

# Capacities | 4213 Burner

LEx Designation	LEX Capacity (Btu/h HHV) @ 60% XSA	LEx Total Fuel Flow (scfh)	Primary Air Flow	Primary Fuel Flow	Max. Radial Air Flow	Maximum Radial Fuel Flow	Flame Length (ft)	Flame Diameter (ft)
4213-2	3,600,000	3,500	53,000	3,400	—	520	5.0	0.8
4213-3	4,300,000	4,200	63,000	4,100	—	620	5.0	0.9
4213-5	5,700,000	5,500	84,000	5,400	—	830	5.0	1.0
4213-6	7,000,000	6,800	104,000	6,700	—	1,000	5.5	1.0
4213-7	8,200,000	8,000	122,000	7,800	—	1,200	5.5	1.1
4213-8	9,400,000	9,000	139,000	8,800	—	1,400	5.5	1.2
4213-10	12,900,000	12,500	191,000	12,300	—	1,900	6.0	1.3
4213-12	15,500,000	15,100	230,000	14,800	—	2,300	6.0	1.4
4213-14	18,100,000	17,600	268,000	17,300	—	2,600	6.0	1.5
4213-19	22,200,000	21,700	330,000	21,300	—	3,300	7.0	1.6
4213-22	26,700,000	26,000	395,000	25,500	8,800	3,900	7.0	1.8
4213-27	31,100,000	30,400	461,000	29,800	10,300	4,600	7.0	2.0
4213-29	35,500,000	34,700	527,000	34,000	11,800	5,200	7.0	2.2
4213-33	40,000,000	39,000	593,000	38,200	13,200	5,900	7.0	2.4
4213-38	44,400,000	43,400	659,000	42,500	14,700	6,500	7.0	2.6
4213-42	50,400,000	49,200	748,000	48,200	16,700	7,400	9.0	2.6
4213-51	60,500,000	59,000	897,000	57,800	20,000	8,900	9.0	2.8
4213-59	70,600,000	69,000	1,100,000	67,600	23,400	10,400	9.0	3.1
4213-67	80,700,000	78,800	1,200,000	77,200	26,700	11,800	9.0	3.3
4213-77	90,800,000	88,600	1,300,000	86,800	30,000	13,300	9.0	3.6
4213-80	95,100,000	92,800	1,400,000	90,900	31,500	13,900	10	3.7
4213-85	101,000,000	98,500	1,500,000	96,500	33,400	14,800	9.0	3.9
4213-96	114,000,000	111,000	1,700,000	109,000	37,800	16,700	10	4.0
4213-112	133,000,000	130,000	2,000,000	127,000	44,100	19,500	10	4.3

Note: Primary & Radial Air Pressure = 15" w.c.  
 Radial & Primary Fuel Pressure = 8psi  
 Total fuel flow doesn't equal the sum of radial fuel and primary fuel. This is because the radial fuel flowrate increases as the primary fuel turns down.

