

VariFuel2 – Air/Gas Mixer

P/N 30.45.250- 150D

Dimensions

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|---------------------------------|-----------------|
| • Inside diameter of the nozzle | 150 mm (5.91") |
| • Outside diameter of the mixer | 250 mm (9.85") |
| • Mixer length | 321 mm (12.64") |
| • Maximum length | 378 mm (14.89") |

Mechanical Data

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|--|---------------------------|
| • Weight | 22.8 kg (50.3 lbs) |
| • Permissible vibrations | 5 g at 20 Hz to 2000 Hz |
| • Chemical resistance | Water, oil, gaseous fuels |
| • Maximum temperature of media flowing through | +50 °C (+122 °F) |
| • Air consumption min./max. | 1,800 m³/h to 5,200 m³/h |
| • Suitable for flow bodies with min./max. diameter | 23 mm to 110 mm |

Climatic Environmental Conditions

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|---------------------------------|--|
| • Permissible temperature range | -10 °C to +80 °C (+14 °F to +176 °F) |
| • Maximum relative humidity | 85 % at +80 °C (+176 °F)
60 % at -20 °C (-4 °F)
without condensation up to
2,000 m (6,561') above sea level |

Stepper Motor

- | | |
|--------------------------|----------------------------------|
| • Connection | 10-pole military style connector |
| • Maximum rotation angle | 230° |



Overview Drawings

