

AIR SEA THERMAL CONTROL UNITS - OVERPACKS

PACKING DETAILS TECHNICAL SHEET

TEMPERATURE CONTROLLED PACKAGINGS
These **Thermal Control Units** are **OVERPACKS** & have a **POLYSTYRENE** internal liner with a **fibreboard** outer packaging.
They are delivered FULLY ASSEMBLED.

They may be used with **COOL PACK™ Thermal Control Sachets** or solid Carbon Dioxide (Dry Ice) for temperature control.

When Dry Ice is used, it *must* be packed under **ICAO/IATA Packaging Instruction 954** which requires:

Packaging must permit the release of carbon dioxide gas to prevent pressure build-up.

Ventilation safety procedures *must* be arranged between Shippers & Operators for **each** Dry Ice shipment

Markings: The overpack *must* be **CORRECTLY MARKED** on the outside giving the **Nett Weight of Dry Ice**.

Documentation: Details of Dry Ice *must* be recorded on the **Airway Bill**.

OR on the Shippers Declaration where used as a refrigerant for dangerous goods.

CAUTION: For the transport of dangerous goods **U.N. Certificated** packagings *must* be used **within** these thermal control overpacks.

Air Sea supplies a variety of U.N. Certificated packagings, (e.g. **BioPack-2™**) which can be used with these Thermal Control Overpacks for the temperature control of infectious substances and diagnostic specimens.

Further details on Request.



AIR SEA CONTAINERS LTD.

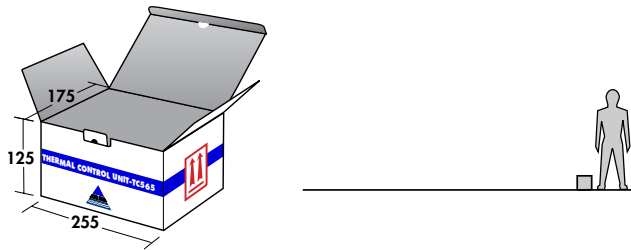
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Birkenhead, CH41 8FZ
Great Britain

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CODE 565

TC565

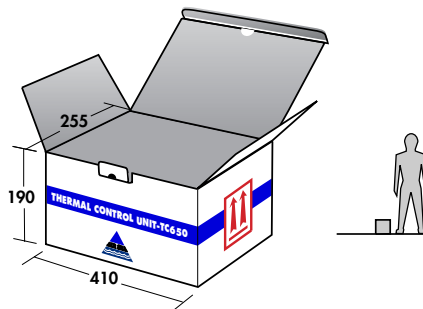
Internal Dimensions:

210 x 130 x 70 mm

External Dimensions:

255 x 175 x 125 mm

DRY ICE: UP TO 1.5 Kilos



CODE 650

TC650

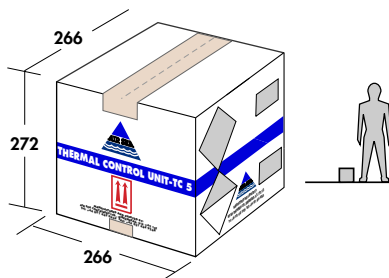
Internal Dimensions:

290 x 140 x 130 mm

External Dimensions:

410 x 255 x 190 mm

DRY ICE: UP TO 4 Kilos



CODE 800

TC5

Internal Dimensions:

170 x 170 x 170 mm

External Dimensions:

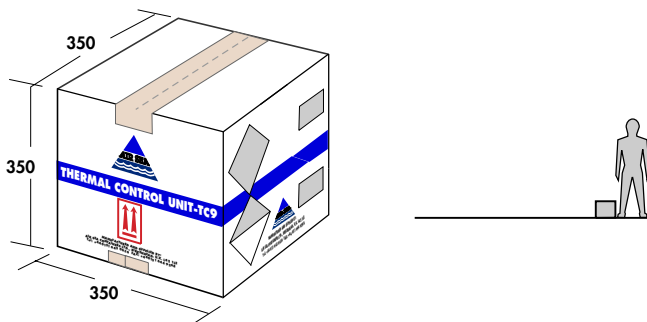
266 x 266 x 272 mm

Product Volume: 4.9L

Dry Ice: 4 Kg (Approx.)

Loss Rate: 45 grams per hour

Loss Rates were calculated with a constant external ambient of 30°C



CODE 801

TC9

Internal Dimensions:

210 x 210 x 210 mm

External Dimensions:

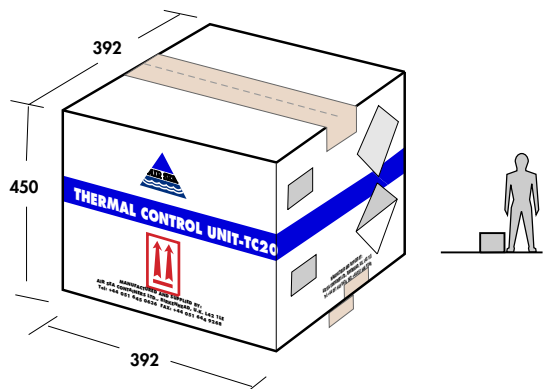
350 x 350 x 350 mm

Product Volume: 9.2L

Dry Ice: 7.5 Kg (Approx.)

