

TURF, COMPOST & FLOWERS VACUUM COOLERS



**Cool tonnes of turf evenly
in just minutes.**

**Avoid up to 20% product
loss caused by sod heating
and spoilage.**

The Fastest, Most Uniform & Efficient Cooling Method

- ✓ **Increase Shelf-life:** Cool in minutes maintaining freshness for longer
- ✓ **Reduce Turf Wastage:** Avoid product loss from sod heating
- ✓ **Harvest During Daylight:** No need for night shifts, attract/retain better staff
- ✓ **Beat the Weather:** Harvest ahead of rain and store safely
- ✓ **Offer Next-Day Delivery:** Keep turf fresh and ready to go
- ✓ **Simplify Transport:** Lighter pallets, less cost, easier to handle



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to learn more



energy
efficient



maintenance
service



customer
support

www.heuch.com.au

Experience the fastest & most efficient pre-cooling method

Cool Smarter. Waste Less. Deliver More. Gain the Edge with Vacuum Cooling.

Vacuum cooling is a rapid pre-cooling technology that utilises reduced pressure to quickly cool turf, soil, compost and flowers. In the vacuum chamber, the low pressure forces approximately 2–3% of the moisture within the product to evaporate. The energy required for this evaporation is drawn from the product itself, resulting in a rapid drop in temperature. Because the vacuum is uniformly present throughout the chamber, cooling occurs consistently—even reaching the core of the product.

Vacuum cooling is highly effective for turf, flowers, compost and soil, enabling thorough cooling, down to 0 – 5°C within just 30 – 45 minutes.

For short storage periods and medium shipping distances, a cooling temperature of around 5°C or higher is often sufficient. However, for long-distance transportation and extended storage, maintaining temperatures close to or below 1°C is recommended to preserve optimal quality.

"With our 2 × 8 pallet cooler (each pallet 1.360 kg) we can cool down to 5°C in only 22 - 23 min. To reach 1°C we only need 30 - 35 min."

Marty, IndySod, USA



WHY USE VACUUM COOLING



Increase Shelf Life



Reduce Wastage

Increase Shelf-life: Cool turf from 30°C to 2°C in under 35 minutes, maintaining freshness for 48+ hours post-harvest.

Cut Turf Wastage: Avoid up to 20% product loss caused by sod heating and spoilage.



Attract & Retain Staff



Beat the Weather

Harvest During Daylight: Harvest at optimal daytime hours — no need for night shifts, helping retain and attract better staff.

Stay Ahead of the Weather: Harvest ahead of rain, cool immediately, and store safely to protect turf quality — even during unpredictable conditions.



Offer Next-Day Delivery



Move More, Spend Less

Stay One Step Ahead: Keep cooled turf in storage, ready to fulfil urgent orders at premium pricing within 24–48 hours.

Maximise & Save on Transport: Lighter, drier pallets mean you can transport more turf per load, cut freight costs, and streamline installation.

Hydronic Cooling: Faster Cooling, Lower Emissions, Greater Efficiency

Explore the world of Heuch, where advanced cooling technology meets industry expertise, setting new standards in turf, flowers, soil and compost preservation.



