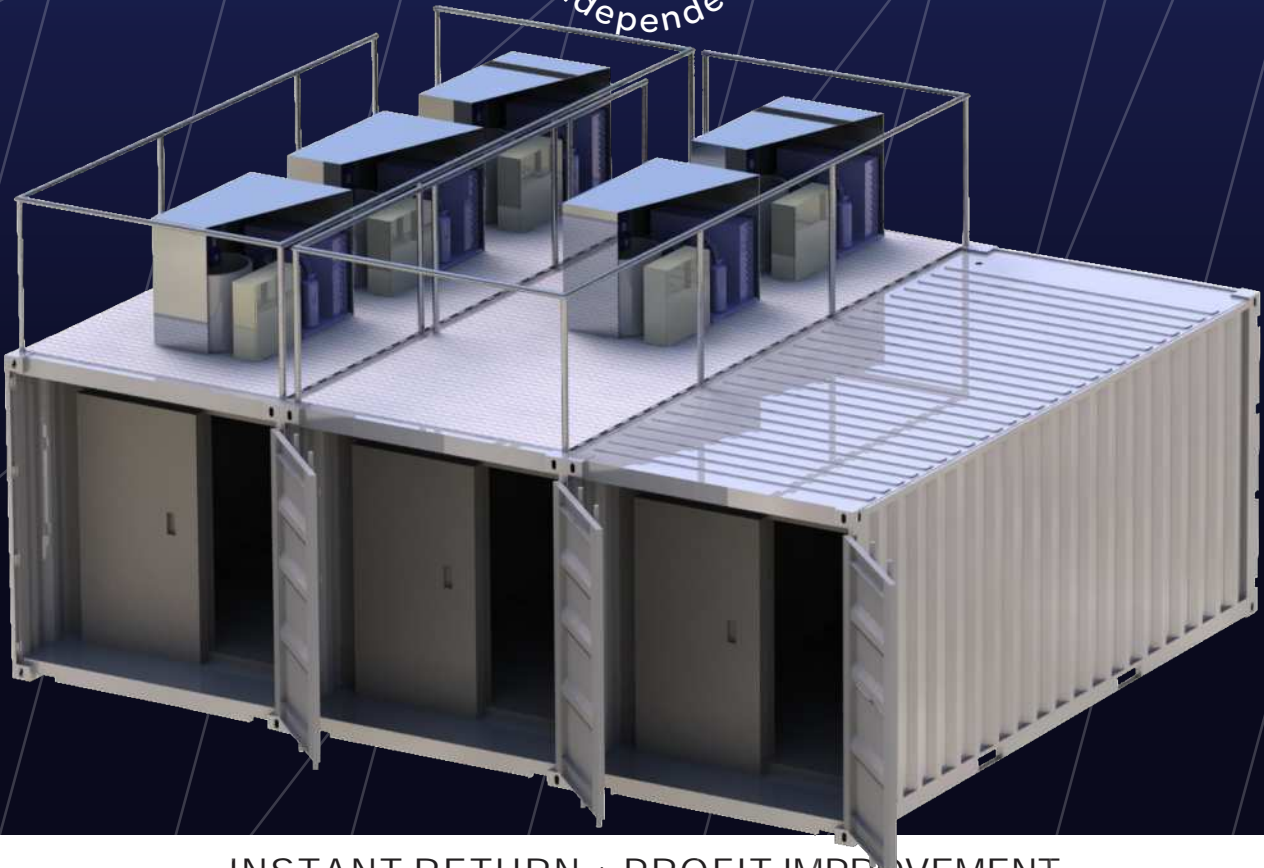


# HEUCH

## Solar Cold Chain Solutions Ice Makers



### INSTANT RETURN + PROFIT IMPROVEMENT

#### 100% ENERGY INDEPENDENT

- NO GENERATORS OR GRID CONNECTIONS
- NO FUEL COST, LOGISTIC OR QUALITY ISSUES
- ICE AVAILABLE 24 HOURS A DAY

#### QUIET, CLEAN + GREEN

- SUSTAINABLE POWER SOURCE
- OPERATE ANYWHERE
- NO NOISE OR EXHAUST POLLUTION

#### OPERATE ANYWHERE

- TRANSPORTABLE + SECURABLE
- SCALABLE ENERGY + ICE PRODUCTION
- REMOTE MONITORING AVAILIABLE

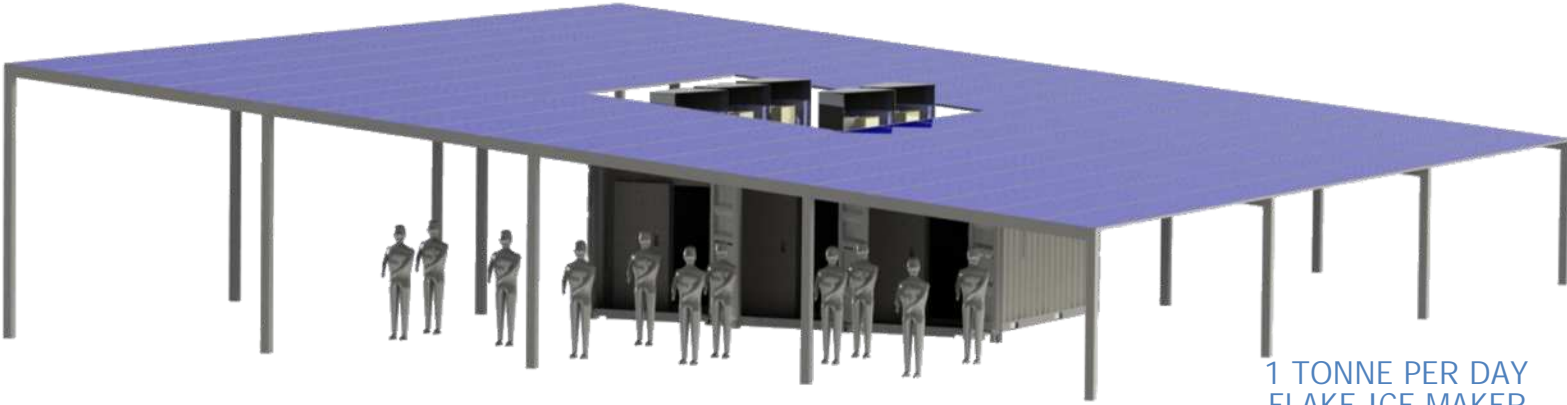
#### AUSTRALIAN DESIGNED + MADE

- HEAVY DUTY DESIGN
- QUALITY COMPONENTS
- WORLD WIDE SUPPORT+ MAINTENANCE

[napalima.com](http://napalima.com) | [heuch.com](http://heuch.com)



Tailored engineering of renewable energy solutions for remote cooling, drying + power production.



1 TONNE PER DAY FLAKE ICE MAKER

Delivered containerized or "flat packed" for site assembly, Heuch Solar Powered Ice Makers produce and store ice during daylight hours for use anytime.



MILK VAT CHILLER WITH ICE MAKER



REFRIGERATED ICE BANK

### Features

- No fuel, generator or grid connections required
- Zero operating costs
- Low maintenance
- Rugged and reliable design
- Operate anywhere
- Green, quiet + clean

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# HEUCH PTY LTD

A.B.N. 92 085 200 380

## Engineered Refrigeration and Process Cooling Equipment

35 NISSAN DRIVE, DANDENONG SOUTH, VICTORIA 3175

PHONE : 61-3-9793 6088 FAX : 61-3-9792 2660

EMAIL : [cool@heuch.com.au](mailto:cool@heuch.com.au) WEBSITE : [www.heuch.com.au](http://www.heuch.com.au)



Quality  
ISO 9001

SAI GLOBAL

Model	Ice Maker V3- General
Manufacturer	Napalima (Indonesia) Heuch (Australia)
Power	Solar only
Mains Power	Not Required
External Colour	White
Dimensions for Transport LxWxH (External)	6.1m x 2.44m x 2.9m
Dimensions for Deployment LxWxH (External)	252m <sup>2</sup>
Temperature Style	Single Zone
<b>Common Options:</b>	
Automatic Control	Yes
CSC Plating	Yes
Door Curtains	Yes
Aluminium or Stainless Steel Sheet Floor	Yes
<b>Zone 1: Entry Zone (Ante Room)</b>	
