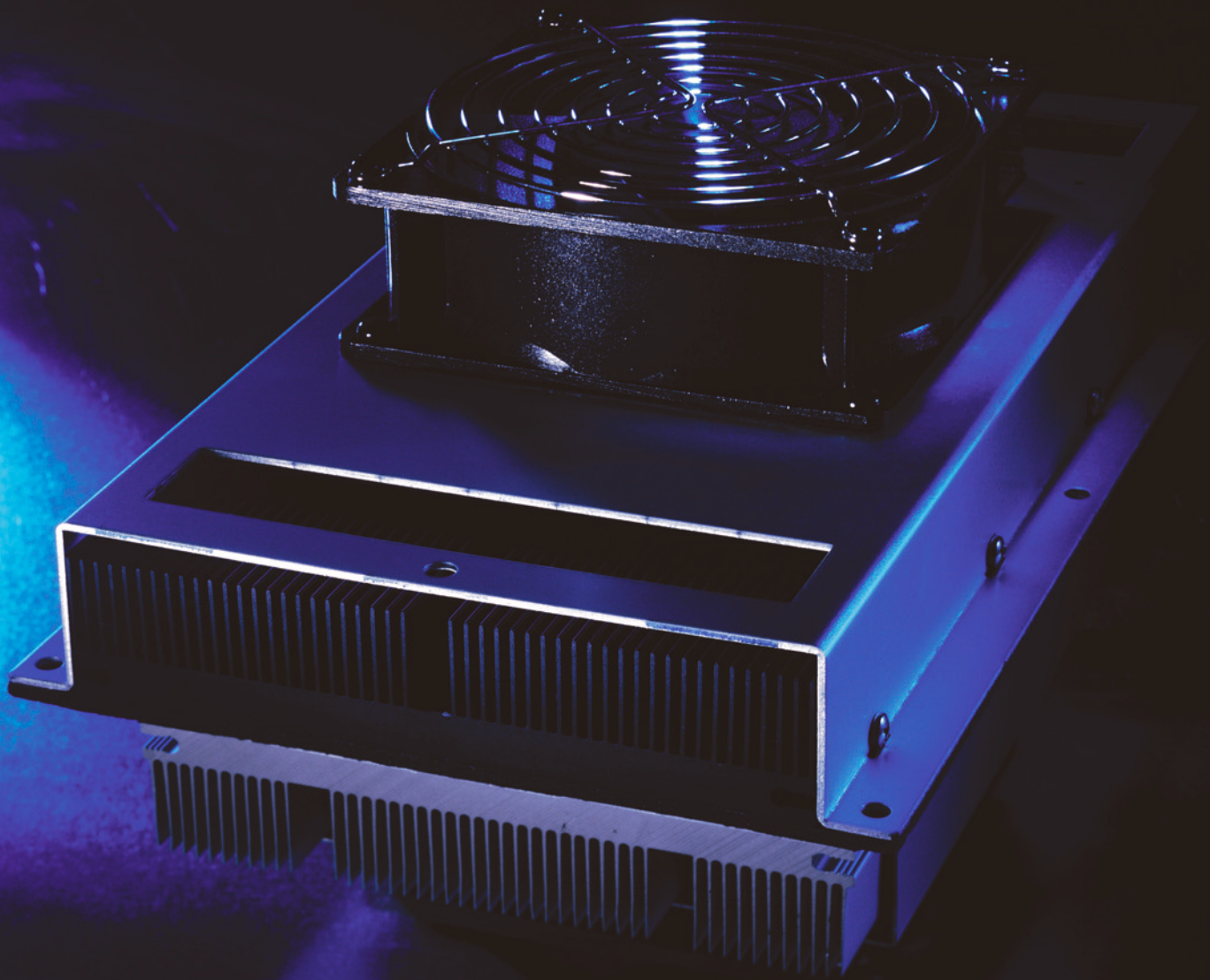
