

GEORGIA THERMAL PRODUCTS

model GTC



buyers guide

vacuum tray dryer



model GTC

PHYSICAL SPECIFICATIONS

Model	2GTC	4GTC	10GTC	27GTC	64GTC	80GTC
Specification						
Interior Size Cubic Feet (liters)	1.6 (45.3)	4.5 (127)	8 (226)	27 (764)	64 (1812)	80 (2265)
Interior Width (mm)	12.0 (304)	18 (457)	24 (609)	36 (914)	48 (1219)	48 (1219)
Interior Height (mm)	12.0 (304)	18 (457)	24 (609)	36 (914)	48 (1219)	60 (1524)
Interior Depth (mm)	20 (508)	24 (609)	30 (762)	36 (914)	48 (1219)	48 (1219)
Shelf Width (mm)	11.5 (292)	17.5 (444)	23.5 (597)	35.5 (901)	47.5 (1206)	47.5 (1206)
Shelf Depth (mm)	18 (457)	22.5 (571)	29.5 (749)	35.5 (901)	47.5 (1206)	47.5 (1206)
Shelf Square ft.	1.4	2.7	4.8	8.5	14.6	14.6
MAX no. Oil Heated Shelves	0	6	9	9	12	16
MAX no. Electrically Heated Shelves	2	4	6	0	0	0
Exterior Width (mm)	24 (609)	48 (1219)	48 (1219)	62 (1574)	72 (1828)	72 (1828)
Exterior Height (mm)	24 (609)	64 (1625)	64 (1625)	82 (2082)	90 (2286)	84 (2133)
Exterior Depth (mm)	30 (762)	42 (1066)	42 (1066)	56 (1422)	60 (1524)	60 (1524)
Exterior dimensions includes fully enclosed base except the 2GTC which is a table top						

LAYOUT OPTIONS

- Reversible Hinges
- Viewing Ports
- Standalone Approved Over-temp Controller



PROCESS & UTILITY SPECIFICATIONS

Specification \ Model	2GTC	4GTC	10GTC	27GTC	64GTC	80GTC
Standard Interior Material	304L stainless	304L stainless	304L stainless	304L stainless	304L stainless	304L stainless
Temperature Range Oil	30 to 125° C	30 to 125° C	30 to 125° C	30 to 125° C	30 to 125° C	30 to 125° C
Temperature Range Electric	38 to 315° C	38 to 315° C	38 to 315° C	38 to 315° C	38 to 315° C	38 to 315° C
Heating Rate (under vacuum)	100° C <10-min	100° C <20-min	100° C <20-min	100° C <35-min	100° C <45-min	100° C <60-min
Control Temp Stability @ 100° C	±0.3°C	±0.5°C	±0.5°C	±0.4°C	±0.3°C	±0.3°C
Temperature Uniformity @ 100° C	±3.5°C	±3.5°C	±3.5°C	±4.0°C	±5.0°C	±5.5°C
Pressure Capability (low range)	760 to <1-Torr	760 to <1-Torr	760 to <1-Torr	760 to <1-Torr	760 to <1-Torr	760 to <1-Torr
Electrical Requirements based on max number of shelves:						
Power Supply 120V	1-kW 9A	•	•	•	•	•
Power Supply 208/240V 1ø	1-kW 5A	4.5-kW 21A	•	•	•	•
Power Supply 208/240V 3ø	•	4.5-kW 12A	9-kW 25A	12-kW 34A	•	•
Power Supply 480V 3ø	•	4.5-kW 6A	9-kW 12A	12-kW 16A	18-kW 22A	24-kW 28A
Does not include amp loads for vacuum pumps or other ancillary equipment						
Utility Requirements:						
Compressed Air	70-psi	70-psi	70-psi	70-psi	70-psi	70-psi
Cooling Water (if required)		20-psi 2-gpm	20-psi 3-gpm	30-psi 4-gpm	30-psi 6-gpm	30-psi 6-gpm

Discuss your application further

Phone: 844.487.6836

e-mail: info@gathermal.com

www.gathermal.com

The information provided in this catalog contains descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

Availability and technical specifications are subject to change without notice.

All product designations may be trademarks or product names of Georgia Thermal Products LLC and or supplier companies whose use by third parties for their own purposes could violate the rights of the owners.

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the publisher, except in the case of brief quotations embodied in critical reviews and certain other noncommercial uses permitted by copyright law. For permission requests, write to the publisher, addressed "Attention: Legal Department," at the address below.

Georgia Thermal Products
6110 Parkway North Drive
Cumming, Georgia 30040 USA



Information subject to change without notice
Document Number **GTP102b**

Printed in USA
© Georgia Thermal Products LLC 2025
All Rights Reserved