Ice Maker	Ice Maker
Operating times	24 hour
Duty Style	High/Medium/Low
Operational Description	Ice Maker
Operating times	24 Hours
Max Weight per day (kg. av)	400 to 700
No. Of Compartments	1
Dimensions for Produce Compartment LxWxH (Internal)	1.8 x 1.8 x 1.5
Daytime Pull down time (hrs)	N/A
Entering Temperature	N/A
No of Produce Entry Doors	2
<b>Solar Power System</b>	
Panel Type	Photo Voltaic
No Off	144
Voltage Control	Yes
Wiring System	Heuch
Electrical Wiring Standards	AUSNZ:3000
Over-Current Protection	Fuse
Disconnect Switch/Type	Per String/Manual
Mounting Structure	Anodised Aluminium

Australian Refrigeration Council Ltd National Refrigeration Authorisation Number AU05486

HEUCH AIR AND GAS DRIERS \* HEUCH INDUSTRIAL WATER CHILLER PACKAGES  
ENGINEERED COOLING SYSTEMS \* INDUSTRIAL REFRIGERATION \* HAZARDOUS AREA EQUIPMENT  
SPECIALISED AIR CONDITIONING \* ENVIRONMENTAL TEST CHAMBERS \* FREEZER ROOMS \* COOL ROOMS



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Quality  
ISO 9001



### Battery System

Battery Type	Industrial Quality AGM GELL CELL (VRLA)
Maintenance type	Maintenance Free
Design Life	15 Years
Cell type/No Off	Single / 12 @ 2V
Chassis	Heuch Type 1
Voltage Controller	MPPT
Transportable	Yes
Standard	IATA DGR Clause A67
Recyclable	Yes
Deep Discharge Protection	DIN 43 539 T5
Temperature Monitored	Yes
Electrical Wiring Standards	AUSNZ:3000
Over-Current Protection	Fuse
Disconnect Switch/Type	Per String/Manual

### Cooling System

Type	Refrigerated
No. of Cooling Zones	2
Environmental Style	Fully Sealed
Condenser	Air-Cooled
Condenser Fans	Variable Speed
Compressor	Hermetic
Compressor Motor	AC/DC
Cooler	Induced Draft Air
Cooler Fan	Variable Speed
Control System	Digital Display
Defrost/Type	Automatic/Off Cycle

### Building & Insulation

Construction Type	ISO Container
CSC Plating	Yes
Insulation/minimum Thickness	Yes/100mm
Floor type	Insulated with wearing surface
Doors/Type	Yes/Sliding
Door Curtains	Yes
Condensate Drain	External
LED internal Lighting	Yes
LED Entry Lighting	Yes

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