

HEUCH

Solar Cold Chain Solutions Mobile Chillers



INSTANT RETURN + PROFIT IMPROVEMENT

100% ENERGY INDEPENDENT

- NO GENERATORS OR GRID CONNECTIONS
- NO FUEL COST, LOGISTIC OR QUALITY ISSUES
- 24 HOUR OPERATION

QUIET, CLEAN + GREEN

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

OPERATE ANYWHERE

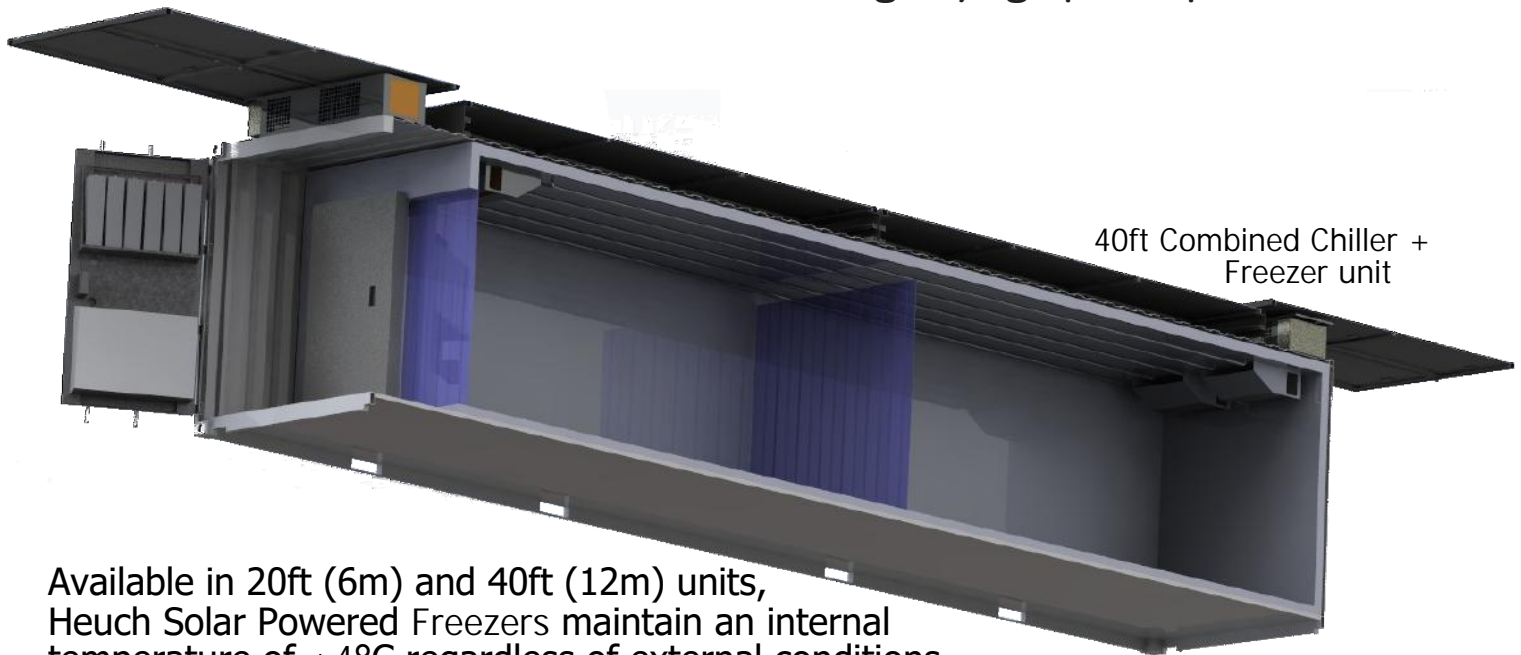
- TRANSPORTABLE + SECURABLE
- 15 MINUTES FROM UNLOADING TO OPERATION
- REMOTE MONITORING AVAILIABLE

AUSTRALIAN DESIGNED + MADE

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

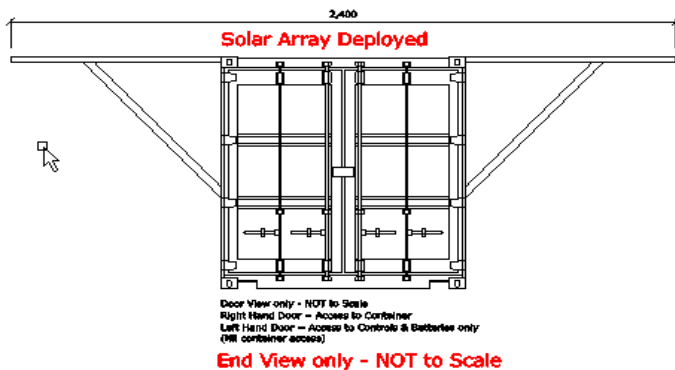
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Tailored engineering of renewable energy solutions for remote cooling, drying + power production.



