

SoliTherm® Peltier

Efficient enclosure cooling with Peltier technology



KG 6405

External or recessed mounting

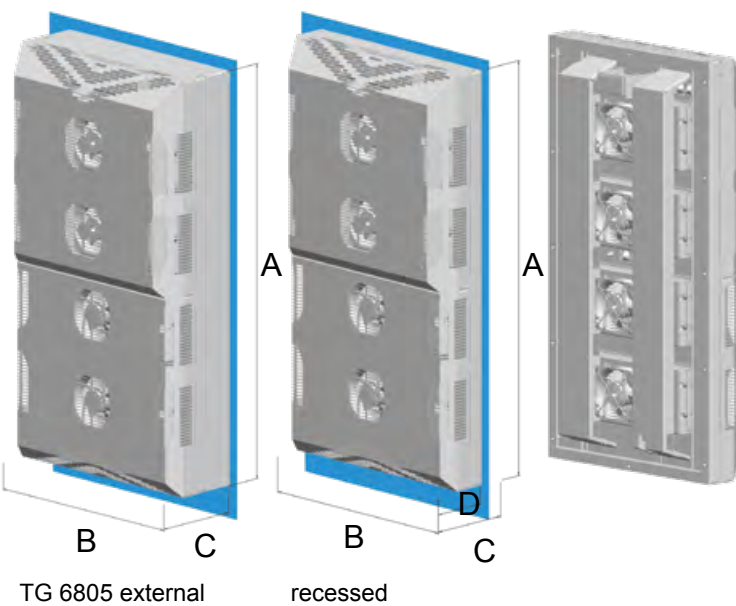
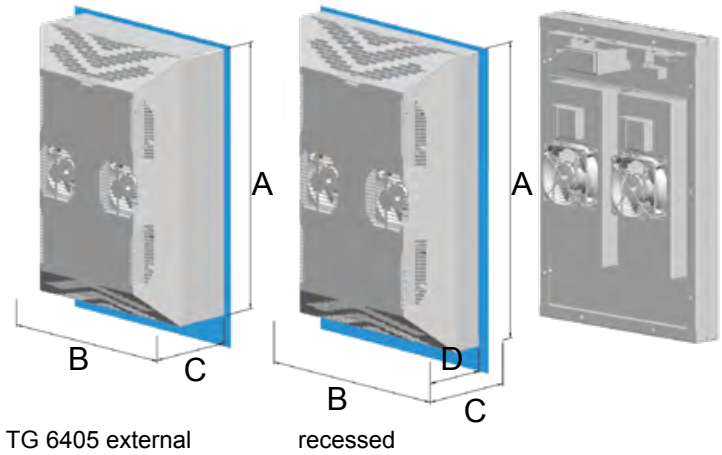
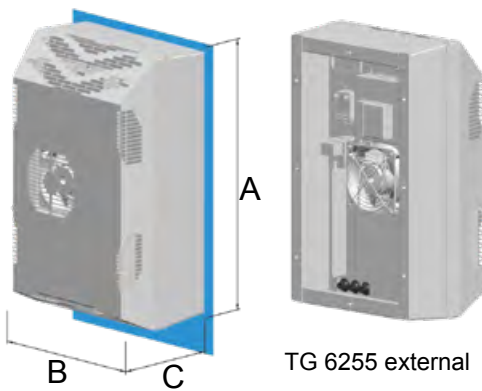
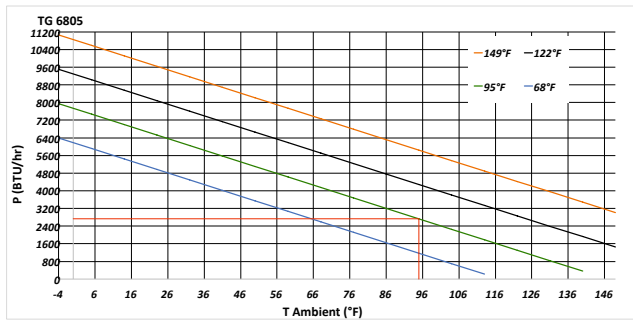
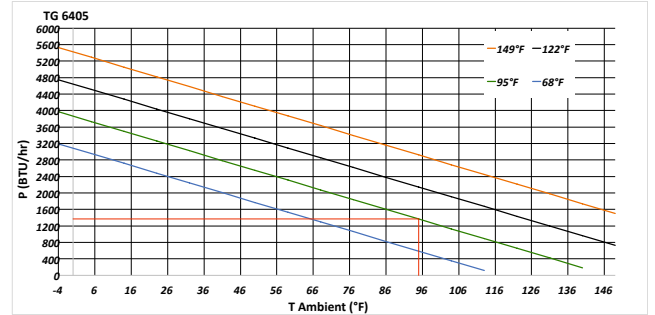
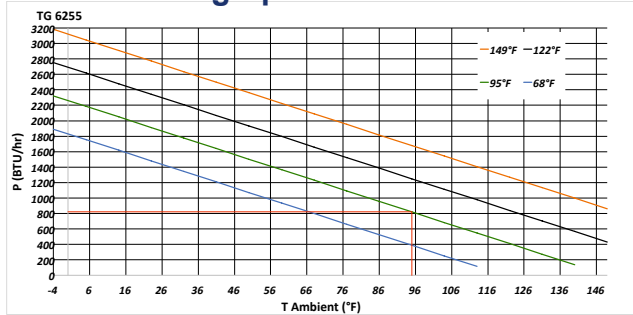
- ✓ Cooling capacities: 850, 1,370 and 2,730 BTU
- ✓ AC and DC models available
- ✓ Suitable for Indoor and Outdoor applications
- ✓ Can be mounted in any position ¹⁾
- ✓ NEMA 4X rated
- ✓ Ingress protection rating of IP 66
- ✓ Virtually maintenance free
- ✓ For accessories please refer to page 42



