

# Marine Products Catalog

**isotherm**  
**isotemp**



# Our extensive product range at a glance!



## CRUISE Marine Refrigerators

STANDARD					
	<b>CRUISE 36</b> ▶ Page 10	<b>CRUISE 42, 49</b> ▶ Page 10	<b>CRUISE 65, 85, 90, 100</b> ▶ Page 12 - 13	<b>CRUISE 130, 165</b> ▶ Page 14 - 15	<b>CRUISE 195, 200, 219, 271</b> ▶ Page 16 - 17
STAINLESS STEEL					
	<b>CRUISE 36</b> ▶ Page 10	<b>CRUISE 42, 49</b> ▶ Page 11	<b>CRUISE 65, 85</b> ▶ Page 12 - 13	<b>CRUISE 130 DRINK</b> ▶ Page 15	<b>CRUISE 195, 200</b> ▶ Page 16 - 17

## CRUISE Marine Freezers

STANDARD			
	<b>CRUISE 63 F</b> ▶ Page 20	<b>CRUISE 65 F</b> ▶ Page 20	<b>CRUISE 90 F</b> ▶ Page 21
STAINLESS STEEL			
	<b>CRUISE 63 F</b> ▶ Page 20	<b>CRUISE 65 F</b> ▶ Page 21	<b>CRUISE 90 F</b> ▶ Page 21

## DRAWER Marine Refrigerators & Freezers

STAINLESS STEEL						
	<b>DRAWER 49</b> ▶ Page 25	<b>DRAWER 55 F Frost-Free</b> ▶ Page 26	<b>DRAWER 65</b> ▶ Page 26	<b>DRAWER 65 Frost-Free</b> ▶ Page 27	<b>DRAWER 160 Frost-Free</b> ▶ Page 28	<b>DRAWER 190</b> ▶ Page 29
GLASS						
	<b>DRAWER 49 GLASS</b> ▶ Page 25	<b>DRAWER 55 F GLASS Frost-Free</b> ▶ Page 26	<b>DRAWER 65 GLASS</b> ▶ Page 27	<b>DRAWER 65 GLASS Frost-Free</b> ▶ Page 27		

# isotherm

## Travel Boxes

PORTABLE



**TB31A**

▶ Page 36



**TB41A**

▶ Page 36



**TB45A**

▶ Page 36



**TB50**

▶ Page 37



**TB51A**

▶ Page 37



**TB55A**

▶ Page 37

## Built-In Boxes

TOP LOADING



**BI29**

▶ Page 40



**BI40**

▶ Page 40



**BI41**

▶ Page 40



**BI53**

▶ Page 41



**BI55**

▶ Page 41



**BI75**

▶ Page 41



**BI92**

▶ Page 41

## Refrigeration Systems

COMPACT



**Air-cooled**

▶ Page 50 - 51



**Water-cooled SP**

▶ Page 52 - 53



**Water-cooled Magnum**

▶ Page 54 - 55



**Air-cooled**

▶ Page 56



**Water-cooled SP**

▶ Page 56



**Water-cooled Magnum**

▶ Page 56 - 57

## Ice Makers

ICE MAKERS



**Clear Ice Maker**

▶ Page 31



**White Ice Maker**

▶ Page 36

## Wine Cellars

WINE CELLARS



**Wine Cellar Divino 23**

▶ Page 32-33



**Wine Cellar Divino 35**

▶ Page 38

# isotemp

## Water Heaters

WATER HEATERS



**Basic**

▶ Page 64



**Slim**

▶ Page 64



**Square**

▶ Page 64

## Air Heat Exchangers

AIR HEATERS



**Air Heat Exchanger**

▶ Page 62

## On Board Safes

SAFES



**Safe 10**

▶ Page 61



**Safe 30**

▶ Page 61

# Indel Webasto Marine: A Passion for Innovation in Marine Refrigeration!

Indel Webasto Marine, based in St. Agata Feltria, Italy, is a successful joint venture between world-leading automotive supplier Webasto, based in Germany, and Italian refrigeration specialist, Indel B. These two companies joined forces to bring high quality, innovative solutions for marine applications.

