## Air nozzle DIV

MC's air nozzle **DIV** operates according to the Venturie principle. Compressed air is let out through an adjustable, pre-set (0.05 mm) and **marked inner ring slot.**.
This inner ring slot creates a vaccum intense enough for the air nozzle DIV to achieve the best possible effect. It is therefore also used as blow-off ventilator without flexible parts or for granulate conveying.

**Advantages**

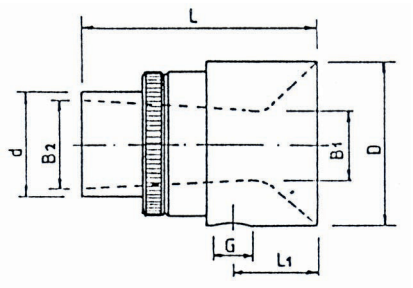
- Multiplicator system
- Drastic reduction in compressed air consumption
- Complies with OSHA-standards

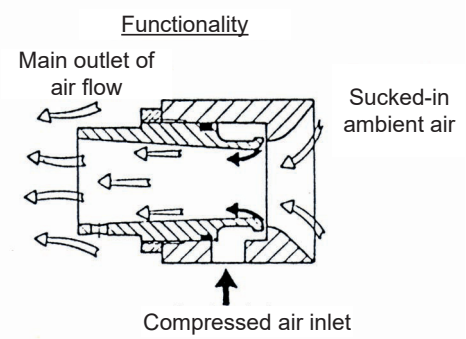
**Application**

Blowing off, cooling, blowing off in explosive areas, suction without flexible parts in expl. areas, granulate conveying

**Material**

Aluminum
Stainless steel

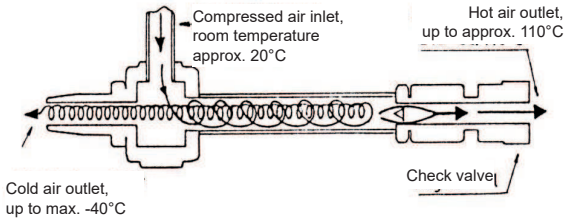


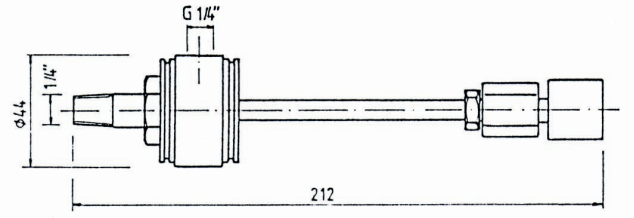

| Type | Dimensions in mm | | | | | | |
|---|---|---|---|---|---|---|---|
| | G | L | L1 | D | B1 | B2 | d |
| **DIV 08** | 1/4“ | 73 | 26 | 50 | 20 | 26 | 32 |
| **DIV 15** | 3/8“ | 83 | 27 | 75 | 38 | 44 | 50 |
| **DIV 30** | 1/2“ | 128 | 28 | 125 | 76 | 95 | 100 |

## Cooling air nozzle ZX

MC's cooling air nozzle **ZX** helps to cool dry compressed air down to -46°.
Dry compressed air is caused to rotate and separated into two flows. Hot compressed air is let out via an adjustable needle valve. Cold compressed air is ready for usage on the other side.
As a rule of thumb, temperatures drop when less cooling air escapes.




| Type | Compressed air Nl/min. at 7 bar | Refrigerating capacity kcal/h | Temperature drop °C |
|---|---|---|---|
| **ZX1** | 280 | 150 | 47 |
| **ZX2** | 420 | 230 | 47 |
| **ZX3** | 700 | 380 | 47 |




There are low-temperature and cryogenic cooling nozzles available (temperatures are lower by up to 11°C).