



WP
 1/4" (M/F)



RY
 1/4", 9/16"

General Applications 应用范围

- Nozzles can be used in fogging and snow-making machines
- Dust pollution control and cooling in mines, coal storage yards, power plants, steel mills, etc.
- Disinfection and epidemic prevention
- 喷嘴可用于造雾机和造雪机
- 矿区、储煤场、发电厂、钢铁厂等的粉尘污染控制和降温
- 消毒和防疫

WP Design Features 设计特点

- The atomization effect is obvious and has a hazy feeling.
- The spray angle can be adjusted in a small range from 0° to 60°
- The water pressure requirement is relatively low. Generally, it can spray under tap water pressure.
- The water pressure is widely adaptable from 2-30 kg.

- 雾化效果明显，有一种朦胧感。
- 喷射角度可在 0° 至 60° 的小范围内调节。
- 对水压的要求相对较低。一般在自来水压力下即可喷洒。
- 水压的适应范围很广，从 2-30 公斤。

WP Performance data 性能数据

Model No. 型号	Orifice dia.(mm) 孔径 (mm)	Flow rate(L/min) 流量 (升/分)							
		2bar	3bar	5bar	7bar	10bar	15 bar	20bar	35bar
WP -M WP-F	0.6	0.15	0.2	0.27	0.32	0.42	0.42	0.65	0.80
	0.8	0.22	0.26	0.34	0.40	0.48	0.42	0.68	0.90
	1.0	0.29	0.33	0.41	0.47	0.53	1.26	0.72	0.95
	1.2	0.32	0.39	0.51	0.6	0.72	1.9	1.0	1.3
	1.5	0.39	0.48	0.61	0.72	0.86	2.5	1.3	1.7
	1.8	0.47	0.56	0.74	0.83	0.94	3	1.8	2.3
	2.0	0.49	0.63	0.81	0.97	1.1	3.3	1.92	2.4



1/4" male or female thread

RY Design Features 设计特点

- With a built-in stainless steel core and a flow channel to form a centrifugal vortex, the spray nozzle can produce a circular fog spray
- The atomized particles are medium under pressure 2-10bar. It's about 50 microns under pressure 10 to 20bar, and 20 microns above 20bar .
- The general range of spray angle of 60 degrees, the maximum of 80 degrees
- The material is 304 or 316 stainless steel, corrosion-resistant and wear-resistant.

- 雾化喷嘴内置不锈钢喷芯及导流槽，在导流槽中形成一个离心旋涡，喷雾形状成环雾状喷出
- 当液体在2-10bar的水压下喷出雾粒为中等，压力达到10至20bar，雾化颗粒约50微米，20bar以上最小雾化颗粒径可到20微米
- 一般喷雾角度范围在60度左右，最大可达80度
- 材质为304或316不锈钢，耐腐蚀，耐磨



