Options (specify these at time of order)

- A range of sophisticated digital controllers, multi-segment programmers and data loggers is available. These can be fitted with RS232, RS485 or Ethernet communications (see pages 94 – 97)
- Over-temperature protection (recommended to protect valuable contents & for unattended operation)
- A range of additional work tubes (pages 98 – 99) and end seals (page 102) or work tube packages (pages 100 – 101) are available
- Wide choice of tube diameters and materials is available. See pages 98 – 99 for tube materials and dimensions
- Available without stand (comprising control module & furnace body)
- Insulation plugs & radiation shields to prevent heat loss & improve uniformity
- End zones 300 mm long (GVC, GHC)
- Control module on longer 6 metre conduit (GVC)
- 'Retransmission of Setpoint' control configuration to facilitate programmed cooling
- Alternative mounting options are available (see page 51) (GHA, GHC)

GVA 12/600

Technical data

CGH Model	Max. temp. [°C]	Heat-up time [mins]	Dimensions: Max. outer diameter accessory tube [mm]	Dimensions: Heated length [mm]	Dimensions: Furnace body length [mm]	Tube length for use in air [mm]	Tube length for use with modified atmosphere [mm]	Dimensions: External Furnace body (inc. stand) H x W x D [mm]	Dimensions: Clearance under furnace H [mm]	Uniform length ±5°C [mm]	Max. power [W]	Hold-ing power [W]	Ther-mo-couple type	Weight [kg]
Single Zone Modular Vertical Tube Furnaces GVA														
GVA 12/300	1200	90	170	300	480	500	900	1345 x 468 x 662	251 to 778	–	2300	1125	N	73
GVA 12/450	1200	75	170	450	630	650	1050	1418 x 468 x 662	177 to 702	–	3100	1555	N	87
GVA 12/600	1200	70	170	600	780	800	1200	1418 x 648 x 662	177 to 550	–	3900	1840	N	95
GVA 12/750	1200	80	170	750	930	950	1350	1793 x 468 x 662	177 to 777	–	4600	2165	N	100
GVA 12/900	1200	–	170	900	1080	1100	1500	1860 x 468 x 662	100 to 702	–	5400	2800	N	110
GVA 12/1050	1200	67	170	1050	1230	1250	1650	1943 x 468 x 662	26 to 627	–	6200	2960	N	120
GVA 12/1200	1200	83	170	1200	1380	1400	1800	2018 x 468 x 662	26 to 551	845	7000	3310	N	130
3-Zone Modular Vertical Tube Furnaces GVC														
GVC 12/450	1200	75	170	450	630	650	1050	1418 x 468 x 662	177 to 702	300	3100	1500	N	87
GVC 12/600	1200	80	170	600	780	800	1200	1418 x 468 x 662	177 to 550	440	3900	1800	N	95
GVC 12/750	1200	92	170	750	930	950	1350	1793 x 468 x 662	177 to 777	500	4600	2200	N	100
GVC 12/900	1200	111	170	900	1080	1100	1500	1860 x 468 x 662	100 to 702	640	5400	2281	N	110
GVC 12/1050	1200	122	170	1050	1230	1250	1650	1943 x 468 x 662	26 to 627	880	6200	2800	N	120
GVC 12/1200	1200	82	170	1200	1380	1400	1800	2018 x 468 x 662	26 to 551	1015	7000	3163	N	130

Please note:
- Heat up rate when using a ceramic work tube must be limited to 5°C/min
- Heat up time is measured to 100°C below max, using an empty tube & insulation plugs
- Dimensions excluding control box (225 x 600 x 380 mm)
- Maximum continuous operating temperature is 100°C below maximum temperature
- Holding power is measured at continuous operating temperature
- Uniform length measured with insulation plugs fitted

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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct.
If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.