The wide product range offered by Indel Webasto Marine consists of fridges and freezers, refrigeration systems, built-in boxes, travel boxes, wine cellars, water heaters, safes as well as customized solutions for more comfort on board. Indel Webasto Marine refrigeration and freezer solutions are acknowledged for their user-friendliness, stylish design, dependability, elegance and energy-saving engineering.

The brand names **Isotherm** and **Isotemp** are internationally known as the best in the marine industry. These products have a reputation on the market for quality and design excellence. Specifically designed for marine use, they are individually tailored to suit the conditions on board with rugged construction and a broad range of sizes and access methods like front opening and top loading units.

Indel Webasto Marine has a reputation for high quality products manufactured for the marine industry. A heritage of careful research and development builds the background for successful innovation. Many of these innovations became patents that are internationally protected. Our products are well-known for their outstanding design and functionality and are exclusively produced using high quality components. Indel Webasto Marine is proud of the fact that its continuous efforts to bring you new products have been recognized by winning the IBEX Innovation Award .
















## Indel Webasto Marine stands for:

- Quality components and products
- High performance
- Outstanding design
- Unique patents and technologies such as ASU and frost-free (more detailed information on page 48)
- Great usability
- Easy installation
- Huge product range and customization possibilities

# Indel Webasto Marine Products Catalog

## Table of Contents



<p>■ <b>CRUISE Refrigerators</b> Reliable technology with a heritage of practical marine design for over 40 years</p>	6	
<p>■ <b>CRUISE Freezers</b> Perfect complement to the CRUISE refrigerators with matching size and design</p>	18	
<p>■ <b>DRAWER Refrigerators and Freezers</b> Widest range of DRAWER fridges on the market</p>	22	
<p>■ <b>Ice Makers</b> High-performance, quality ice makers for both clear and white ice</p>	30	
<p>■ <b>Divino Wine Cellars</b> The pleasure to enjoy your fine wines at perfect temperatures on board</p>	32	
<p>■ <b>Travel Boxes</b> Plug-and-play, mobile refrigerator/freezers designed for marine conditions</p>	34	
<p>■ <b>Built-In Boxes</b> Top-loading fridge/freezers give options to add storage throughout the boat</p>	38	
<p>■ <b>Isotherm Exclusive Cooling Technology</b> Patented technology for the ultimate in energy saving refrigeration</p>	42	
<p>■ <b>Cooling Units</b> Efficient solutions for your custom-built boxes and ice box conversion</p>	44	
<p>■ <b>Special Design Refrigerators and Freezers</b> Design of specifically tailored cooling solutions for boat builders</p>	60	
<p>■ <b>On Board Safes</b> Provide security on board for documents, valuables and laptop computers</p>	61	
<p>■ <b>Air Heat Exchangers</b> Heater with radial fans and three power steps that works off engine heat</p>	62	
<p>■ <b>Water Heaters</b> High quality stainless steel water heaters built to last in marine environments</p>	64	



# CRUISE Marine Refrigerators

## Top 10 Reasons to Choose Isotherm!

**isotherm**



- 1 Dependable Danfoss Compressors come with a 5 year limited warranty
- 2 AC/DC Power works fully automatic with any power source in the world including 12 & 24 DC volts, 115 & 230 volts (both 50 & 60 Hz)
- 3 Elegant design with superior fit and finish comes with installation frame & extensive customization possible for door and frame design. Stainless steel doors are made of 316 grade brushed stainless steel for long life.
- 4 Freezer compartment with optional ASU power saving technology makes Isotherm the most energy-efficient refrigerators on the market
- 5 Interior light automatically comes on when door is opened
- 6 Positive latching systems keep doors closed in the roughest conditions includes magnetic door seals that protect against air leaks.
- 7 One-piece interior made of food-grade polished plastic that resists absorbing food odors and has rounded corners for easy cleaning
- 8 Hatches in interior shelves allow for upright storage of taller bottles
- 9 Adjustable door slides keep bottles upright with cradles on upper door shelf keeps jars from sliding and breaking.
- 10 Integrated door shelves are molded into door for superior strength

## Isotherm: A True Marine Refrigerator

Isotherm CRUISE Refrigerators are the outcome of careful research that combines **technological innovation** with sophisticated, yet **practical design**.

