

# SoliTherm<sup>®</sup> Peltier DC

Efficient enclosure cooling with Peltier technology



**CORROSION  
RESISTANT HOUSING**

Stainless steel 304 (V2A) or 316 (V4A)

12 V / 24 V / 48 V

-20°C - +65°C

(-4°F - 149°F)

IP 66, NEMA 4X

Gasket and studs  
pre-installed

Cooling capacities  
from 30 W to 250 W



**AMBIENT FAN**

By default IP 68

**SEPARATE FAN/  
PELTIER ELEMENTS  
CONNECTIONS**

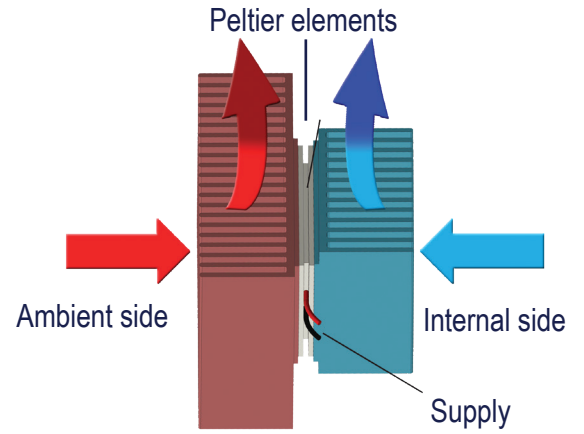




TG 3152

# MAIN FEATURES

- External or recessed mounting
- Cooling capacities: from 30 to 250 W
- Suitable for Indoor and Outdoor applications
- Can be installed in various positions <sup>1)</sup>
- NEMA 4X rated
- Ingress protection rating of IP 66
- Virtually maintenance free



THERMOELECTRIC COOLING PRINCIPLE

Type	TG 3030	TG 3050	TG 3102	TG 3152	TG 3200	TG 3200
Order number recessed	3030303	3050303	3102303	3152303	3200303	3200308
Order number with frame	3030305	3050305	3102305	3152305	3200305	3200310
Cooling capacity L35L35	30 W	50 W	100 W	150 W	200 W	250 W
Cooling capacity 95F95F	100 BTU	170 BTU	340 BTU	510 BTU	680 BTU	850 BTU
Operating temperature range	-20°C - +65°C -4°F - 149°F					
Ambient / cabinet air flow	39 / 20 m³/h 23 / 12 cfm	64 / 23 m³/h 37 / 13 cfm	128 / 46 m³/h 75 / 27 cfm	120 / 60 m³/h 70 / 35 cfm	120 / 120 m³/h 70 / 70 cfm	
Mounting	recessed / external (with frame)					
Dimensions H x W x D (mm)	110 x 154 x 129	206 x 154 x 135	200 x 304 x 138	400 x 180 x 171		
Recessed amount (mm)	64	60	64.1	90		
Dimensions H x W x D (in)	4.33 x 6.06 x 5.08	8.11 x 6.06 x 5.32	7.87 x 11.97 x 5.43	15.75 x 7.09 x 6.73		
Recessed amount (in)	2.52	2.37	2.52	3.54		
Dimensions H x W x D with frame (mm)	212 x 158 x 131	302 x 158 x 137	302 x 306 x 140	500 x 188 x 174		
Dimensions H x W x D with frame (in)	8.35 x 6.22 x 5.16	11.89 x 6.22 x 5.35	11.89 x 12.05 x 5.51	19.69 x 7.4 x 6.85		
Housing material	Stainless steel 304 (V2A)					
Weight (recessed / with frame)	1.8 / 2.6 kg 4 lbs. / 6 lbs.	3.3 kg / 3.9 kg 7 lbs. / 9 lbs.	5.9 kg / 7.4 kg 13 lbs. / 16 lbs.	9 kg / 12.7 kg 20 lbs. / 28 lbs.	10 kg / 13.7 kg 22 lbs. / 30 lbs.	
<b>ELECTRICAL DATA</b>						
Voltage / Frequency	12 V DC	24 V DC	24 V DC	24 V DC	24 V DC	48 V DC
Current L35L35 / 95F95F	2.8 A	2.4 A	4.8 A	7 A	10.8 A	8.5 A
Starting current	4.3 A	3.7 A	7.4 A	11 A	17 A	14 A
Max. current	2.9 A	2.5 A	4.9 A	7.5 A	11.6 A	9.3 A
Nominal power L35L35 / 95F95F	34 W	57.6 W	115 W	170 W	260 W	400 W
Max. power	35 W	60 W	118 W	180 W	280 W	440 W
Fuse rating	5 A (T)	4 A (T)	8 A (T)	10 A (T)	16 A (T)	13 A (T)
Connection	Connection terminal block					
Ingress IP protection / NEMA rating	IP 66, NEMA 4X					
Certification	CE, RoHS	CE, RoHS, cURus				

<sup>1)</sup> Depending on the mounting situation the condensation management may need to be considered and possibly adjusted. Not suitable for roof mounting.

Seifert Systems GmbH	Seifert Systems Ltd.	Seifert Systems AG	Seifert Systems Inc.	Seifert Systems Australia Pty Ltd.
Haßlinghauser Str. 156 58285 Gevelsberg	HF 09/10 Hal Far Industrial Estate Birzebbuga, BBG 3000	Wilerstraße 16 CH- 4563 Gerlafingen	75 Circuit Drive North Kingstown RI 02852 USA	105 Lewis Road Wantima South 3152 Victoria Australia
Germany	Malta	Switzerland	USA	Australia
Tel. +49 (0) 2332 55124-0 Fax +49 (0) 2332 5512429	Tel. +356 2220 7000 Fax +356 2165 2009	Tel. +41 (0) 32 675 35 51 Fax +41 (0) 32 675 44 76	Tel. +1 401-294-6960 Fax +1 401-294-6963	Tel. +61 (3) 98 01 19 06 Fax +61 (3) 98 87 08 45
info.de@seifertsystems.com	info@seifertsystems.com	info.ch@seifertsystems.com	info.us@seifertsystems.com	info@seifertsystems.com.au