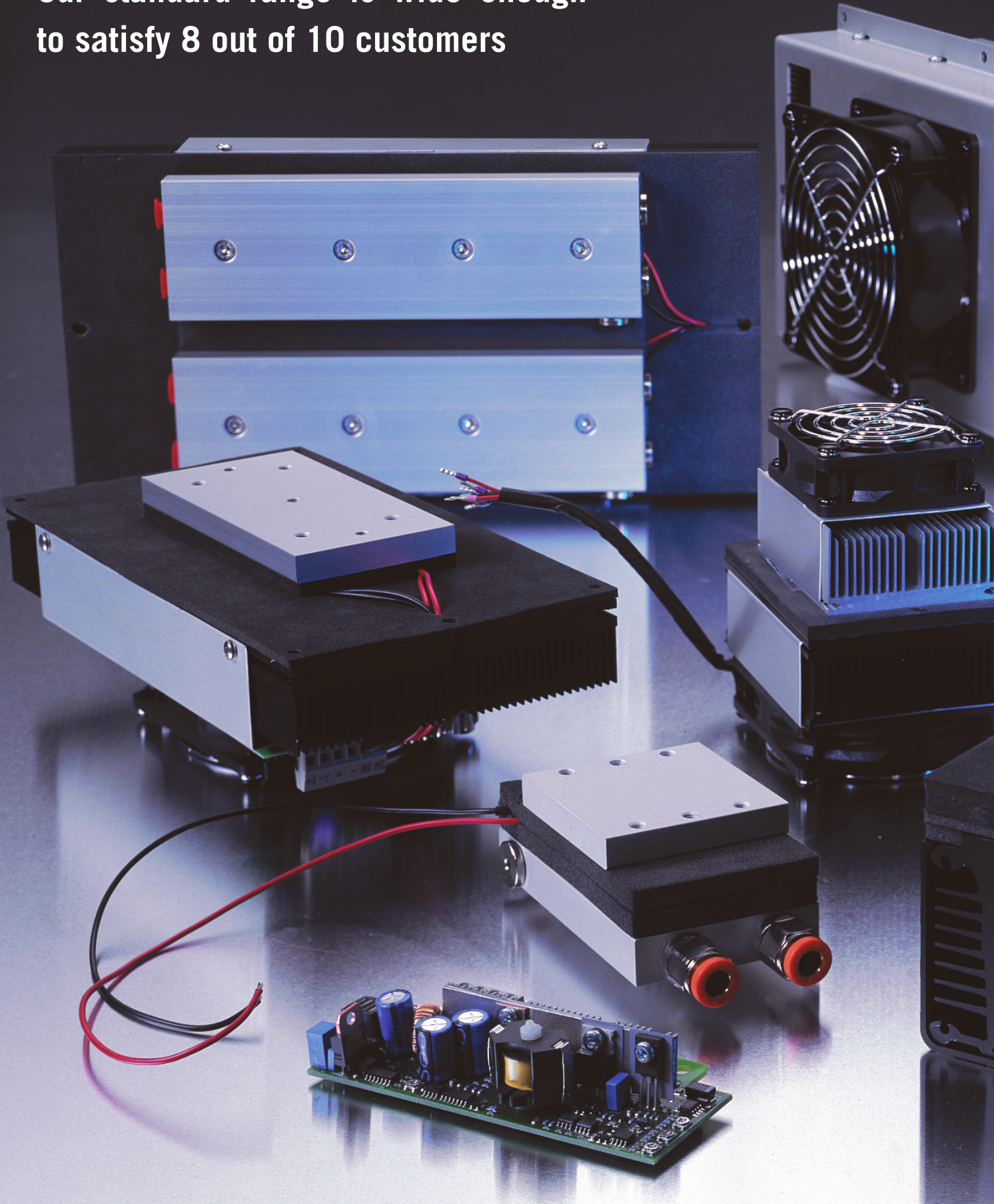