Marine refrigerators operate under tough conditions: they must withstand violent movements, operate noiselessly, be thoroughly reliable and perhaps, most important of all, consume an absolute **minimum of battery power**.

It is our mission to design and build **high-quality** and **energy-efficient** marine refrigeration systems exclusively for sailing yachts and motor cruisers.

### Some configuration options:

- Door panels on Standard refrigerators allow for custom door panel installation according to the customer needs
- Different frame styles include flush mount frames for elegant installations flush with cabinetry and proud mount frames for depth saving in tight installations
- Complete stainless steel design (door, handle, and flange) includes 316 grade brushed stainless steel doors that will keep their good looks for the life of the refrigerator
- Different cooling systems: air cooled as standard, water-cooled with the self-pumping thru-hull fitting (patented) and water-cooled through a sea water pump.
- Universal AC/DC power works with common power supplies used world-wide - also available as DC only
- ASU system (patented): option for reduced power consumption



Stainless Steel



Standard (Black)



White Panel



Gray Panel



All White Door with SS Flange



Teak Panel



Mahogany Panel



Cherry Panel

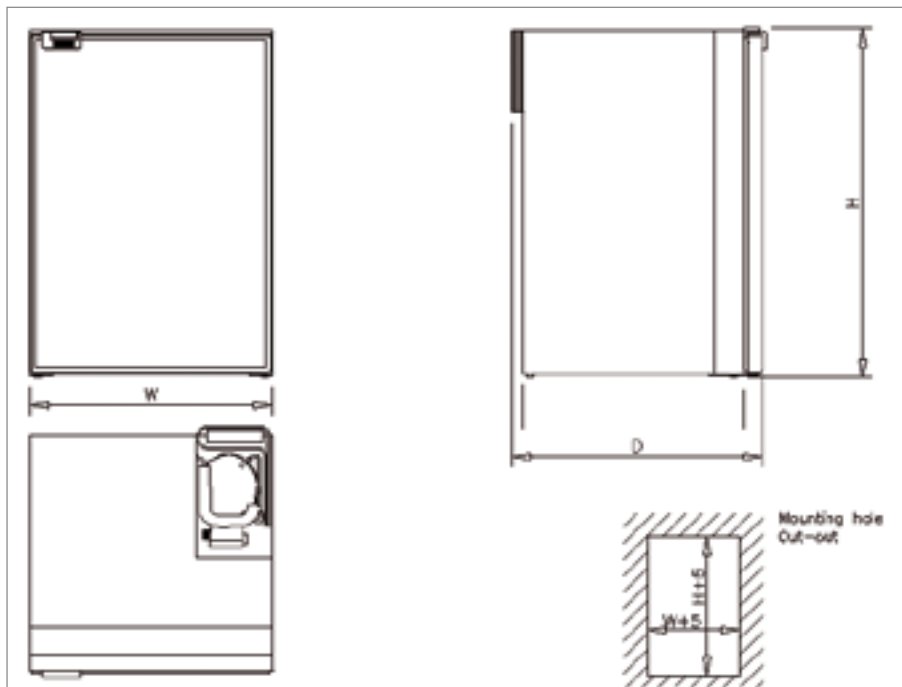


# CRUISE

## Marine Refrigerators

### Standard Features on Cruise Line Include:

- Fan-cooled 12/24V Danfoss compressors are backed by Isotherm with a 5-year limited warranty.
- Custom door panels can be added to complement any interior. Classic models come standard with black door, handle and flange. Optional panels include mahogany, teak, cherry and gloss white.
- Door styles available with UV coated white door, panel and handle with stainless steel flange on the CR42, CR49 and CR65 are more durable for installations exposed to sun and salt air.
- Freezer compartment with door (except on CR130 Drink)
- One piece inner lining of food-grade, high density plastic with rounded corners for easy cleaning
- Constructed of corrosion-resistant materials
- Interior light (not on CR36, CR42, CR100)
- Innovative Isotherm door handles keeps doors securely closed - even in the roughest conditions
- Magnetic rubber seals keep moisture out and door firmly closed
- No exposed hinges that can cut or tear clothing