Up to 80% savings on cooling space & energy



Up to 90% savings on cooling time

Our Range

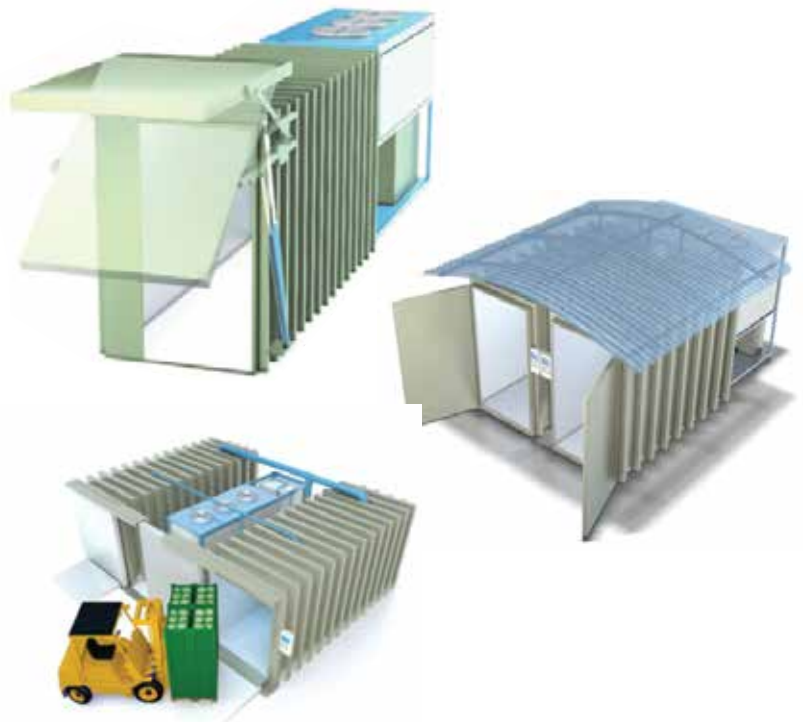
STANDARISED SOLUTIONS

Our standardised solutions can handle 4, 6 or 8 standard pallets or bins, with around 1.000 kg of turf/compost.

Our dual room systems are designed for 12 - 16 pallets, and our triple room configuration can handle up to 24 pallets per load.

TAILOR MADE SYSTEMS

We also offer Tailor Made Systems based on our standard range and Ultimate Solutions which are completely tailored to your specifications.



"By using Weber Cooling's vacuum technology, we save on shipping costs, and are much more flexible in our delivery, and can provide our customers with absolutely fresh turf! No other solution could have provided us with such effective cooling!"

Marty, IndySod, USA

FASTER COOLING, BETTER TURF

From freshly harvested turf to nutrient-rich mushroom compost, maintaining optimal quality starts with the right cooling solution. Vacuum cooling isn't just about lowering temperatures—it's about preserving freshness, enhancing durability, and ensuring peak performance for your business.

We go beyond just providing advanced cooling technology. Our solutions are designed for seamless integration into your operations, backed by expert support to keep your processes running efficiently.

With Heuch, you're not just investing in a cooling system; you're securing a reliable partnership that helps you optimise energy use, reduce waste, and maximise product longevity.

SEAMLESS IMPLEMENTATION & UNWAVERING SUPPORT

Heuch is dedicated to ensuring the flawless integration of our vacuum coolers into your setup. From the initial consultation to post-sales support, our team is here to assist, ensuring you get the most out of your investment.

HEUCH'S LEGACY IN THE COOLING INDUSTRY

Discover how Heuch is setting new benchmarks in the cooling industry, enhancing product quality, and offering solutions tailored to specific needs. Our commitment to innovation, affordability, and excellence makes Heuch the preferred choice for businesses across various sectors.

MAINTENANCE & SERVICING

RELIABLE EQUIPMENT IS CRUCIAL TO THE SUCCESSFUL OPERATION OF YOUR BUSINESS

Our highly skilled and experienced refrigeration service technicians are available 24 hours a day, 365 days a year and are fully supported by our in-house engineering team.

With technicians for industrial and commercial refrigeration services, air conditioning, solar energy, heating and cooling as well as breakdown services; you can be assured, whatever you need we have the right person for the job.

"We now cool 12 Tonnes of Turf at once from 22°C to under 3°C in just 20 minutes!"

Sempergreen, Netherlands

LEADING CUSTOMERS USING VACUUM COOLING



CONTACT US FOR MORE INFORMATION

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Every roll, blade, and patch of turf benefits from cutting-edge cooling technology and unmatched freshness retention.



"Your success is our success. We value long-term relationships with our clients, built on trust, excellence, and a shared vision of a world where sustainability and economic growth go hand in hand."

Heuch is a proud distributor of Weber Cooling Fresh in Australia.



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