

Cold/hot air nozzle

ARIANA

Application:

The cold/hot air nozzle is used for cooling specific points on metal and plastic parts of machine tools. It is dual-function and generates both hot and cold air. Cold air is primarily used where lubricants or coolants are undesirable. It works based on the principle of a cyclone tube in which two air streams rotating in opposing directions are generated.



Version:

- Cold air down to -48 °C
- Hot air up to 100 °C
- Requires approx. 3-8 bar air pressure
- 3/8" compressed air connection
- 1/2" cold and hot air connection

Advantage:

- Dual function, hot or cold air
- Can be used where coolant or lubricant is undesirable
- Infinitely variable adjustment of volume flow and cold air ratio
- Low cost
- User-friendly handling

Delivery:

Magnetic plate, ball valve, 3/8" connection for compressed air coupling, silencer, 1/2" cool line jointed hose with round nozzle

Art. no.	18300 172
Max. hot air temperature	100 °C
Max. cold air temperature	-48 °C
Cold air temperature at 5 bar	-30 °C
Cold air temperature at 6 bar	-36 °C
Cold air temperature at 8 bar	-48 °C
Max. operating pressure	8 bar