- Right hand or left hand hinge should be specified with your order\*



**Dimensional drawings** are available online for easy installation planning. Visit [www.indelwebastomarineusa.com](http://www.indelwebastomarineusa.com) and navigate to the individual product page for downloadable drawings with dimensions in inches and fractions.

\* Due to the door latch position on some CRUISE Stainless Steel INOX line models like the CR90 Freezer, CR130 Drink, CR130, and CR195, right or left swing (hinge on right or left) must be stated when ordering.





## Product Overview: Isotherm CRUISE Marine Refrigerators

Model	Volume Cu. Ft R/F	Cut Out Dimensions H x W x D inches	Available with ASU	Weight Pounds	Amps Power Consumption* max / hourly	Danfoss Compressor Type	Freezer volume in Cubic Feet (temperature)
CR 36	1.3	10 x 17.4 x 26.5 (20.3)**		35	2.5 / 0.6	BD35F	no freezer
CR 36 Stainless Steel	1.3	10 x 17.9 x 28.2 (21.7)**		40	2.5 / 0.6	BD35F	no freezer
CR 42	1.5	20.8 x 15 x 18.8 (12.5)** <sup>1</sup>		35	2.5 / 0.6	BD35F	no freezer
CR 42 Stainless Steel	1.5	20.8 x 15.75 x 20.3 (14.1) <sup>1</sup>		44	2.5 / 0.6	BD35F	no freezer
CR 49	1.7	20.8 x 15 x 18.5	Yes	35	2.5 / 0.6	BD35F	0.1 (21°F)
CR 49 Stainless Steel	1.7	20.8 x 15.7 x 20.3	Yes	44	2.5 / 0.6	BD35F	0.1 (21°F)
CR 65	2.3	20.8 x 17.7 x 19.7	Yes	40	2.5 / 0.7	BD35F	0.1 (21°F)
CR 65 Stainless Steel	2.3	20.8 x 18.5 x 21.3	Yes	49	2.5 / 0.7	BD35F	0.1 (21°F)
CR 85	3.0	24.6 x 18.7 x 20.3	Yes	44	3.5 / 0.8	BD35F	0.3 (21°F)
CR 85 Stainless Steel	3.0	24.6 x 19.5 x 21.7	Yes	53	3.5 / 0.8	BD35F	0.3 (21°F)
CR 90	2.5/0.7	33.5 x 18.7 x 16.8		64	5 / 1.1	BD35F	0.7 (0°F)
CR 100	3.5	29.3 x 19.1 x 17.9	Yes	46	5 / 1.1	BD35F	0.2 (21°F)
CR 130	4.6	29.3 x 21.4 x 21.4	Yes	51	5 / 1.2	BD35F	0.3 (21°F)
CR 130 Stainless Steel	4.6	29.3 x 21.4 x 21.4*	Yes	60	5 / 1.2	BD35F	0.3 (21°F)
CR 130 DRINK	4.6	29.3 x 21.4 x 21.4		51	5 / 1.4	BD35F	no freezer
CR 130 D SS	4.6	29.3 x 21.4 x 21.4		60	5 / 1.4	BD35F	no freezer
CR 165	4.4/1.4	48 x 19.7 x 20.3		86	6 / 2.2	BD50F	1.4 (0°F)
CR 195	4.6/2.3	52.9 x 21.4 x 22.5		93	5/1.2 ea***	2 x BD35F	2.3 (0°F)
CR 195 Stainless Steel	4.6/2.3	52.9 x 21.4 x 22.5		98	5/1.2 ea***	2 x BD35F	2.3 (0°F)
CR 200	5.3/1.8	34.7 x 28.9 x 24.3		79	2.3 / 6	BD50F	1.8 (0°F)
CR 200 Stainless Steel	5.3/1.8	34.7 x 28.9 x 24.3		84	2.3 / 6	BD50F	1.8 (0°F)
CR 219	6.3/1.5	56.3 x 21.7 x 20.3		71	6 / 2.5	BD50F	1.8 (0°F)
CR 271	7.7/1.9	65.4 x 21.7 x 20.3		112	6 / 2.5	BD50F	1.9 (0°F)