Thermoelectric solutions



**Our standard range is wide enough
to satisfy 8 out of 10 customers**



Custom design and engineering	4-5
Applications	6
Supercool worldwide	7

Thermoelectric Systems	
Air Cooling & Heating	8-9
Direct Cooling & Heating	10-11
Liquid Cooling & Heating	12-13

Temperature controllers	14-15
Accessories	
Power supplies	16
Insulation material	16

But what about the other two? We leave them in the capable hands of our design engineers (see overleaf).

Compact, efficient and reliable, our products have been put to the test in scores of applications – often under trying conditions.

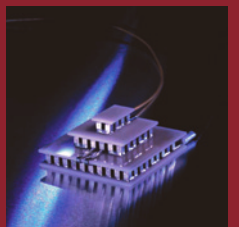
Our PowerCool range is ideal for OEM users. We provide everything you need to get your thermoelectric system up and running.

Welcome to Supercool.



Fans and accessories	17
Liquid quick connections	17
Technical information	18-19

For more information on the market's leading thermoelectric modules, order our TEM catalog.





Our assemblies have to operate just about everywhere

Today it's widely accepted that thermoelectrics enjoy virtually limitless potential. That's why our solutions have seen action all over the world. They take blistering heat and corrosive damp. They withstand shocks and vibrations. They manage thermal cycling and provide absolute accuracy. Yet they never lose their cool. Why? Partly because we employ solid-state technology. And partly because we know thermoelectrics.

Electronics and industrial

Whether you're cooling a single component or an entire cabinet, we're confident we have just the solution you're looking for. We provide robust units for outdoor applications and compact coolers for components.

Application examples:

- Laser/photonics
- Cabinet cooling (indoors and outdoors)
- Process fluid cooling.

Medical and laboratory

Our wide range of small and medium-size units handle most applications – from keeping samples cool to stabilizing temperatures in sensitive instruments. Our PID controllers help you maintain exactly the right temperature.

Application examples:

- Analytical instruments
- Medical lasers
- Laboratory equipment
- PCR-thermal cycling.

Food and beverage

Maintaining the right temperature is crucial when you handle food and beverages. We provide a comprehensive selection of assemblies to help keep your products fresh – all the way from producer to consumer.

Application examples:

- Point-of-sale vitrines
- Beverage coolers
- Small refrigerators
- Mobile food containers.

Otherwise we wouldn't have many customers

We have a lot of customers all over the world. Some, like Nortel, Roche and Volvo, for example, are among the world's largest corporations. We're pretty sure they would go elsewhere if our products couldn't deliver dependable performance.

But there's a lot more to our offer than just hardware and software.

Supercool in reality...

Though we have operations in Sweden and the United States, it's only through our international network of partners and representatives that we can offer you a global service. Their commitment to quality, service and integrity has established Supercool as a global supplier of thermoelectric solutions. You're never too far from Supercool – wherever you are.

...and in virtual reality

www.supercool.com is much more than simply a shop-window for us. This is where you go for the latest news as well as tips and advice on how to best manage your thermal challenges. As a customer, you'll have access to a variety of technical drawings, schematics and much more.

Cool by nature

Environmental legislation is getting ever tougher. But once you opt for thermoelectrics you need never worry that you've chosen a cooling system that has a negative impact on the environment. That's because electricity triggers the cooling process; there are no CFCs and no need for refills.

Custom design and engineering

Although we offer the widest range of standard thermoelectric cooling systems on the market, we realize that a standard solution will not always meet your needs. So, if your application requires special attention – and many do – you’ve come to the right place.

