

Excellence through Innovation

Infrared Tube Heater

calorSchwank D Form L



with PromaGlaF®
insulation

Now also with
modulating operation



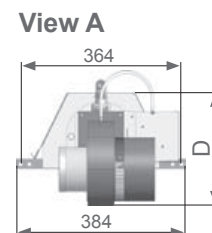
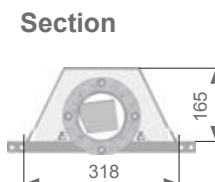
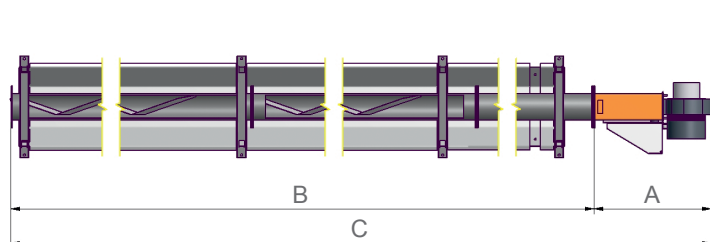
Schwank
INNOVATIVE HEATING SOLUTIONS



Infrared Tube Heater – calorSchwank D Form L

- Radiant factor of 70.2%* and therefore achieving excellent efficiency
- Available as single stage, 2-stage or fully modulating version
- With PromaGlas® 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]		15 L	20 L	30 L	40 L	50 L	60 L
A		445	445	445	445	470	470
B		6100	6100	9150	13620	18000	19570
Dimension B refers to: [numbers of tubes x length of tubes in mm]		2 x 3050	2 x 3050	3 x 3050	3 x 4540	2 x 3050 2 x 5950	3 x 4540 1 x 5950
C		6545	6545	9595	14065	18470	20040
D		273	273	273	273	290	290

Gas		15 L	20 L	30 L	40 L	50 L	60 L
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 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 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 kWh/kg] gas consumption in kg/h	1.17	1.48	2.25	3.03	3.81	4.66
weight in kg		79	79	112	161	205	222
air/exhaust connection in mm		Ø 100					
electrical consumption in W		104				91	
electrical protection		IP 20					
gas connection [female]		R ¹ / ₂ "	R ¹ / ₂ "	R ¹ / ₂ "	R ³ / ₄ "	R ³ / ₄ "	R 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 L - 50 L	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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