40ft Combined Chiller + Freezer unit

Available in 20ft (6m) and 40ft (12m) units, Heuch Solar Powered Freezers maintain an internal temperature of +4°C regardless of external conditions, 24 hours a day.



Fully transportable world wide to facilitate easy and rapid transport to site. Once unloaded, solar array is deployed and unit running in under 15 minutes with no external support

Features

- No fuel, generator or grid connections required
- Zero operating costs
- Low maintenance
- Rugged and reliable design
- Quiet, clean and green
- Additional power can be harvested for other applications



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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 WEBSITE : www.heuch.com.au



Quality
ISO 9001

SAI GLOBAL

Model	Chiller 20 V3	Chiller 40 V3
Manufacturer	Napalima (Indonesia) Heuch (Australia)	Napalima (Indonesia) Heuch (Australia)
Power	Solar only	Solar only
Mains Power	Not Required	Not Required
External Colour	White	White
Dimensions for Transport LxWxH (External):	6.1m x 2.44m x 2.9m	12.2m x 2.44m x 2.9m
Dimensions for Deployment LxWxH (External):	8.2m x 7.2m x 2.9m	14.2m x 7.2m x 2.9m
Temperature Style	Single Zone	Single Zone
Common Options:		
Automatic Control	Yes	Yes
CSC Plating	Yes	Yes
Door Curtains	Yes	Yes
Stainless Steel Sheet Floor	Yes	Yes
Zone 1: Storing Zone		
	Refrigerator (+4°C)	Refrigerator (+4°C)
Operating times	24 hours	24 hours
Duty Style High/Medium/Low	Medium	Medium
Operational Description	Bulk Storage	Bulk Storage
Solar Power System		
Panel Type	Photo Voltaic	Photo Voltaic
No Off	22	40
Voltage Control	Yes	Yes
Wiring System	Heuch	Heuch
Electrical Wiring Standards	AUSNZ:3000	AUSNZ:3000
Over-Current Protection	Fuse	Fuse
Disconnect Switch/Type	Per String/Manual	Per String/Manual
Mounting Structure	Anodised Aluminium	Anodised Aluminium
Battery System		
Battery Type	Industrial Quality AGM GELL CELL (VRLA)	Industrial Quality AGM GELL CELL (VRLA)
Maintenance type	Maintenance Free	Maintenance Free
Design Life	15 Years	15 Years
Cell type/No Off	Single / 12 @ 2V	Single / 12 @ 2V
Chassis	Heuch Type 1	Heuch Type 2
Voltage Controller	MPPT	MPPT
Transportable	Yes	Yes
Standard	IATA DGR Clause A67	IATA DGR Clause A67
Recyclable	Yes	Yes
Deep Discharge Protection	DIN 43 539 T5	DIN 43 539 T5
Temperature Monitored	Yes	Yes

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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Cooling System			
Type	Refrigerated	Refrigerated	Refrigerated
No. of Cooling Zones	1	1	1
Environmental Style	Fully Sealed	Fully Sealed	Fully Sealed
Condenser	Air-Cooled	Air-Cooled	Air-Cooled
Condenser Fans	Variable Speed	Variable Speed	Variable Speed
Compressor	Hermetic	Hermetic	Hermetic
Compressor Motor	DC	DC	DC
Cooler	Induced Draft Air	Induced Draft Air	Induced Draft Air
Cooler Fan	Variable Speed	Variable Speed	Variable Speed
Control System	Digital Display	Digital Display	Digital Display
Defrost/Type	Automatic/Off Cycle	Automatic/Off Cycle	Automatic/Off Cycle
Building & Insulation			
Construction Type	ISO Container	ISO Container	ISO Container
CSC Plating	Yes	Yes	Yes
Insulation/minimum Thickness	Yes/100mm	Yes/100mm	Yes/100mm
Floor type	Insulated with wearing surface	Insulated with wearing surface	Insulated with wearing surface
Doors/Type	Yes/Sliding	Yes/Sliding	Yes/Sliding
Door Curtains	Yes	Yes	Yes
Condensate Drain	External	External	External
LED internal Lighting	Yes	Yes	Yes
LED Entry Lighting	Yes	Yes	Yes

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