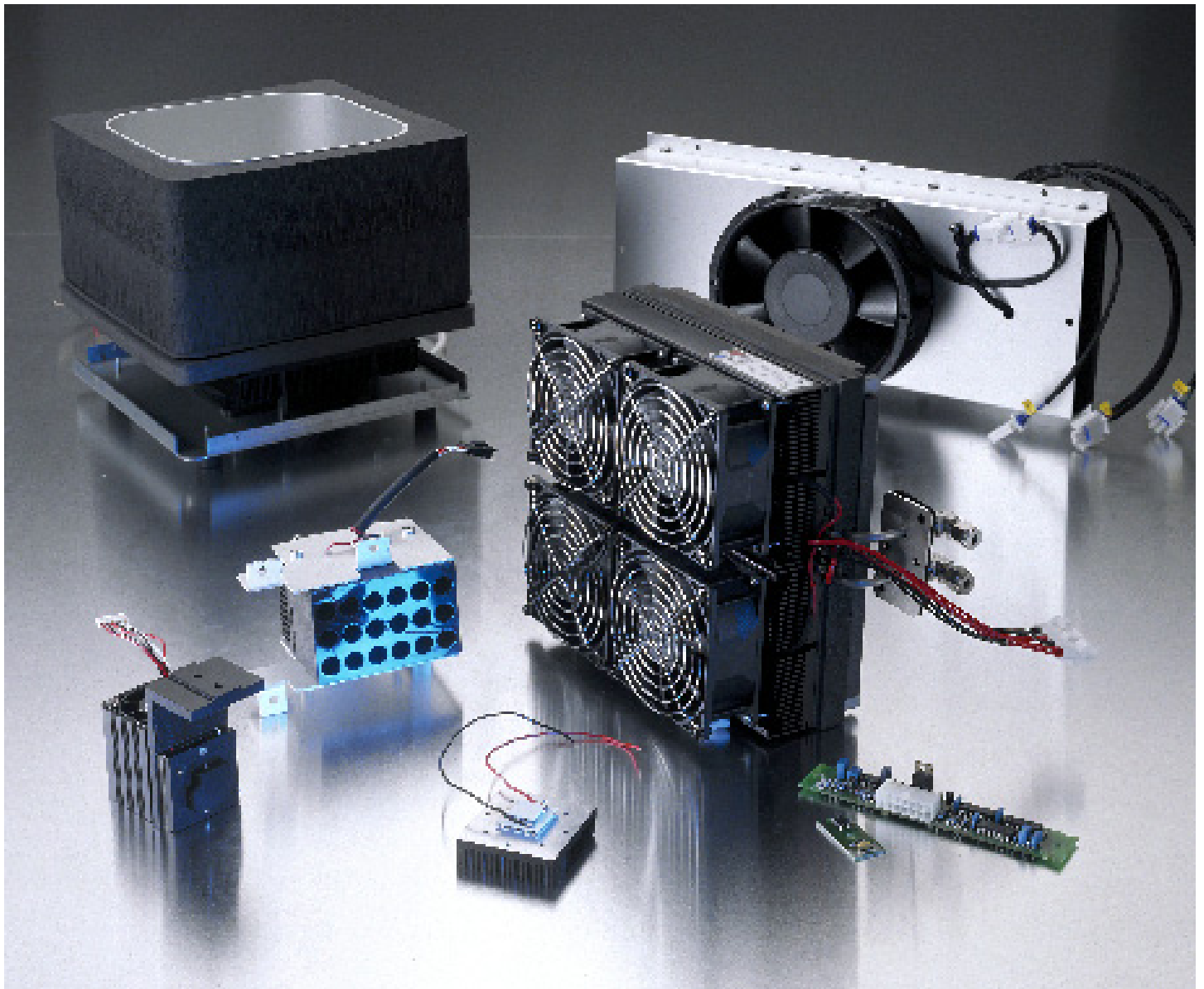
Finding a solution quickly

Our lengthy application experience allows us to find the optimal custom solution – with a minimum of time wasted. We’ll help you conduct thermal design studies to define your demands. Our engineers will then work closely with your personnel to implement the solution. This process is greatly speeded up by our access to a wide array of thermoelectric ‘building blocks.’

Why do it yourself?

Some companies decide to go it alone and design their own coolers. Perhaps you’re among them. Our advice can be summed up in one word. Don’t.

We have a much better idea. Why not let us bring together what we do best with what you do best? By combining our expertise in thermoelectrics with the knowledge you have of your business, you can optimize your thermal management. We carry out application studies to ensure you get the very best. And if your project calls for it, we will test-run solutions in our climatic chamber.