Loss Rate: 59 grams per hour

Loss Rates were calculated with a constant external ambient of 30°C



CODE 802

TC20

Internal Dimensions:

255 x 255 x 305 mm

External Dimensions:

392 x 392 x 450 mm

Product Volume: 19.8L

Dry Ice: 13.4 Kg (Approx.)

Loss Rate: 89 grams per hour

Loss Rates were calculated with a constant external ambient of 30°C

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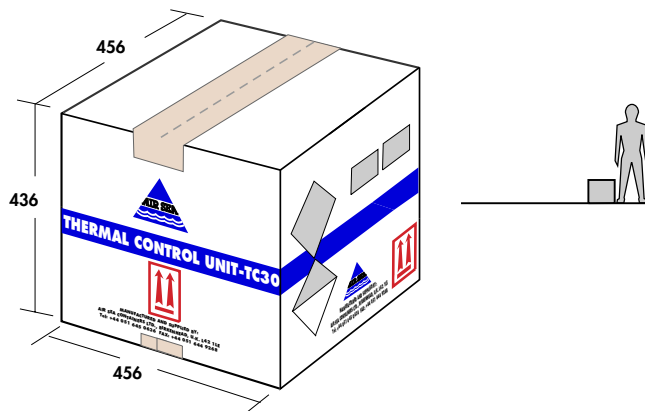
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AIR SEA THERMAL CONTROL UNITS - OVERPACKS



CODE 803

TC30

Internal Dimensions:

320 x 320 x 295 mm

External Dimensions:

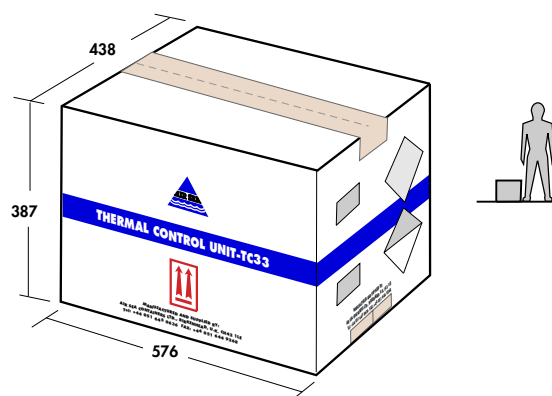
456 x 456 x 436 mm

Product Volume: 30L

Dry Ice: 21.1Kg (Approx.)

Loss Rate: 93 grams per hour

Loss Rates were calculated with a constant external ambient of 30°C



CODE 804

TC33

Internal Dimensions:

440 x 300 x 250 mm

External Dimensions:

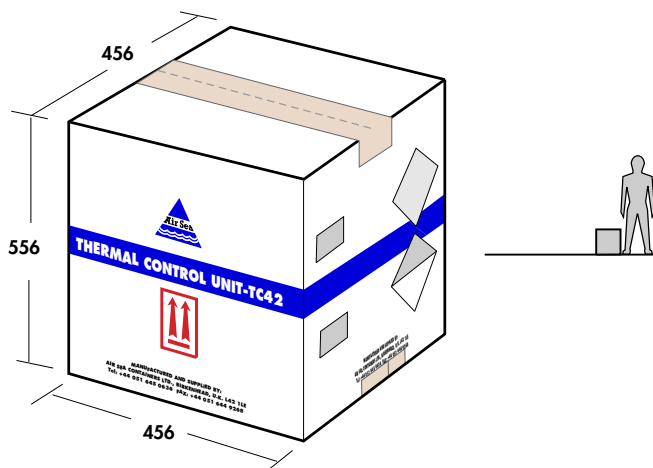
576 x 438 x 387 mm

Product Volume: 33L

Dry Ice: 27Kg (Approx.)

Loss Rate: 134 grams per hour

Loss Rates were calculated with a constant external ambient of 30°C



CODE 805

TC42

Internal Dimensions:

320 x 320 x 415 mm

External Dimensions:

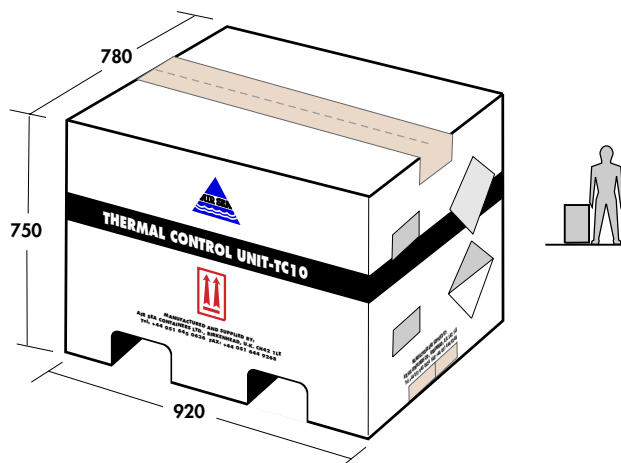
456 x 456 x 556 mm

Product Volume: 42.5L

Dry Ice: 31Kg (Approx.)

Loss Rate: 138 grams per hour

Loss Rates were calculated with a constant external ambient of 30°C



CODE 677

TC10

Internal Dimensions:

770 x 600 x 495 mm

External Dimensions:

920 x 780 x 750 mm

DRY ICE: UP TO 185 Kilos