\* Power consumption figures for comparison purposes are listed as the amps consumed when running / average hourly consumption on 12 volt system with 42°F in the refrigeration space, ambient air temperature 72° F. Power consumption will be reduced by approximately 30% for ASU models over non-ASU models on average.

\*\* Remote mount compressor can be relocated and reduces the depth approximately 6.2 inches when compressor is removed.

\*\*\* Cruise 195 has two compressors - fridge and freezer separate with separate thermostat controls

Specification changes may be made without prior notice.



# CRUISE Marine Refrigerators

## 36, 42, 49



### CRUISE 36 STANDARD

The CR 36 is a built-in drawer fridge with unique design. Due to its compact dimensions, the CR 36 can be installed where no other fridge might fit. The compressor can be mounted up to 3 feet away. It comes with a white or black door with matching mounting frame as standard. (Depth is reduced by 6.2 inches when compressor is remotely mounted)

	<b>Isotherm CRUISE 36</b>	
	Type	CR 36
	Volume	1.3 Cu. Ft



### CRUISE 36 STAINLESS STEEL

The CR 36 INOX is the stainless steel design version of the CR 36. Flush mount door and flange have a very elegant nautical look. The compressor can be mounted up to 3 feet away. (Depth is reduced by 6.2 inches when compressor is remotely mounted)

	<b>Isotherm CRUISE 36 INOX</b>	
	Type	CR 36 INOX
	Volume	1.3 Cu. Ft



### CRUISE 42

The CR 42 is one of the most popular sized refrigerators installed on boats. The compressor unit on the back can easily be removed and mounted in any vertical position up to 4.9 feet away. Standard (Classic) models have replaceable panels for customizing (Depth is reduced by 6.2 inches when compressor is remotely mounted)

	<b>Isotherm CRUISE 42</b>	
	Type	CR 42
	Volume	1.5 Cu. Ft



## CRUISE 42 STAINLESS STEEL

The CR 42 Stainless Steel is the stainless steel design version of the CR 42 with a flush mount door. The Stainless Steel version also has the capability for the compressor unit to be removed from the back and mounted in any vertical position up to 5 feet away. (Depth is reduced by 6.3 inches when compressor is remotely mounted)

	<b>Isotherm CRUISE 42 INOX</b>	
	Type	CR 42 INOX
	Volume	1.5 Cu. Ft



## CRUISE 49

The CR49 provides the same cut-out opening as the CR42 but is equipped with a built-in compressor giving larger inside storage space for food supplies and beverages. The CR49 is equipped with installation frame and interior light. Available with ASU.

	<b>Isotherm CRUISE 49</b>	
	Type	CR 49
	Volume	1.7 Cu. Ft



## CRUISE 49 STAINLESS STEEL

The CR 49 INOX is the stainless steel design version of the CR 49. The Stainless Steel version comes equipped with stainless steel flange and positive latching stainless steel handle. Doors are 316 grade brushed stainless steel for long life and good looks. The Cruise 49 is also available as a drawer model (see page 25)

	<b>Isotherm CRUISE 49 INOX</b>	
	Type	CR 49 INOX
	Volume	1.7 Cu. Ft



# CRUISE Marine Refrigerators 65, 85, 90, 100



## CRUISE 65

The CR65 features a separate freezer compartment and a built-in compressor. The CR65 has moulded cradles on the door and adjustable holders to keep jars and bottles upright and secure. It comes equipped with installation frame and interior light as standard. Available with ASU.