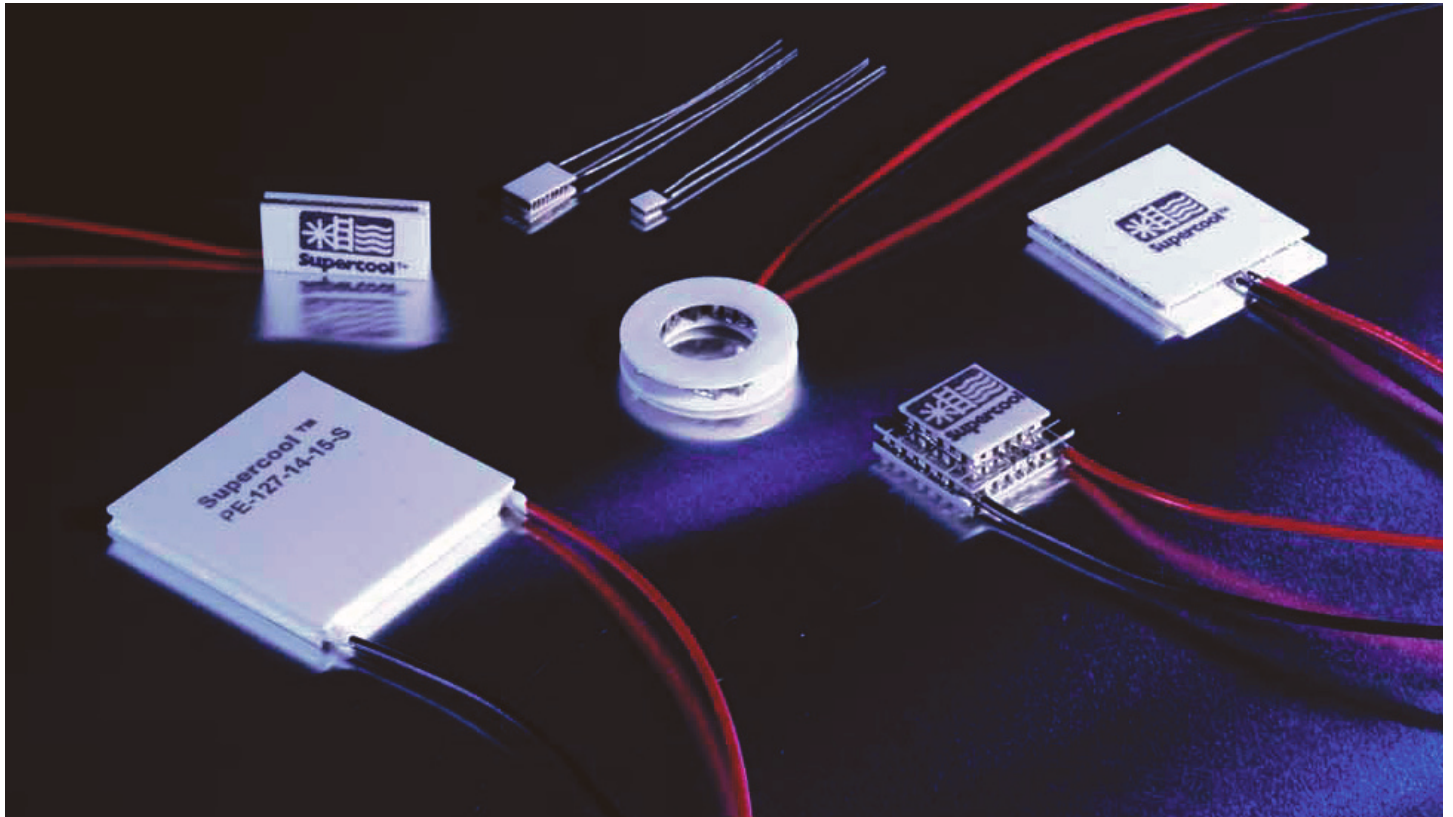


Above you'll find a selection of recent projects where customers really put our engineers to the test.

Supercool on the Internet

To find out more about Supercool, our products and solutions, visit us at www.supercool.com.

We've also posted a complete list of representatives on our website, including contact details.



The market's leading thermoelectric modules

Thanks to unrivaled material characteristics, our thermoelectric modules deliver truly outstanding performance (max ΔT up to 75°C). And with over 120 standard TEMs available off-the-shelf, we've covered just about every known application. Our range includes modules of every conceivable size

– from the tiniest miniature modules to high-power density TEMs delivering cooling power up to 340 W. For those of you with special demands, we'll customize a solution on request.

For more information, order our TEM catalog.



www.supercool.com

SUPERCOOL AB, Box 27, 401 20 Göteborg, Sweden, Tel. +46 31-42 05 30, Fax. +46 31-24 79 09 E-mail: info@supercool.se

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