

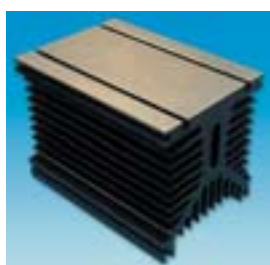
R <sub>th</sub> °C/W	H	W	D	Mfrs. List No.	Order Code
0.33	40	200	250	97CN-02500-A-200	170-769
0.31	40	300	200	96CN-02000-A-200	168-695
0.29	40	300	250	96CN-02500-A-200	148-121
0.28	40	300	300	96CN-03000-A-200	168-701

\*Includes 2 x 3.75 dia extruded holes, 70.5 slot spacing, along the base

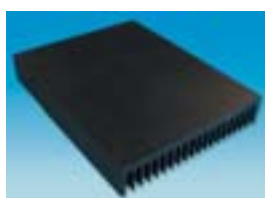
211582

R <sub>th</sub> °C/W	Order Code	1+	10+	30+	100+
1.7	738-906	976.00	816.00	702.00	503.00
1.5	738-890	1,549.00	1,302.00	1,116.00	801.00
1.2	151-283	1,776.00	1,456.00	1,238.00	904.00
1	148-124	1,889.00	1,664.00	1,469.00	1,164.00
1	150-013	3,053.00	2,374.00	1,944.00	1,495.00
0.9	526-769	1,705.00	1,384.00	1,335.00	820.00
0.7	526-770	1,643.00	1,522.00	1,286.00	991.00
0.65	254-204	2,481.00	1,980.00	1,764.00	1,263.00
0.6	526-782	2,046.00	1,770.00	1,599.00	1,232.00
0.6	526-794	1,804.00	1,669.00	1,409.00	1,087.00
0.54	148-122	2,161.00	1,847.00	1,537.00	1,109.00
0.53	526-800	2,328.00	2,013.00	1,820.00	1,402.00
0.42	148-119	3,140.00	2,456.00	1,959.00	1,559.00
0.4	148-123	3,129.00	2,421.00	1,945.00	1,540.00
0.36	148-120	4,492.00	3,478.00	2,792.00	2,325.00
0.34	168-683	3,450.00	2,838.00	2,275.00	2,014.00
0.33	170-769	2,840.00	2,560.00	2,236.00	--
0.31	168-695	5,421.00	4,479.00	3,533.00	3,059.00
0.29	148-121	5,820.00	4,929.00	4,345.00	4,128.00
0.28	168-701	7,790.00	6,116.00	5,208.00	4,781.00

Heatsinks For Semipack Power Modules



438-8562: H=135, W=125, D=180.



438-8586: H=40, W=200, D=250.



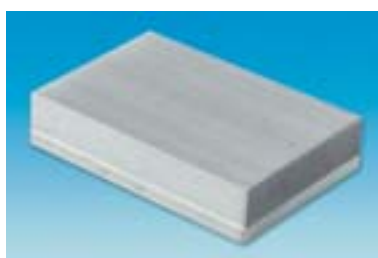
438-8574: H=40, W=96, D=150.

- Heatsinks for use with the Semikron isolated power modules: the Semipack (page 0000), Semitrans (page 0000) and Semipont bridge rectifier (page 0000) ranges
- Mounting channels accommodate power modules and additional accessories

333609

Mfrs. List No.	R <sub>th</sub> °C/W	Order Code	1+	25+	100+
P3/180A	0.47	438-8562	4,087.00	3,269.00	2,758.00
P33/150A	1.85	438-8574	1,112.00	889.00	750.00
P35/250A	0.41	438-8586	2,688.00	2,150.00	1,815.00

Ultra-Fin™



H=32.0 W=101.6

R <sub>th</sub> °C/W	L	Mfrs. List No.	Order Code
0.12	100	890SP-01000-A-100	410-5977
0.08	150	890SP-01500-A-100	410-5989
0.07	200	890SP-02000-A-100	410-5990
0.05	250	890SP-02500-A-100	410-6003
0.04	300	890SP-03000-A-100	410-6015

241536

R <sub>th</sub> °C/W	Order Code	1+	10+	30+	100+
0.12	410-5977	1,261.00	1,000.00	930.00	696.00
0.08	410-5989	1,770.00	1,404.00	1,306.00	977.00
0.07	410-5990	2,275.00	1,805.00	1,679.00	1,256.00
0.05	410-6003	2,784.00	2,207.00	2,054.00	1,536.00
0.04	410-6015	3,103.00	2,461.00	2,247.00	1,819.00

