

A Break-through in Performance and Efficiency

Infrared Luminous Heater

supraSchwank



Now also with
modulating operation



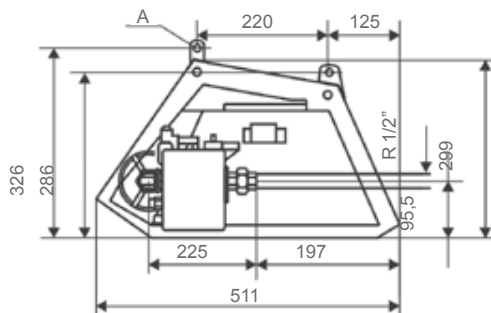
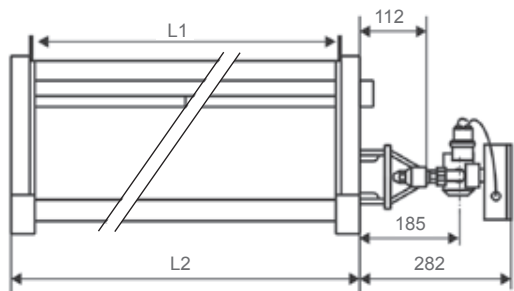
Schwank
INNOVATIVE HEATING SOLUTIONS



Infrared Luminous Heater- supraSchwank

- High radiant factor of 80.9%* and therefore extraordinarily high efficiency
- Available as single stage, 2-stage or fully modulating versions
- With PromaGlafl® insulation / minimisation of the convection losses
- Patented Delta Mixing Chamber
- Combined high- and low-intensity infrared radiation for a high radiant factor
- High-temperature stainless steel refractory mesh
- Schwank ceramic "honeycomb effect" tiles [ceraSchwank]
- Even and comfortable heat distribution
- Short warm-up times
- Quality, long-life cycle and high comfort
- No dust swirls or draughts with supraSchwank luminous heater
- Quick and easy assembly
- Quality "Made in Germany"

* Radiant factor of supraSchwank 30 measured by DVGW laboratory according to DIN EN 419-2



		supraSchwank 10	supraSchwank 15	supraSchwank 20	supraSchwank 30	supraSchwank 40
Gas input * [kW]	Nat. gas H / L	7.7	11.5	15.4	23.1	30.8
	Propane	7.7	11.5	15.4	23.1	30.8
Gas consumption in m³/h **	Nat. gas H / L	0.77 / 0.90 m ³ /h	1.15 / 1.34 m ³ /h	1.54 / 1.80 m ³ /h	2.32 / 2.70 m ³ /h	3.08 / 3.59 m ³ /h
	Propane	0.60 kg/h	0.90 kg/h	1.20 kg/h	1.80 kg/h	2.40 kg/h
Weight [kg]	Appliance	17.0	22.4	29.0	38.0	51.0
	Control	1.4	1.4	1.4	1.4	2.3
Dimensions [mm]	Length L2	629	906	1184	1738	2293
	Length L1	553	830	1108	1662	2217
CE-Identification	CE-0085AU0376					

* The nominal heat load is the heat quantity supplied by the gas based on its thermal value H_n

**Gas consumption: Nat. gas H: H_n = 9.97 kWh/m³ Nat. gas L: H_n = 8.57 kWh/m³ Propane: H_n = 12.87 kWh/kg (at 0°C / 1013 mbar)

Applications

High efficiency heater for industrial applications, warehouses or outdoor heating.

Min. connection pressure

	1-stage	2-stage	modulating
Nat.gas H:	16 mbar	30 mbar	45 mbar
Nat.gas L:	22 mbar	24 mbar	45 mbar
Propane:	32 mbar	65 mbar	65 mbar
Butane:	50 mbar	65 mbar	65 mbar

Max. connection pressure

Nat. gas/ Propane: 100 mbar

Electrical supply

Single-phase AC
 · 230 V, N, PE
 · 50 Hz [approx. 45 VA]

Exhaust flue indirect

according to DIN EN
 13410 or DVGW G 638-1
 or ÖVGW G 3/3

Gas connection

Threaded fitting R 1/2" [male]

Fixture

The heater to be mounted on 4 points [A] with steel cables or the like on the ceiling or wall brackets attached to the wall.

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