

Designation	Air pressure, osi Combustion air capacity, cfh					Gas pressure osi at 100% XSF		Flame length inches at 100% XSF		Flame Length (stoic.)
	0.1	0.25	1.0	2.0	4.0	at 0.1 osi	at 1.0 osi	at 0.1 osi	at 1.0 osi	at 1.0 osi
4020-0-LP	55	90	160	—	—	0.5	6.7	7	11	6"
4020-2-LP	120	180	385	—	—	0.5	6.5	12	17	—
4020-3-LP	150	200	450	—	—	0.4	4.6	14	22	—
4020-4-LP	200	350	765	1085	—	0.4	3.6	14	26	19"
4020-5-LP	310	535	1235	1665	—	0.5	5.0	23	33	24"
4020-6-LP	600	890	1895	3195	4535	0.25	3.0	24	50	36"
4020-7-LP	1600	2540	4650	6645	9355	0.25	4.0	32	58	42"

Maximum nominal excess air at 0.25 osi = 150% at 1.0 osi = 300%. Maximum nominal excess fuel at 0.25 osi = 180% at 1.0 osi = 200%.  
Flame Lengths listed on this page are for open still air. Actual lengths when fired in a burner body will vary.

Designation	Air pressure, osi Combustion air capacity, cfh				Gas pressure osi at 100% XSF		Flame length inches at 100% XSF		Flame length (stoic.)
	1.0	4.0	8.0	16.0	at 1.0 osi	at 16 osi	at 1.0 osi	at 16 osi	at 16 osi
4020-0-HP*	45	92	115	150	0.6	6.3	8	10	6"
4020-2-HP	150	307	450	650	1.0	14.2	18	26	14"
4020-3-HP	230	430	650	915	1.2	15.1	18	30	18"
4020-4-HP	350	740	1000	1500	1.0	13.5	19	33	20"
4020-5-HP	550	1100	1600	2350	0.9	15	30	35	21"
4020-6-HP	970	2250	2975	4050	1.0	9.5	35	54	33"
4020-7-HP	2155	4600	6580	9165	1.7	10.5	44	76	48"

Maximum nominal excess air at 4.0 osi = 100% at 16 osi = 120%. Maximum nominal excess fuel at 4.0 osi = 130% at 16 osi = 100%.  
Flame Lengths listed on this page are for open still air. Actual lengths when fired in a burner body will vary.

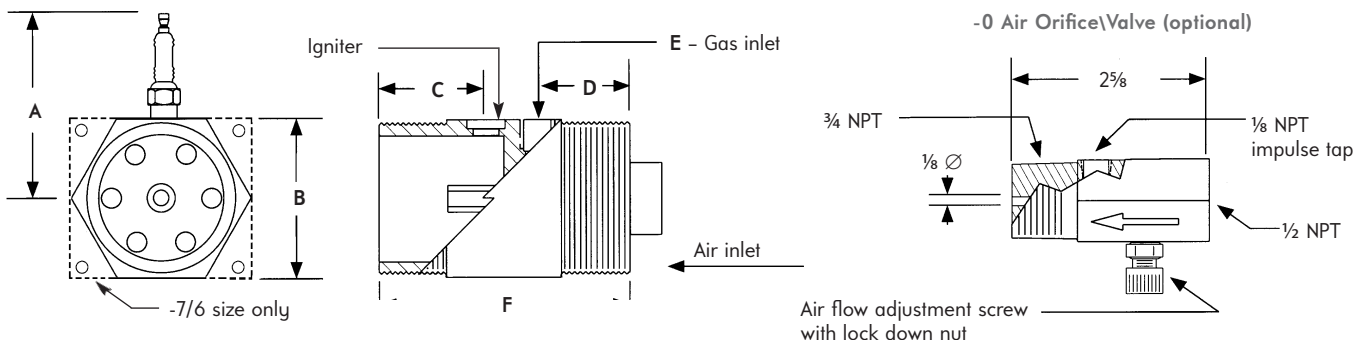
\* With optional 4-20667-1 Valve/Orifice.

Designation	Air pressure, osi Combustion air capacity, cfh				Gas pressure osi at 50% XSF		Flame length inches at 50% XSF		Flame length (stoic.)
	1.0	4.0	8.0	16.0	at 1.0 osi	at 16 osi	at 1.0 osi	at 16 osi	at 16 osi
4020-3A-CB	150	290	410	610	1.2	16.3	15	16	12"
4020-3-CB	225	465	700	1030	1.1	23.5	16	18	14"
4020-4-CB	360	670	950	1370	1.1	14.0	18	20	15"
4020-5-CB	640	1300	1790	2520	1.2	14.5	24	30	21"

Maximum nominal excess air at 4.0 osi = 180% at 16 osi = 200% Maximum nominal excess fuel at 4.0 osi = 80% at 16 osi = 50%.

## DIMENSIONS inches

Size	Inlet Pipe th'd.	Outlet Pipe th'd.	A	B	C	D	E	F	wt, lb
-0	1" mpt	¾" mpt	3	1½	2¼	1¼	⅝" NPT	4½	1.5
-2	1¼" mpt	1¼" mpt	3	2	1½	1½	⅝" NPT	3¾	1.8
-3A-CB	1½" mpt	1½" mpt	3	2	1¾	1½	¼" NPT	3¾	2.7
-3-CB	1½" mpt	1½" mpt	3	2¼	1¾	1½	¼" NPT	3¾	2.7
-3	1½" mpt	1½" mpt	3¼	2¼	1¾	1¾	¼" NPT	4	2.7
-4	2" mpt	2" mpt	3½	2½	1¾	1¾	¼" NPT	4	3.6
-5	2½" mpt	2½" mpt	4	3	2¼	1¾	¼" NPT	4¾	5.2
-6	3" fpt	3" mpt	4	4	2¾	2½	⅜" NPT	6½	10.0
-7	4" fpt	4" mpt	4½	5½	3	3	½" NPT	7¾	19.0



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.