

Dimensions | 6795 Magna-Flame™

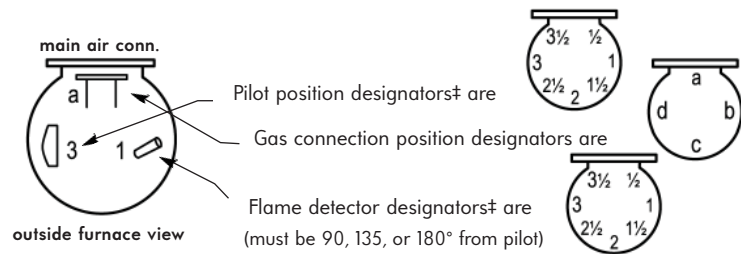
Burner Designation	Dimensions in inches and degrees																		
	A	B	C	D	E	F	G°	H°	I④	J	K	L	M	N	O	P	Q	R	S°
6795-10-43	10	4	0.75	20.5	22.25	16	11.25	22.5	16	11	14.76	12.75	13.07	42.5	1	14.25	12	10.25	15
6795-12-43	12	4	0.75	22.5	24.25	16	11.25	22.5	18	12.5	14.76	15	14.44	46.61	1	17	12	12.25	15
6795-14-43	14	6	0.75	24.5	26.25	16	11.25	22.5	20	13.5	14.81	18	17.39	52.42	1.13	18.75	12	13.88	15
6795-16-43	16	6	0.75	26.5	28.25	20	9	18	22	14.5	14.81	19	18.39	57.51	1.13	21.25	16	15.88	11.25
6795-18-43	18	6	0.75	28.5	30.25	20	9	18	24	15.5	14.81	19.51	18.89	58.51	1.25	22.75	16	17.88	11.25
6795-20-43	20	8	0.88	30.5	32.25	20	9	18	26	16.5	14.01	19.62	21.15	60.58	1.25	25	20	19.88	9

Burner Designation	Dimensions in inches and degrees																Atomizers	Recommended Pilot Assy. Designation	WT
	T°	U	V	W	X°	Y°	Z	AA	BB	CC	DD	EE	FF	GG	HH	II			
6795-10-43	30	16	0.75	7.5	22.5	45	8	9	11	1.5	0.75	1.19	10.56	3/8	3/4	66.25	5643-0	4014-2-T	255
6795-12-43	30	19	0.75	7.5	22.5	45	8	9	12.5	1.5	1	2.19	11.06	1/2	3/4	72.75	5643-1	4014-2-T	310
6795-14-43	30	21	0.88	9.5	22.5	45	8	11	14.75	2	1	2.19	10.94	1/2	3/4	82.50	5643-1	4014-3-AT	405
6795-16-43	22.5	23.5	0.88	9.5	22.5	45	8	11	17	2	1.5	2.88	12.25	3/4	2	86	5643-3	4014-3-AT	505
6795-18-43	22.5	25	0.88	9.5	22.5	45	8	11	19.25	2	1.5	2.88	12.25	3/4	2	88	5643-3	4014-3-AT	550
6795-20-43	18	27.5	0.88	11.75	22.5	45	8	13.5	21.5	2	1.5	2.88	11.94	3/4	2	95	5643-3	4014-3-BT	675

- ④ Furnace opening should be 1/2" larger than dimension I for -10 thru -16, and 3/4" larger than dimension I for -18 and -20.
- © After a length of 1.2 X BB flare out the tile at a 30° angle (60° included angle).
- © Flat face ANSI flange available upon request

Arrangement Designators are specified relative to the main air connection at 12 o'clock and should be listed for pilot, gas connection, and flame detector in that order.

Atomizer connections need not be specified because they can be rotated in the field.



‡ Good practice dictates that neither pilot nor flame detector be below the centerline of a horizontally-mounted burner.

ORDER MUST SPECIFY: (1) Burner designation (such as 6795-16-43); (2) Arrangement designation for pilot, gas connection and flame safety positions in that order such as: 6795-16-43, arrangement 3a1 (for the arrangement shown above).

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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