

The Benchmark of Energy Efficiency

Infrared Tube Heater

infraSchwank D Form U



Now also with
modulating operation



Schwank
INNOVATIVE HEATING SOLUTIONS

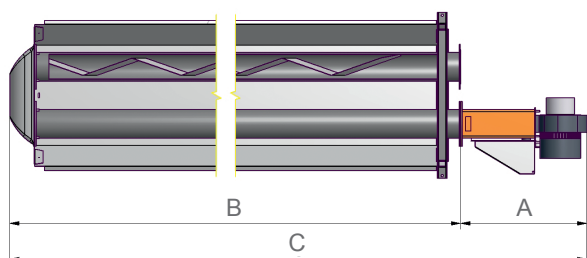


Infrared Tube Heater - InfraSchwank D Form U

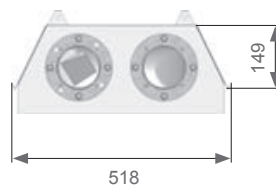
- Radiant factor of up to 59,3%*
- Available as single stage, 2-stage or fully modulating version
- Long laminar flame
- Pressure burner system Whisper-Jet for stand-alone systems

- Quiet as a whisper
- Quality "Made in Germany"
- Quick and easy assembly

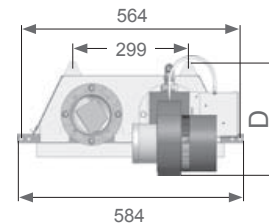
* Radiant factor of an infraSchwank 30 measured by DVGW laboratory according to DIN EN 416-2



Section



View A



| Dimensions [in mm] | | 15 U | 20 U | 30 U | 40 U | 50 U | 60 U |
|--|---|---|-------------------|-------------------|-------------------|----------------------|----------------------------------|
| A | | 445 | 445 | 445 | 445 | 470 | 470 |
| B | | 3137 | 4627 | 6187 | 9237 | 12137 | 13627 |
| Dimension B refers to: [numbers of tubes x length of tubes in mm] | | 1 x 3050 | 1 x 4540 | 2 x 3050 | 3 x 3050 | 2 x 3050 1 x 5950 | 1 x 3050 1 x 4540 1 x 5950 |
| C | | 3582 | 5072 | 6632 | 9682 | 12608 | 14098 |
| D | | 291 | 291 | 291 | 291 | 308 | 308 |
| Gas | | 15 U | 20 U | 30 U | 40 U | 50 U | 60 U |
| Natural gas H / G 20 | gas input in kW | 15.0 | 19.0 | 29.0 | 39.0 | 49.0 | 60.0 |
| | [$H_{i,n} = 9,97 \text{ kWh/m}^3$] gas consumption in m ³ /h | 1.50 | 1.91 | 2.91 | 3.91 | 4.92 | 6.02 |
| Natural gas L / G 25 | gas input in kW | 15.0 | 19.0 | 29.0 | 39.0 | 49.0 | 60.0 |
| | [$H_{i,n} = 8,57 \text{ kWh/m}^3$] gas consumption in m ³ /h | 1.75 | 2.22 | 3.38 | 4.55 | 5.72 | 7.00 |
| Propane / G 31 | gas input in kW | 15.0 | 19.0 | 29.0 | 39.0 | 49.0 | 60.0 |
| | [$H_{i,n} = 12,87 \text{ kWh/kg}$] gas consumption in kg/h | 1.17 | 1.48 | 2.25 | 3.03 | 3.81 | 4.66 |
| weight in kg | | 54 | 75 | 92 | 130 | 166 | 185 |
| air/exhaust connection in mm | | Ø 100 | | | | | |
| electrical consumption in W | | 104 | | | | 91 | |
| electrical protection | | IP 20 | | | | | |
| gas connection [female] | | R $\frac{1}{2}$ " | R $\frac{1}{2}$ " | R $\frac{1}{2}$ " | R $\frac{3}{4}$ " | R $\frac{3}{4}$ " | R $\frac{3}{4}$ " |
| electrical supply in V | | 230 V / 50 Hz ~ | | | | | |
| ignition and control | | spark ignition and ionisation electrode run by automatic controller | | | | | |
| CE-Identification | | CE-0085BO0037 | | | | | |

Appliance

- as single heater with individual fan
- as system D [herringbone system], several heaters with central flue fan

Air/exhaust requirements

- for indoor dependent operation [Art. B]
- for indoor independent operation [Art. C]

Min. connection pressure

| | 15 U - 50 U | 60 L |
|-------------|-------------|---------|
| Nat. gas H: | 15 mbar | 20 mbar |
| Nat. gas L: | 20 mbar | 30 mbar |
| Propane: | 40 mbar | 40 mbar |

Max. connection pressure

Nat. gas and propane: 60 mbar

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