

## DUST SUPPRESSION

### Socket Head Drum Sprays Code 850

Conflow is renowned the world over as the leading supplier of specialist components and systems for dust suppression, fire suppression and all aspects of water control in underground coal Mining.

Today Conflow products can be found operating both on the surface and underground in all the major mining industries, from coal to gold, in more than 30 countries around the world. Furthermore, wherever minerals are moved in bulk – such as quarries, power stations and steel works - Conflow products are helping to reduce the negative impact on the local environment.

At Conflow our aim is to provide you with a comprehensive range of services to meet your individual needs.



### Description

The **Conflow Code 850** Series - Stainless Steel Socket Head Drum Sprays provide a wide range of spray forms for pick flushing on cutting drums. Choice of orifice diameter, screw thread and spray form allows for the many different applications required. The socket design allows the spray head to be set flush into the housing or the valve itself for maximum protection.

A nylon male/female insert can be fitted between spray and vane to enable easier removal and replacement of the sprays. Option available which incorporates a split pin to prevent spray blockage.

### Typical Applications

- Pick flushing on light to medium duty cutting forms
- Dust suppression on Longwall shields

### Features

- 1/4", 3/8" AND 1/2" sizes available (BSP or NPT)
- Orifices from 1.0mm to 3.2mm
- Maximum working pressure 105 bar
- Hollow or solid cone and jet spray forms
- Stainless steel construction
- Available with integral filters



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#### Specifications

Inlet Size	Spray Form Dia	Orifice (mm)	Spray Angle (@ 10 bar)	Flowrate (LPM) at Pressure (BAR)			
				3.5	10.0	17.5	25.0
1/4"	Hollow cone	1.6	65.0	1.0	2.0	2.5	3.0
3/8"	Hollow cone	1.6	30.0	2.0	4.0	4.5	5.5
3/8"	Solid cone	1.6	20.0	20.0	3.5	4.5	5.5
1/4"	Jet	1.6	0.0	2.5	4.5	6.0	7.5
1/4"	Jet	2.4	5.0	9.0	14.0	17.0	18.5
1/4"	Jet	3.2	10.0	12.0	20.0	24.5	28.0
1/4"	Jet	4.8	8.0	23.5	40.0	48.0	55.0
3/8"	Jet	1.6	0.0	2.0	4.5	6.0	7.0
3/8"	Jet	2.4	5.0	9.0	14.0	17.0	18.5
3/8"	Jet	3.2	10.0	12.0	20.0	24.5	28.0
3/8"	Jet	4.8	8.0	24.0	40.0	48.0	55.0
1/2"	Jet	1.6	0.0	2.0	4.5	6.0	7.5
1/2"	Jet	2.4	5.0	9.0	14.0	17.0	18.5
1/2"	Jet	3.2	10.0	12.0	20.0	24.5	28.0
1/2"	Jet	4.8	8.0	24.0	40.0	48.0	55.0
1/8"	Jet	2.4	5.0	9.0	14.0	17.0	19.0
1/4"	Jet (filter)	1.6	5.0	2.0	3.5	4.5	5.5
1/4"	Jet (filter)	2.4	0.0	6.0	9.5	11.5	13.0
1/4"	Jet (filter)	3.2	0.0	9.0	14.0	17.0	19.5
1/4"	Jet (filter)	4.8	10.0	16.0	29.0	34.5	39.0
3/8"	Jet (filter)	1.6	0.0	2.0	3.5	4.5	5.5
3/8"	Jet (filter)	2.4	0.0	6.0	9.5	11.5	19.5
3/8"	Jet (filter)	3.2	0.0	9.0	14.0	17.0	29.0
1/2"	Jet (filter)	1.6	0.0	6.0	9.5	11.5	19.5
1/4"	Jet (split pin)	1.6	0.0	2.0	4.0	5.0	6.5
1/4"	Jet (split pin)	2.4	8.0	5.5	9.5	10.5	11.0
1/4"	Jet (split pin)	3.2	10.0	7.0	11.0	13.0	14.5
1/4"	Jet (split pin)	4.8	10.0	8.0	15.0	19.0	20.0
3/8"	Jet (split pin)	1.6	0.0	2.0	4.0	5.0	6.0
3/8"	Jet (split pin)	2.4	8.0	5.5	9.0	11.0	11.0
3/8"	Jet (split pin)	3.2	10.0	7.0	11.0	13.0	14.5
3/8"	Jet (split pin)	4.8	10.0	8.0	15.0	19.0	22.0

The information on this data sheet is accurate to the best of Conflow's knowledge, however we reserve the right to alter the product specification at any time. For any specific updated detail, please contact us.

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