RY nozzle with stainless steel filter

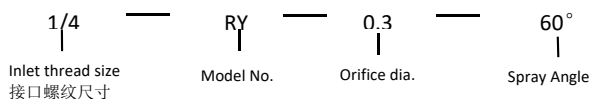


RY nozzle with brass filter

RY Performance data 性能数据

Model No. 型号	Orifice Dia. 孔径 (mm)	Droplet size 液滴尺寸 (μm)	Flow rate (L/min) 流量 (升/分)									Spray angle 喷射角度	
			1.5bar	2bar	3bar	5bar	7bar	10bar	15bar	20bar	25bar	3bar	10bar
RY 1/4" 9/16"	0.3	50	—	—	0.05	0.06	0.07	0.08	0.10	0.12	0.14	30	45
	0.4	60	—	—	0.06	0.08	0.09	0.11	0.13	0.15	0.16	30	45
	0.5	70	—	—	0.08	0.10	0.12	0.14	0.17	0.20	0.22	45	60
	0.6	70	—	0.10	0.13	0.16	0.20	0.25	0.30	0.35	0.40	50	70
	0.7	80	0.14	0.16	0.20	0.26	0.30	0.35	0.43	0.49	0.55	50	70
	0.8	80	0.22	0.25	0.30	0.38	0.45	0.53	0.66	0.74	0.82	60	70
	0.9	90	0.29	0.33	0.40	0.50	0.60	0.71	0.86	0.99	1.10	60	70
	1.0	110	0.36	0.41	0.50	0.64	0.75	0.89	1.08	1.23	1.37	60	80
	1.1	120	0.43	0.49	0.60	0.77	0.90	1.06	1.29	1.48	1.65	60	80
	1.2	130	0.58	0.66	0.80	1.02	1.20	1.42	1.72	1.97	2.20	60	80
	1.3	140	0.72	0.82	1.00	1.28	1.50	1.77	2.15	2.47	2.74	60	80
	1.4	140	0.86	0.99	1.20	1.53	1.80	2.13	2.58	2.96	3.29	80	80
	1.5	150	1.01	1.15	1.40	1.79	2.10	2.48	3.01	3.46	3.84	80	80
	1.6	180	1.15	1.32	1.60	2.04	2.40	2.84	3.44	3.95	4.39	80	80
1.7	210	1.29	1.48	1.80	2.20	2.69	3.19	3.87	4.44	4.94	80	80	
1.8	230	1.45	1.70	2.08	2.40	3.02	3.65	4.25	4.98	5.50	80	80	

Order Information 订购信息



OD (9/16 UNEF)



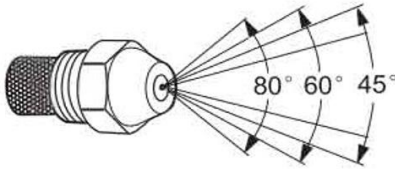
0.4 to 1.75



2.0 to 11.0



12.0 to 31.5



Commonly stocked
 spray angle: 60°

Design Features 设计特点

- The OD oil burner nozzle is a high pressure nozzle for atomised combustion of light and heavy oils.
- Different angles are available : 45°, 60°, 80°. And 60° is the most common model.
- This series of nozzles have been improved several times, the atomisation is even and not easy to be clogged, so that the combustion is highly efficient.
- The nozzles will wear out after a long period of use and the atomisation effect will gradually decrease. It is recommended to replace them regularly to make the fuel burning more complete and achieve fuel saving effect.

- OD燃油嘴是一款高压雾化燃烧机油嘴，适用于轻油、重油的雾化燃烧。
- 可提供不同的雾化角度：60°、80°。其中60°为常用角度
- 此系列喷嘴经过数次改进，雾化均匀，不易堵塞，使燃烧高效。
- 油嘴长期使用后会慢慢磨损，雾化效果会逐渐降低。建议定期更换，使燃料燃烧更完全，以达到省油效果