Force Cooled Assemblies

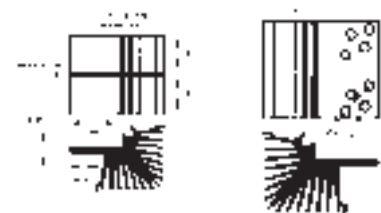
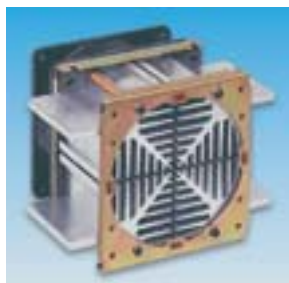


Illustration shows complete assembly:  
 2 x 1 station module kits  
 1 x 2 station component kit  
 1 x 119mm axial flow fan - (available separately)

Total Assembly  
 H=128, W=171 (incl platforms)  
 D (1 station)=41, D (2 station)=78  
 D (3 station)=114, D (4 station)=151  
 D (6 station)=224  
 Fixing centres (to fan)=105 x 105 x 4 dia.

A (1 station)=34.9  
 A (2 station)=71.4  
 A (4 station)=144.4

- Compact high thermal performance
- Electrically isolated extensions
- Force cooled or natural convection
- TO-3 pre-drilled, or undrilled
- Module Kit comprises 4 aluminium extensions
- Component Kit contains necessary hardware gaskets, end plates and instructions
- Complete assembly comprises one or more module kits and corresponding component kit

Typical dissipation

Typical thermal resistance for station No 1 (station nearest fan) per extrusion

1 station - 200W, 6 station - 800W  
 1.16°C/W @ 10 cu ft/min  
 1.02°C/W @ 15 cu ft/min

Mfrs. List No. FC-Mx=148-449 to 148-451, FC-Cx=148-452 to 148-457, FC-Mx-AC=151-302 to 151-303 where x=No of stations

211584

Order Code	1+	10+	30+
<b>Module Kits (TO-3 drilled)</b>			
2 station 151-302	3,671.00	3,073.00	2,786.00
4 station 151-303	6,268.00	5,246.00	4,680.00
<b>Module Kits (Undrilled)</b>			
1 station 148-449	1,799.00	1,659.00	1,443.00
2 station 148-450	3,008.00	2,524.00	2,284.00
4 station 148-451	5,335.00	4,466.00	3,984.00
<b>Component Kits</b>			
1 station 148-452	2,754.00	2,318.00	2,105.00
2 station 148-453	2,946.00	2,423.00	2,074.00
4 station 148-455	3,041.00	2,550.00	2,309.00
6 station 148-457	3,622.00	3,030.00	2,702.00

Thermoelectric Modules

DuraTEC, High Power Heat Pumps



- Single stage, Peltier-Effect coolers
- Reliable solid state design
- Sealed against condensation/moisture
- dc powered
- Vibration and noise free
- Small, lightweight package
- Precision temperature control to <0.05°C
- Maintenance free

- Polarity dependent heating/cooling
- 100mm leads

Heat Pump Capacity	W	ΔT <sub>max</sub> °C	I <sub>max</sub> A	V <sub>max</sub> V	H	W	D	Mfrs. List No.
6	68	2.5	3.6	4.04	16	20.5	DT3-2.5-01LS	
9	68	3.7	3.6	3.43	16	20.5	DT3-4-01LS	
17	68	7.4	3.6	3.63	20	24.5	DT3-8-01LS	
20	68	3.7	8.2	3.43	23.5	28	DT6-4-01LS	
30	68	5.6	8.2	4.01	30	34	DT6-6LS	
39	68	7.4	8.2	3.63	30	34	DT6-8-01LS	
23	68	2.5	14.7	4.04	30	34	DT12-2.5-01LS	
36	68	3.7	14.6	3.43	30	34	DT12-4-01LS	
54	68	5.6	14.6	4.01	40	44	DT12-6LS	
71	68	7.4	14.7	3.63	40	44	DT12-8LS	
71	68	7.4	14.7	3.63	40	44	RC12-8-01LS	

222201

Mfrs. List No.	Order Code	1+	10+	25+
DT3-2.5-01LS	936-443	2,488.00	2,118.00	1,964.00
DT3-4-01LS	936-455	2,402.00	2,045.00	1,896.00
DT3-8-01LS	936-479	2,728.00	2,265.00	2,150.00
DT6-4-01LS	936-492	2,552.00	2,226.00	--
DT6-6LS	596-486	3,009.00	2,669.00	2,512.00
DT6-8-01LS	936-509	3,554.00	3,101.00	3,072.00
DT12-2.5-01LS	936-510	3,074.00	2,553.00	2,479.00
DT12-4-01LS	936-522	3,020.00	2,508.00	2,435.00
DT12-6LS	596-498	3,176.00	2,816.00	2,739.00
DT12-8LS	596-504	3,616.00	3,208.00	3,028.00
RC12-8-01LS	115-6590	3,616.00	3,208.00	3,028.00