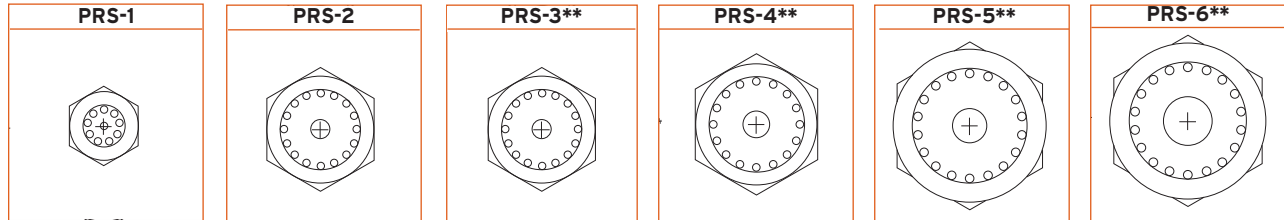
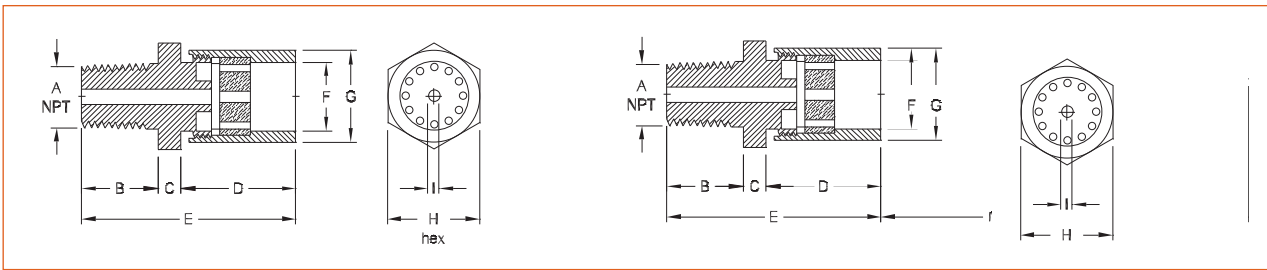


PRS Spear Flame Burners



Spear Flame Gas Burner Data - Series PRS

Catalog No.				PRS-1	PRS-2	PRS-3**	PRS-4**	PRS-5**	PRS-6**
Weight Each	Oz (Grams)			1 (28.4)	2 (56.7)	2 1/4 (63.7)	2 3/4 (78)	3 3/4 (106.2)	6 _ (170)
Maximum Flame Length	Inches (mm)			2 at 6" w.c.* (50 at 150mm)	3 at 6" w.c.* (75 at 150mm)	4 at 8" w.c.* (100 at 200mm)	5 at 6" w.c.* (125 at 150mm)	6 at 8" w.c.* (150 at 200mm)	9 at 8" w.c.* (230 at 200mm)
Equiv. Port Area §	Sq. In. (mm²)			0045 (2.9)	.0089 (5.74)	.0228 (14.7)	.0470 (30.4)	.0685 (44.3)	.130 (84)
Burner Capacity Btu per hour kCal per hour	Pressure in Inches (mm) of Water Column	1	(25)	485 (122)	1,260 (315)	4,000 (1,000)	7,000 (1,750)	9,500 (2,375)	18,400 (4,600)
		2	(50)	775 (196)	1,850 (462)	5,350 (1,337)	9,800 (2,450)	13,800 (3,450)	25,600 (6,400)
		3	(75)	1,020 (257)	2,460 (615)	6,500 (1,625)	12,000 (3,000)	17,400 (4,350)	30,000 (7,500)
		4	(100)	1,200 (300)	2,820 (705)	7,300 (1,825)	14,000 (3,500)	20,300 (5,075)	36,800 (9,200)
		5	(125)	1,380 (350)	3,200 (800)	8,100 (2,025)	15,800 (3,950)	22,600 (5,650)	41,000 (10,250)
		6	(150)	1,525 (384)	3,550 (887)	8,750 (2,187)	17,300 (4,325)	24,900 (6,225)	45,000 (11,250)
		7	(175)	1,650 (416)	3,900 (975)	9,300 (2,325)	18,900 (4,725)	26,900 (6,725)	48,000 (12,000)
		8	(200)	1,800 (454)	4,230 (1,057)	9,900 (2,475)	20,300 (5,075)	29,000 (7,250)	52,000 (13,000)
		9	(230)	1,970 (497)	4,560 (1,140)	10,600 (2,650)	21,500 (5,375)	31,000 (7,750)	55,000 (13,750)
		10	(255)	2,100 (530)	4,900 (1,225)	11,100 (2,775)	22,600 (5,650)	32,800 (8,200)	58,000 (14,500)
	A			1/8	1/4	1/4	1/4	3/8	3/8
	B			3/8 (10)	5/8 (16)	5/8 (16)	5/8 (16)	5/8 (16)	5/8 (16)
	C			3/16 (5)	3/16 (5)	3/16 (5)	3/8 (10)	3/8 (10)	3/8 (10)
	D			1 1/16 (17)	2 9/32 (23)	2 9/32 (23)	2 9/32 (23)	1 1/32 (26)	1 1/32 (26)
	E			1 1/4 (32)	1 23/32 (44)	1 23/32 (44)	1 29/32 (49)	2 1/32 (52)	2 1/32 (52)
	F			1 1/32 (9)	9/16 (14)	2 1/32 (17)	2 5/32 (20)	1 5/16 (24)	1 5/16 (24)
	G			9/16 (14)	3/4 (19)	7/8 (22)	1 (25)	1 3/16 (30)	1 3/16 (30)
	H			9/16 (14)	3/4 (19)	7/8 (22)	1 (25)	1 3/16 (30)	1 3/16 (30)
	I			1/16 (20)	3/32 (3)	5/32 (4)	7/32 (6)	9/32 (7)	25/64 (10)

The equipment described in this bulletin must be installed in compliance with all applicable laws and regulations. Details covering safety precautions applicable to particular installations will be provided by Selas at the time of purchase.

* Higher burner pressures do not increase flame length. ** Add suffix "E" to designate electric ignition.