DIMENSION(S) CRITICAL.

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.

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