

# Excellence through Innovation

## Infrared Tube Heater

### calorSchwank D Form LL



Now also with  
modulating operation



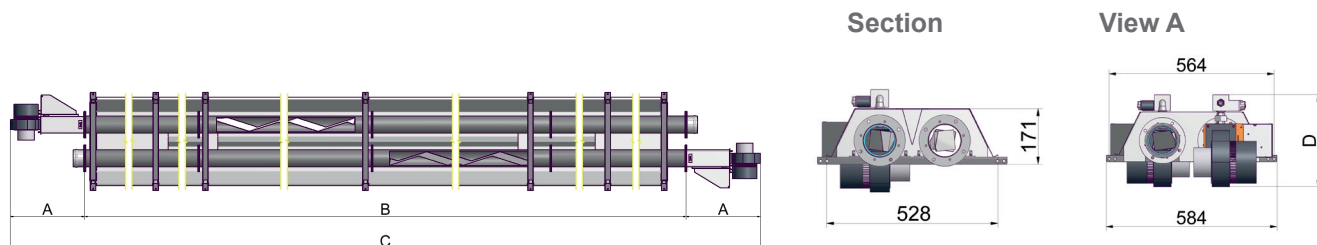
**Schwank**  
INNOVATIVE HEATING SOLUTIONS



# Infrared Tube Heater – calorSchwank D Form LL

- Radiant factor of up to 70.2%\* and therefore achieving excellent efficiency
- Available as single stage, 2-stage or fully modulating version
- With Isotherm insulation / minimisation of convection losses
- Long laminar flame
- Pressure burner system Whisper-Jet
- As quiet as a whisper
- Quality „Made in Germany“
- Quick and easy installation

\* radiant factor of a calorSchwank 30 measured by DVGW laboratory according to DIN EN 416-2



Dimensions [in mm]		80 LL	100 LL	120 LL
A		445	470	470
B		13620	18000	19490
Dimension B refers to: [numbers of tubes x length of tubes in mm]				
C		14510	18940	20430
D		291	308	308
Gas		80 LL	100 LL	120 LL
<b>Natural gas H / G 20</b>	gas input in kW	78,0	98,0	120,0
	[H <sub>i,n</sub> = 9,97 kWh/m <sup>3</sup> ] gas consumption in m <sup>3</sup> /h	7,82	9,82	12,04
<b>Natural gas L / G 25</b>	gas input in kW	78,0	98,0	120,0
	[H <sub>i,n</sub> = 8,57 kWh/m <sup>3</sup> ] gas consumption in m <sup>3</sup> /h	9,10	11,44	14,0
<b>Propane / G 31</b>	gas input in kW	78,0	98,0	120,0
	[H <sub>i,n</sub> = 12,87 kWh/kg] gas consumption in kg/h	6,06	7,62	9,32
weight in kg		219	306	335
air/exhaust connection in mm		Ø 100		
electrical consumption in W		208	182	182
electrical protection		IP 20		
gas connection [female]		R <sup>3</sup> / <sub>4</sub> "	R <sup>3</sup> / <sub>4</sub> "	R <sup>3</sup> / <sub>4</sub> "
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

	80 LL - 100 LL	120 LL
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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