	<b>Isotherm CRUISE 65</b>	
	Type	CR 65
	Volume	2.3 Cu. Ft



## CRUISE 65 STAINLES STEEL

The CR 65 Stainless Steel (also referred to as INOX) features stainless steel door, handle and flange as well as interior accents like freezer door and shelf retainers which make this an elegant small refrigerator. The Cruise 65 is equipped with installation frame and interior light standard. Available with ASU. The Cruise 65 is also available as a drawer model (see page 26)

	<b>Isotherm CRUISE 65 Stainless Steel</b>	
	Type	CR 65 Stainless Steel
	Volume	2.3 Cu. Ft



## CRUISE 85

The spacious CR 85 comes with a freezer compartment, two adjustable shelves and a corner mounted compressor. The CR 85 is equipped with interior light as standard. Installation frames are available as an option. The Cruise 85 matches up with the Cruise 63 Freezer for a perfect companion installation. Available with ASU.

	<b>Isotherm CRUISE 85</b>	
	Type	CR 85
	Volume	3,0 Cu. Ft



## CRUISE 85 STAINLESS STEEL

The CR 85 Stainless Steel is the stainless steel design version of the CR85 and has a freezer compartment, two adjustable shelves and a corner-mounted compressor. Interior light included standard. Installation frames optional. The CR85 matches up the Cruise 63 Freezer for a perfect side-by-side installation for mid-sized boats. Available with ASU.

	<b>Isotherm CRUISE 85 INOX</b>	
	Type	CR 85 INOX
	Volume	3.0 Cu. Ft



## CRUISE BIG 90

The CRUISE 90 is a new two door fridge-freezer solution that gives the boater a separate, small freezer on top and refrigerator on the bottom. The refrigerator has a volume of 2.5 cubic feet and the freezer is larger for a fridge of this class with a volume of 0.7 cu. ft. The refrigerator is equipped with inner light and room for tall bottles on the shelves and interior.

	<b>Isotherm CRUISE BIG 90</b>	
	Type	CR BIG 90
	Volume	3.2 Cu. Ft



## CRUISE 100

The CR 100 differentiates itself with air ducts and fan ventilated compressor which permit air circulation even in tight installations. Additional mounting frames are available as an option. Available with ASU.

	<b>Isotherm CRUISE 100</b>	
	Type	CR 100
	Volume	3.5 Cu. Ft



# CRUISE Marine Refrigerators 130, 165



## CRUISE 130

The CR 130 is a traditional fridge with a freezer compartment, three shelves, a vegetable bin and a door divided into three sections. It is equipped with inner light and a fan-cooled compressor as standard. The CR130 is the perfect under-the-counter fridge with large capacity and comes with a black flush mount flange. Available with ASU.

	<b>Isotherm CRUISE 130</b>	
	Type	CR 130
	Volume	4.6 Cu. Ft



## CRUISE 130 STAINLESS STEEL

The CR 130 INOX is the stainless steel design version of the CR 130 providing a freezer compartment, three shelves, a vegetable bin and a door divided into three sections. The Stainless Steel version has stainless steel interior accents on the freezer door and shelves and comes with a flush mount stainless steel flange. Very elegant! Available with ASU.

	<b>Isotherm CRUISE 130 INOX</b>	
	Type	CR 130 INOX
	Volume	4.6 Cu. Ft



## CRUISE 130 DRINK

The CR 130 D is a special version of the CR 130 providing the customer with an extra space for drinks instead of the freezer compartment. Bottle racks (as shown on the picture) are optional. The CR130 DRINK has an innovative built-in condensation system that makes it virtually frost-free by pulling air across the evaporator and draining condensation out of the fridge into an evaporation tray on the back of the fridge.

