

 **THERMO KING**

# ColdCube™ Pharma Containers

Reliable, portable cooling and heating for pharmaceutical transport



 **Ingersoll Rand®**

# ColdCube™ Pharma Containers

ColdCube™ Pharma Containers are customised to meet the stringent temperature control requirements for pharmaceutical transportation. The heating functionality allows for better control of set-point temperatures within the cargo space regardless of outside ambient conditions. The wider temperature range enables the customers more flexibility in their service offerings to end customers. This product range has been thermal mapped at different ambient and set-point temperatures ensuring that ColdCube™ Pharma can perform to high quality. Additionally, ColdCube™ Pharma is made out of materials safe for pharmaceutical transport with an optional telematics solution available for fleet management and traceability.

## Flexible Cooling & Heating

- Powerful cooling, freezing & heating functionality (30°C to -21°C)
- Automatic cooling/heating operation, with efficient internal ventilation
- Maintains consistent temperature with smooth air flow distribution evenly throughout the cargo (operates at +/- 2°C)
- Cycle-Sentry operation for easy operation
- Maintains consistent temperature with smooth air flow distribution
- Integrated battery disconnect to prevent dead battery

## Visible User Interface

- View current temperature and status without opening the container
- Digital readout for precise temperature set-point control
- Optional integrated telematics solutions for fleet management & traceability

## Constructed for Durability

- Made of tough molded polyethylene
- Rotationally-molded, single-piece construction for durability and light weight
- Components designed and tested for use in mobile applications
- Constructed of pharma-safe material for easy cleaning
- Convenient portability with integrated handles and transport accessory kits
- Lockable & door opening logged via telematics options

## Potential Applications

- Safe transport of biomedical products, like vaccines, blood bags and blood tubes, biological samples, in the most demanding environmental conditions
- Ideal for distribution hub centers to pharmacies/wholesalers direct to patients
- Rental & leasing options during peak distribution periods
- Smaller load refrigeration optimisation in vans with non-refrigerated products

## Specifications

- 12/24V DC or 110-240V AC\* (consumes 9–25 amps at 12V DC) with integrated AC to DC power rectifier
- Hermetic digital compressor
- Heavily insulated (up to 130 mm thick)
- Digital temperature control with readout
- R-134A refrigerant (610-230 uses R-404A)
- CE, TUV & optional PharmaSolutions Certification\*
- 2-year warranty
- Wide range of accessories available to cater for different applications



\*Available from Q1 2014

**CHOOSE FROM A RANGE OF HEATING UNITS IN A VARIETY OF SIZES**

PART NO.	STYLE	GROSS CAPACITY (L)	INSULATION K-FACTOR	MAX TEMP.	MINIMUM TEMP.	REFRIGERATION TYPE	WEIGHT (KG)
6100228	Heating	140L	0.349	30°C	-21°C	R-134a	42
6100229	Heating	330L	0.286	30°C	-21°C		92
6100230	Heating	915L	0.280	30°C	-21°C	R-404A	168

PART NO.	PEAK A COOLING	AVE AH COOLING	PEAK A HEATING	AVE AH HEATING	EXTERNAL DIMENSIONS (MM)	INTERNAL DIMENSIONS (MM)
6100228	18A	4A	12A	2,8Ah	1000x620x710	620x425x540
6100229	18A	5A	12A	3,5Ah	1020x1000x910	810x700x615
6100230	25A	9A	18A	5,5Ah	1510x1200x1180	1210x934x830

At ambient temperature of 30°C.

\*\*Rated at minimum temperature of unit. For reference purposes only, not to be used as a guaranteed performance value.

## Accessories

Wire Shelves/Racks



Transport Kits



In-Cab Display



Plastic Strip Curtains



Tie-Down Kit



Door Switch



TouchPrint



Tracking Light



Certification and qualification of ColdCube Pharma containers are offered by PharmaSolutions. The validation conducted by PharmaSolutions will help ensure compliance to Good Distribution Practice (GDP) guidelines and authenticate performance to manufacturer specifications. ColdCube along with select PharmaSolutions services can also be combined into a PharmaKare service contract customised to your transportation needs.



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For further information please contact:

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