Performance data 性能数据

Flow Code (G.P.H) 流量代码	Flow rate (L / Hour) 流量 (升/小时)									
	7bar	8bar	9bar	10bar	11bar	12bar	13bar	14bar	15bar	16bar
0.40	1.27	1.36	1.44	1.52	1.59	1.67	1.73	1.80	1.86	1.92
0.50	1.59	1.70	1.80	1.90	1.99	2.08	2.17	2.25	2.33	2.40
0.60	1.91	2.04	2.16	2.28	2.39	2.50	2.60	2.70	2.79	2.88
0.65	2.07	2.21	2.34	2.47	2.59	2.71	2.82	2.92	3.03	3.12
0.75	2.38	2.55	2.70	2.85	2.99	3.12	3.25	3.37	3.49	3.61
0.85	2.70	2.89	3.06	3.23	3.39	3.54	3.68	3.82	3.96	4.09
1.00	3.18	3.40	3.61	3.80	3.99	4.16	4.33	4.50	4.65	4.81
1.10	3.50	3.74	3.97	4.18	4.38	4.58	4.77	4.95	5.12	5.29
1.25	3.97	4.25	4.50	4.75	5.00	5.20	5.40	5.60	5.80	6.00
1.35	4.29	4.59	4.87	5.13	5.38	5.62	5.85	6.07	6.28	6.49
1.50	4.77	5.10	5.40	5.70	5.90	6.24	6.50	6.75	6.98	7.20
1.65	5.24	5.61	5.95	6.27	6.58	6.87	7.15	7.42	7.68	7.93
1.75	5.56	5.95	6.31	6.65	6.98	7.29	7.58	7.87	8.15	8.41
2.00	6.36	6.80	7.21	7.60	7.97	8.33	8.67	8.99	9.31	9.61
2.25	7.15	7.65	8.15	8.55	8.97	9.37	9.75	10.12	10.47	10.85
2.50	7.95	8.50	9.01	9.50	9.97	10.41	10.83	11.24	11.64	12.02
2.75	8.68	9.35	9.91	10.45	10.96	11.45	11.92	12.36	12.80	13.22
3.00	9.54	10.20	10.82	11.40	11.96	12.49	13.00	13.49	13.96	14.42
3.50	11.13	11.90	12.62	13.30	13.95	14.57	15.17	15.74	16.29	16.83
3.75	11.92	12.75	13.52	14.25	14.95	15.61	16.25	16.86	17.45	18.03
4.00	12.72	13.60	14.42	15.20	15.94	16.65	17.33	17.99	18.62	19.23
4.50	14.31	15.30	16.22	17.00	17.94	18.73	19.50	20.24	20.95	21.63
5.00	15.90	17.00	18.03	19.00	19.93	20.83	21.67	22.48	23.27	24.04
5.50	17.49	18.70	19.83	20.90	21.92	22.90	23.83	24.73	25.60	26.44
6.00	19.08	20.40	21.63	22.80	23.92	24.98	26.00	26.98	27.93	28.84
6.50	20.67	22.10	23.44	23.70	25.91	27.06	28.17	29.23	30.26	31.25
7.00	22.26	23.80	25.24	26.60	27.90	29.14	30.33	31.48	32.58	33.65
7.50	23.85	25.50	27.04	28.50	29.90	31.22	32.50	33.73	34.91	36.05
8.00	25.44	27.20	28.84	30.40	31.88	33.30	34.66	35.98	37.24	38.46
8.5	27.03	28.90	30.64	32.20	33.88	35.38	36.83	38.23	39.57	40.86
9.00	28.62	30.60	32.44	34.00	35.88	37.46	39.00	40.84	41.90	43.26
10.0	31.80	34.00	36.06	38.00	39.86	41.66	43.34	44.96	46.54	48.08
11.0	34.98	37.40	39.66	41.80	43.84	45.80	47.66	49.64	51.20	52.88
12.0	38.16	40.80	43.26	45.60	47.84	49.96	52.00	53.96	55.86	57.68
13.0	41.34	44.20	46.88	47.40	51.82	54.12	56.34	58.46	60.52	62.50
13.5	42.93	45.90	48.67	51.30	53.74	56.20	58.50	60.71	62.84	64.88
15.0	47.70	51.00	54.09	57.00	59.79	62.49	65.10	67.50	69.90	72.00
17.0	54.06	57.80	61.20	64.60	67.66	70.72	73.78	76.50	79.22	81.60
19.5	62.01	66.30	70.20	74.10	77.61	81.12	84.63	87.75	90.87	93.60
22.0	69.96	74.80	79.20	83.60	87.56	91.52	95.48	99.00	102.52	105.60
25.0	79.50	85.00	90.00	95.00	99.50	104.00	108.50	112.50	116.50	120.00
28.0	89.04	95.20	100.96	106.40	111.61	116.65	121.32	125.92	130.32	134.60
31.5	100.17	107.10	113.40	117.80	125.37	131.04	136.71	141.75	146.79	151.20

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