

# Excellence through innovation

## Infrared Tube Heater

### calorSchwank D Form U



with Isotherm  
insulation

Now also with  
modulating operation



**Schwank**  
INNOVATIVE HEATING SOLUTIONS

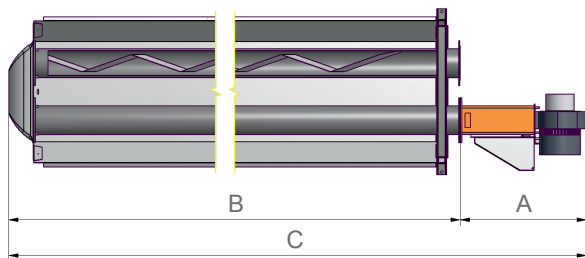


# Infrared Tube Heater – calorSchwank D Form U

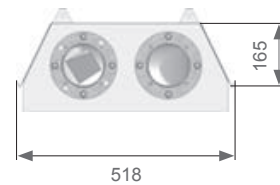
- Radiant factor of 70.2%\* and therefore achieving excellent efficiency
- Available as single stage, 2-stage or fully modulating version
- With Isotherm insulation / minimisation of convection losses

- Long laminar flame
- Pressure burner system Whisper-Jet
- As quiet as a whisper
- Quality „Made in Germany“
- Quick and easy installation

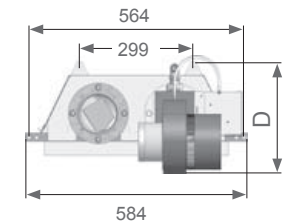
\* radiant factor of a calorSchwank 30 measured by DVGW laboratory according to DIN EN 416-2



Section



View A



Dimensions [in mm]		15 U	20 U	30 U	40U	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
<b>Natural gas H / G 20</b>	gas input in kW	15.0	19.0	29.0	39.0	49.0	60.0
[H <sub>i,n</sub> = 9,97 kWh/m <sup>3</sup> ]	gas consumption in m <sup>3</sup> /h	1.50	1.91	2.91	3.91	4.92	6.02
<b>Natural gas L / G 25</b>	gas input in kW	15.0	19.0	29.0	39.0	49.0	60.0
[H <sub>i,n</sub> = 8,57 kWh/m <sup>3</sup> ]	gas consumption in m <sup>3</sup> /h	1.75	2.22	3.38	4.55	5.72	7.00
<b>Propane / G 31</b>	gas input in kW	15.0	19.0	29.0	39.0	49.0	60.0
[H <sub>i,n</sub> = 12,87 kWh/kg]	gas consumption in kg/h	1.17	1.48	2.25	3.03	3.81	4.66
weight in kg		68	95	119	171	221	245
air/exhaust connection in mm		Ø 100					
electrical consumption in W		104				91	
electrical protection		IP 20					
gas connection [female]		R <sup>1</sup> / <sub>2</sub> "	R <sup>1</sup> / <sub>2</sub> "	R <sup>3</sup> / <sub>4</sub> "	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-Identifikation		CE-0085BO0037					
<b>Appliance</b>		<b>Min. connection pressure</b>					
<ul style="list-style-type: none"> <li>▪ as single heater with individual fan</li> <li>▪ as system D [herringbone system], several heaters with central flue fan</li> </ul>		<b>15 U - 50 U</b>		<b>60 L</b>			
		Erdgas H:		15 mbar		20 mbar	
		Erdgas L:		20 mbar		30 mbar	
		Propan:		40 mbar		40 mbar	
<b>Air/exhaust requirements</b>		<b>Max. connection pressure</b>					
<ul style="list-style-type: none"> <li>▪ for indoor dependent operation [Art. B]</li> <li>▪ for indoor independent operation [Art. C]</li> </ul>		Nat.gas and propane: 60 mbar					