	<b>Isotherm CRUISE 130 DRINK</b>	
	Type	CR 130 D
	Volume	4.6 Cu. Ft



## CRUISE 130 DRINK STAINLESS STEEL

The CR 130 D INOX is the stainless steel design version of the CR 130 D providing the customer with an extra space for drinks instead of the freezer compartment. It is equipped with inner light and a fan-cooled compressor as standard. The CR130 Drink pairs up with the Cruise 90 Freezer for the perfect combination of large fridge and freezer that can be installed under the counter or stacked. See photo below for example.

	<b>Isotherm CRUISE 130 DRINK INOX</b>	
	Type	CR 130 INOX
	Volume	4.6 Cu. Ft



## CRUISE 165 WHITE LINE

The CR165 is a new two door fridge/freezer from Isotherm. The refrigerator provides a volume of 4.4 cu. ft / freezer 1.4 cu. ft. The refrigerator is equipped with inner light, three shelves and a vegetable bin at the bottom. This new offering from Isotherm fits the needs of boaters with limited space for a tall fridge/freezer and features an all-white exterior without a flange..

	<b>Isotherm CRUISE 165</b>	
	Type	CR 165
	Volume	4.4 + 1.4 Cu. Ft

Cruise 130 Fridge and Cruise 90 Freezer installed side-by-side.



Cruise 130 Standard with custom wood panel matching interior.



# CRUISE Marine Refrigerators

## 190, 195, 200, 219, 271



### CRUISE 195

The CR 195 is a unique two door fridge-freezer solution with the refrigerator on top and freezer on the bottom. Fridge on top gives boaters ergonomic access to refrigerated supplies without having to bend over. The CR195 is equipped with two fan-cooled compressors, separate thermostats for the fridge and freezer sections, a flush mounting frame, inner light and a vegetable bin. .

	<b>Isotherm CRUISE 195</b>	
	Type	CR 195
	Volume	4.6 + 2.3 Cu. Ft



### CRUISE 195 STAINLESS STEEL

The CR 195 Stainless Steel is a two door fridge-freezer solution combining a 4.6 cu. ft. refrigerator on top and a 2.3 cu. ft freezer on the bottom. This stainless steel combo has an upscale elegance that adds value to every installation. With two compressors, this unit has the horsepower to keep boaters happy with proper temperatures in the fridge and 0° F temperatures in the deep freezer.

	<b>Isotherm CRUISE 195 INOX</b>	
	Type	CR 195 INOX
	Volume	4.6 + 2.3 Cu. Ft







## CRUISE 200 STAINLESS STEEL

The CR 200 Stainless Steel is a stylish fridge-freezer in stainless steel design that offers spacious on board storage for fresh and frozen foods. Fitting neatly under the counter, the CR 200 has a large a 5.3 cu. ft fridge with three shelves on the door, cold-cuts tray, 3 bottle wine caddy, and vegetable crispers as well as a 1.8 cu. ft freezer section with wire shelves and a storage bin. Also available in Classic Black with replaceable panels.

	<b>Isotherm CRUISE 200 INOX*</b>	
	Type	CR 200 INOX
	Volume	5.3 + 1.8 cu. ft.



## CRUISE 219 WHITE LINE

The CR 219 is an all-white two door fridge-freezer solution. The refrigerator has a volume of 6.3 cu. ft with a 1.7 cu. ft freezer. Comes equipped with inner light, five shelves and a vegetable bin at the bottom. Because of its AC/DC power, this is a perfect "Solar Fridge" for a home or cabin that is off the electrical grid.

	<b>Isotherm CRUISE 219</b>	
	Type	CR 219
	Volume	6.3 + 1.5 Cu. Ft



## CRUISE 271 WHITE LINE

One of the largest AC/DC refrigerator/freezers on the market, the all-white CR 271 has a volume of 7.7 cu. ft. in the refrigerator and 1.9 cu. ft. in the freezer. The refrigerator is equipped with inner light, five shelves and a vegetable bin at the bottom. Because of its AC/DC power, this is a perfect "Solar Fridge" for a home or cabin that is off the electrical grid.

