

# ALUCAST ELECTRICAL HEATERS

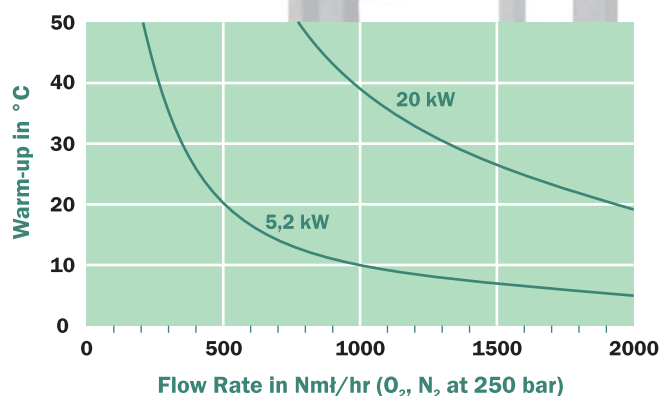
- The electrical heaters EHA are high pressure heaters designed for evaporation and/or superheating of carbon dioxide, nitrogen, oxygen, argon, and their mixtures.
- The EHA heaters are primarily intended as trim heaters of high pressure gas, but can be used also as pressure build-up vaporizers, or product vaporizers in technical gases applications.
- The heat exchanger bundle of spirally wound stainless steel tubes is together with electrical heating rods cast into aluminium block that provide for superior heat transfer properties.
- There are no valves on the heater. Isolation and relief valves shall be a part of the system the heater is incorporated in.



| Type                     | EHA 52                         | EHA 200        |
|--------------------------|--------------------------------|----------------|
| Power input              | 5,2 kW                         | 20 kW          |
| MAWP                     | 35 0 bar                       | 250 bar        |
| Operating Temperature    | -80 + 80 °C                    | -80 + 40 °C    |
| Connections              | M30x1,5 male                   | M30x1,5 male   |
| Dimensions (mm, approx.) | 250x200x560                    | 500x400x1700   |
| Weight                   | approx. 40 kg                  | approx. 120 kg |
| Electrical Supply        | 3 x 230 / 400 V, 50 Hz, TN - S |                |
| Circuit Breaker          | 16 A                           | 32 A           |
| Protection Class         | IP54                           | IP54           |

| Pressure bar | EHA 52 kg/hr | EHA 200 kg/hr |
|--------------|--------------|---------------|
| 5            | 47           | 179           |
| 10           | 51           | 196           |
| 15           | 55           | 212           |
| 20           | 60           | 229           |
| 25           | 64           | 247           |

| Pressure bar | Withdrawal kg/hr per kW PBU | Withdrawal kg/hr per kW |
|--------------|-----------------------------|-------------------------|
| 5            | 761                         | 0,9                     |
| 10           | 427                         | 9,8                     |
| 15           | 295                         | 10,6                    |
| 20           | 224                         | 11,4                    |
| 25           | 179                         | 12,3                    |



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