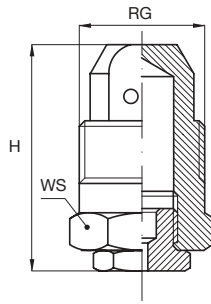


HOLLOW CONE NOZZLES

RB



IN LINE SPRAY / VANELESS

These nozzles produce a hollow cone spray pattern, in line with the nozzle inlet pipe.

Their design, without any inside whirling vane, offers wide unobstructed passages and minimizes clogging danger while producing fine droplets.

The above characteristics make these nozzles the ideal solution for dust suppression applications, specially suited for coal dust control.

Materials B1 AISI 303 Stainless steel
 T1 Brass

| Code | RG inch | D mm | D1 mm | Capacity at different pressure values | | | | | | | | | Dimensions mm | |
|------|------------|---------|----------|--|------|------|------|------|------|------|------|----|------------------|--|
| | | | | 0.5 | 0.7 | 1.0 | 2.0 | 3.0 | 5.0 | 7.0 | 10 | H | WS | |
| 60° | 3/8 | 2.0 | 2.0 | 0.65 | 0.77 | 0.93 | 1.31 | 1.60 | 2.07 | 2.44 | 2.92 | 31 | 17 | |
| | | 2.4 | 2.4 | 0.94 | 1.11 | 1.33 | 1.88 | 2.30 | 2.97 | 3.51 | 4.20 | | | |
| | | 3.3 | 2.9 | 1.59 | 1.88 | 2.25 | 3.18 | 3.90 | 5.03 | 5.96 | 7.12 | | | |
| | | 3.9 | 3.8 | 2.57 | 3.04 | 3.64 | 5.14 | 6.30 | 8.13 | 9.62 | 11.5 | | | |
| | | 4.4 | 4.0 | 3.18 | 3.77 | 4.50 | 6.37 | 7.80 | 10.1 | 11.9 | 14.2 | | | |
| | | 4.4 | *4.0 | 4.49 | 5.31 | 6.35 | 8.98 | 11.0 | 14.2 | 16.8 | 20.1 | | | |
| 70° | 1/2 | 3.3 | 3.2 | 1.59 | 1.88 | 2.25 | 3.18 | 3.90 | 5.03 | 5.96 | 7.12 | 37 | 22 | |
| | | 4.0 | 4.0 | 2.57 | 3.04 | 3.64 | 5.14 | 6.30 | 8.13 | 9.62 | 11.5 | | | |
| | | 4.5 | 4.5 | 3.18 | 3.77 | 4.50 | 6.37 | 7.80 | 10.1 | 11.9 | 14.2 | | | |
| | | 5.1 | *4.4 | 4.82 | 5.70 | 6.81 | 9.63 | 11.8 | 15.2 | 18.0 | 21.5 | | | |
| | | 6.1 | *4.7 | 6.45 | 7.63 | 9.12 | 12.9 | 15.8 | 20.4 | 24.1 | 28.8 | | | |
| | | 7.1 | *5.2 | 7.96 | 9.42 | 11.3 | 15.9 | 19.5 | 25.2 | 29.8 | 35.6 | | | |
| | 3/4 | 3.3 | 3.3 | 1.59 | 1.88 | 2.25 | 3.18 | 3.90 | 5.03 | 5.96 | 7.12 | 43 | 32 | |
| | | 4.2 | 4.2 | 2.57 | 3.04 | 3.64 | 5.14 | 6.30 | 8.13 | 9.62 | 11.5 | | | |
| | | 4.7 | 4.5 | 3.18 | 3.77 | 4.50 | 6.37 | 7.80 | 10.1 | 11.9 | 14.2 | | | |
| | | 5.4 | 5.4 | 4.82 | 5.70 | 6.81 | 9.63 | 11.8 | 15.2 | 18.0 | 21.5 | | | |
| | | 6.4 | 6.4 | 6.45 | 7.63 | 9.12 | 12.9 | 15.8 | 20.4 | 24.1 | 28.8 | | | |
| | | 7.7 | 7.1 | 7.96 | 9.42 | 11.3 | 15.9 | 19.5 | 25.2 | 29.8 | 35.6 | | | |
| | | 9.5 | *7.1 | 15.9 | 18.8 | 22.5 | 31.8 | 39.0 | 50.3 | 59.6 | 71.2 | | | |
| | | 9.5 | *7.1 | 15.9 | 18.8 | 22.5 | 31.8 | 39.0 | 50.3 | 59.6 | 71.2 | | | |
| 80° | 1+1/2 | 10.0 | *7.9 | 12.7 | 15.0 | 17.9 | 25.3 | 31.0 | 40.0 | 47.4 | 56.6 | 69 | 50 | |
| | | 9.5 | *9.5 | 15.9 | 18.8 | 22.5 | 31.8 | 39.0 | 50.3 | 59.6 | 71.2 | | | |
| | | 11.1 | *9.5 | 19.2 | 22.7 | 27.1 | 38.4 | 47.0 | 60.7 | 71.8 | 85.8 | | | |
| | | 12.7 | *9.5 | 22.5 | 26.6 | 31.8 | 44.9 | 55.0 | 71.0 | 84.0 | 100 | | | |
| | | 14.3 | *9.5 | 25.7 | 30.4 | 36.4 | 51.4 | 63.0 | 81.3 | 96.2 | 115 | | | |
| | | 15.0 | *9.5 | 28.6 | 33.8 | 40.4 | 57.2 | 70.0 | 90.4 | 107 | 128 | | | |
| | | 15.9 | *9.5 | 31.8 | 37.7 | 45.0 | 63.7 | 78.0 | 101 | 119 | 142 | | | |
| | | 17.1 | *9.5 | 35.1 | 41.5 | 49.7 | 70.2 | 86.0 | 111 | 131 | 157 | | | |
| | | 18.3 | *9.5 | 38.4 | 45.4 | 54.3 | 76.8 | 94.0 | 121 | 144 | 172 | | | |

* Double inlet orifice