

tube furnaces



Table shows vertical options

Wire embedded tube furnaces ~ three zone	GVC 12/450	GVC 12/600	GVC 12/750	GVC 12/900	GVC 12/1050	GVC 12/1200	TVS 12/600	TVS 12/900
Max. Temperature (°C)	1200	1200	1200	1200	1200	1200	1200	1200
Continuous Temperature (°C)	1100	1100	1100	1100	1100	1100	1100	1100
Heat up time (mins)	75	80	92	111	122	81		
Maximum o/d of separate worktube	170	170	170	170	170	170	110	110
Separate worktube length required:								
Heating in air (mm)	750	900	1050	1200	1350	1500	900	1200
Heating with atmosphere (mm)	1050	1200	1350	1500	1650	1800	750	1050
Heated Length (mm)	450	600	750	900	1050	1200	600	900
Overall furnace Length (mm)	630	780	930	1080	1230	1380	750	1050
Versatile mounting:								
L stand / Wall bracket	✓	✓	✓	✓	✓	✓	✓	
Uniform length +/-5 (°C)	300	440	500	640	880	~	500	750
Thermocouple Type	N	N	N	N	N	N	N	N
Max Power (W)	3100	3900	4600	5400	6200	7000	3000	4500
Holding Power (W)	1500	1800	2200	2800	2800	3100		
H model (kg)	~	~	50	57	68	~	34	46
V model external dimensions:								
Height of stand to top of furnace								
H (mm)	1418	1418	1793	1860	1943	2018	700	1000
W (mm)	468	468	468	468	468	468	350	350
D (mm) Depth Includes stand	662	662	662	662	662	662	350	350
Weight (kg)	~	~	50	57	68	~	34	44
Clearance under furnace min & max (mm)	177-702	177-550	177-777	100-702	26-627	26-551		
V model control box dimensions:								
H x W x D 222 x 570 x 375 (mm)	✓	✓	✓	✓	✓	✓		

High temperature furnaces ~ three zone	TZF15/610	TZF16/610	TZF17/600	TZF18/600
Max. Temperature (°C)	1500	1600	1700	1800
Continuous Temperature (°C)	1400	1500	1600	1700
Heat up Time (mins)	75	~	150	150
Maximum o/d of separate worktube	90	90	90	90
Heated Length (mm)	610	610	600	600
Overall Furnace Length (mm)	1200	1200	950	950
Horizontal mounting on control box	✓	✓	✓	✓
Uniform Length +/-5 (°C)	450	450	500	500
Thermocouple Type	R	R	B	2
Max. Power (W)	8000	9000	9000	1000
External Dimensions:				
H (mm)	660	660	900	945
W (mm)	1130	1130	950	1020
D (mm)	445	445	630	740
Weight (kg)	44	44	180	200

- 1) Holding power is measured at 100°C below max. temperature, based on 240V supply, with an empty chamber.
- 2) Uniformity graphs are available on request, for most models.
- 3) Heat up time is measured at 100°C below max. temperature with an empty tube.



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)1245 600560

Fax: +44 (0)1245 600030

Email: sales@keison.co.uk

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.