

GTub Module Air Heater

GTub, Gas Fired Module Air Heater:

Heavy duty, reliable, robust unit suitable for installing in Air Handling Units.

Available Capacities:

60kW - 80kW - 100kW - 150kW

GTub Heaters are provided with:

- Electronic ignition
- Remote reset
- Modulating burner control
- Robust tubular heat exchanger
- Simple 2-wire control



Unit Size	60	80	100	125	150
Air Vol (m3/hr)	(Pa)	(Pa)	(Pa)	(Pa)	(Pa)
2.000	8				
3.000	17	9			
4.000	30	16	10		
5.000	47	25	16	11	
6.000	68	36	23	15	11
7.000	92	49	31	21	15
8.000	120	64	40	27	20
9.000	151	81	51	35	26
10.000	186	100	62	43	31
11.000	225	121	75	51	38
12.000	267	143	89	61	45
13.000	313	168	105	71	53
14.000		194	121	83	61
15.000		223	139	95	70
16.000		253	158	108	80
17.000		285	178	121	90
18.000		320	199	136	101
19.000			222	151	112
20.000			245	167	124
21.000			270	184	136
22.000			296	202	149
23.000			324	221	163
24.000				240	178
25.000				261	193
26.000				282	208
27.000				303	224
28.000				326	241
29.000					258
30.000					276

G Tub Module Air Heater

Air Volume		60	80	100	125	150
Min.Air High settings	m3/hr	5400	7200	9000	11000	13000
Min.Air Low settings	m3/hr	3600	4800	6000	7500	9000

TECHNICAL DETAILS

Type			TR60	TR80	TR100	TR125	TR150
Maximum nominal heat input (Nett)		kW	65.50	83.00	110.00	134.50	159.00
Minimum nominal heat input (Nett)		kW	44.00	53.50	73.50	90.00	105.00
Efficiency max power		%	91.50	91.50	91.50	91.50	91.50
Efficiency min power		%	88.00	88.00	89.00	89.50	89.50
Maximum heat output		kW	59.90	75.90	100.70	123.10	145.50
Minimum heat output		kW	38.70	47.10	65.40	80.60	93.98
Max air output		m3/h	6000	8000	10000	12500	15000
Electric connection		Volt	230	230	230	230	230
Gas connection		G"	3/4"	3/4"	3/4"	3/4"	3/4"

Natural gas G20

Gas category II2H3P

Min supply pressure	G20 (H)	mbar	20	20	20	20	20
Class		Clas.		B22, C12, C32.			
Max gas consumption	G20 (H)	m3/h	6.90	8.80	11.60	14.20	16.80
burner pressure high	(H)	mbar	6.50	7.40	8.00	6.90	6.70
burner pressure low		mbar	3.00	3.20	3.50	2.90	2.80
CO2 high (indication)	G20 (H)	%	8.00	8.30	8.20	8.00	7.60
Nox class			3	3	3	3	3

Propane G31

Gas category II2H3P

Min supply pressure	G31 (P)	mbar	30	30	30	30	30
Class		Clas.		B22, C12, C32.			
Max gas consumption	G31 (P)	kg/h	5.20	6.60	8.80	10.70	12.70
burner pressure high	(P)	mbar	17.50	19.50	19.50	20.00	19.00
burner pressure low		mbar	8.00	8.10	8.50	8.50	8.00
CO2 high (indication)	G31 (P)	%	9.30	9.20	9.50	9.00	9.00
Nox class			3	3	3	3	3



Technical drawing of the GTub-D 60 & 80, showing dimensions and views:

- Top view:** Overall dimensions 1750 x 705. Internal dimensions include 1028, 385, 620, and 4 x M10.
- Front view:** Overall dimensions 1337 x 830. Internal dimensions include 770, 382, 160, 60, and 16. It shows 14 x M5 holes.
- Rear view:** Shows the rear profile of the unit.
- Side view:** Overall dimensions 705 x 830. Internal dimensions include 180, 225, 130, 36, 23, 36, and 220. It shows Gas 3/4" and Air in connections.

Technical drawing of the G.Tub-D 100 boiler, showing isometric, top, front, and side views with dimensions.

Isometric View: Shows the boiler's 3D structure, including the combustion chamber, heat exchanger, and flange.

Top View: Dimensions include overall width 1750, internal width 1026, depth 705, and a 4 x M10 mounting hole pattern.

Front View: Dimensions include overall height 1337, internal height 770, and a width of 830. It shows the vertical arrangement of the heat exchanger tubes.

Side View: Dimensions include overall width 830, internal width 770, and a height of 1337. It shows the horizontal arrangement of the heat exchanger tubes.

Flange View: Shows the front and rear flange details, including the 100 mm flange diameter and the 1359 mm hole-to-hole distance.

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