TG 6255, TG 6405, TG 6805						
Type	TG 6255		TG 6405		TG 6805	
Order number recessed	6255303		6405303		6805303	
Order number with frame	6255305		6405305		6805305	
Cooling capacity 95F / 95F	850 BTU		1,370 BTU		2,730 BTU	
Operating temperature range	-4°F - 149°F					
Setting range	68°F - 122°F (cooling)					
Ambient / cabinet air flow	70 / 70 cfm		140 / 140 cfm		280 / 280 cfm	
Mounting	recessed / external (with frame)					
Dimensions A x B x C (D) recessed	19.69 x 11.81 x 7.64 (4.23) inch		23.62 x 17.01 x 7.95 (5.43) inch		38.27 x 20.24 x 7.87 (5.43) inch	
Dimensions A x B x C with frame	19.69 x 11.81 x 7.87 inch		23.62 x 17.01 x 8.19 inch		38.27 x 20.24 x 8.19 inch	
Housing material	Stainless steel 304 (V2A)					
Weight (recessed / with frame)	38 lbs. / 44 lbs.		75 lbs. / 82 lbs.		145 lbs. / 154 lbs.	
ELECTRICAL DATA						
Voltage / Frequency	120 - 230 V AC ~ 50/60 Hz					
Current 95F / 95F	3.4 A @ 120 V	1.8 A @ 230 V	3.9 A @ 120 V	2.0 A @ 230 V	7.7 A @ 120 V	4.0 A @ 230 V
Starting current	5.2 A @ 120 V	2.7 A @ 230 V	5.8 A @ 120 V	3.0 A @ 230 V	11.6 A @ 120 V	6.0 A @ 230 V
Max. current	3.6 A @ 120 V	1.9 A @ 230 V	2.1 A @ 120	4.0 A @ 230 V	8.0 A @ 120 V	4.2 A @ 230 V
Nominal power 95F / 95F	410 W		460 W		930 W	
Max. power	430 W		480 W		960 W	
Fuse rating	6 A (T)	3 A (T)	6 A (T)	4 A (T)	12 A (T)	7 A (T)
Connection	Connection terminal block					
NEMA rating	IP 66					
Certification	CE, RoHS					

¹⁾ Depending on the mounting situation the condensation management may need to be considered and possibly adjusted.

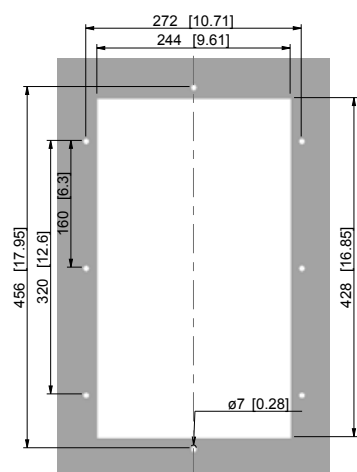
Performance graphs



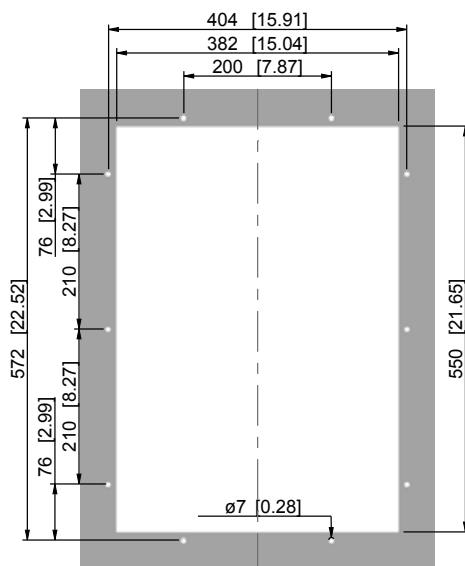
For mounting templates please refer to page 41



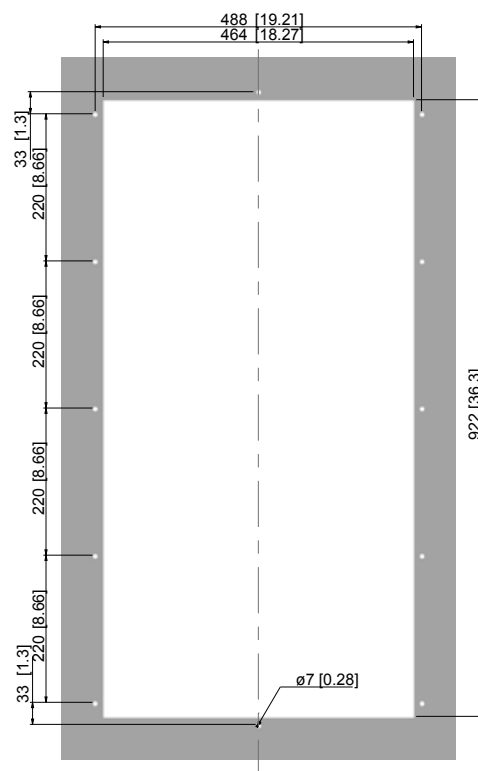
Mounting templates Peltier units



TG 6155 / 6205 / 6255 external



TG 6405 external / recessed



TG 6805 external / recessed