	<b>Isotherm CRUISE 271</b>	
	Type	CR 271
	Volume	7.7 + 1.9 Cu. Ft



# CRUISE Marine Freezers

**isotherm**



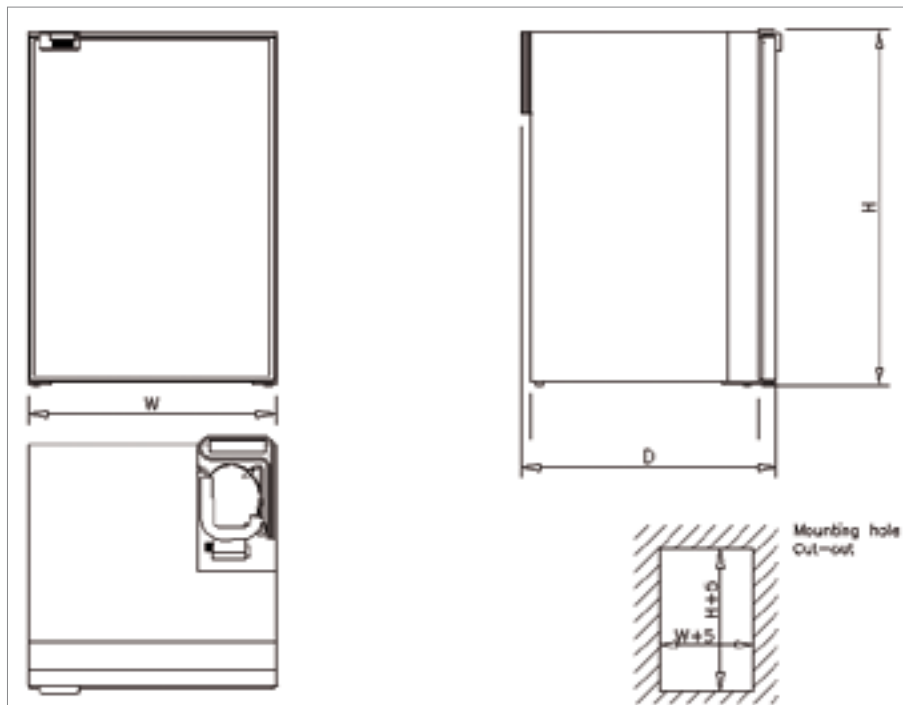
- 1 Deep Freezers keep food fresh for up to 12 months
- 2 Danfoss compressors available in DC only and AC/DC
- 3 Extra thick insulation for high efficiency
- 4 Door with safety lock and magnetic rubber seal
- 5 Hatches on CR90 Freezer keep cold in when accessing supplies
- 6 The CR90 freezer matches up with the Cruise 130 Drink and the CR63 freezer matches up with the Cruise 85 refrigerator to make excellent side-by-side installations.

## Product Overview: Isotherm CRUISE Marine Freezers

Type	Volume Cu. Ft	Cut Out Dimensions H x W x D inches	Weight Pounds	Amps Power Consumption* max / hourly	Danfoss Compressor Type	Freezer Compartment Temperatures
CR 63 F**	2.2	24.6 x 18.7 x 20.3	44	5 / 1.5	BD35F	0°F
CR 63 F Stainless Steel	2.2	24.6 x 19.5 x 21.7	53	5 / 1.5	BD35F	0°F
CR 65 F	2.3	24.4 x 21.4 x 20.1	44	5 / 1.5	BD35F	0°F
CR 65 F Stainless Steel	2.3	24.4 x 21.4 x 21.7	53	5 / 1.5	BD35F	0°F
CR 90 F	3.2	29.3 x 21.4 x 21.4	55	5 / 1.9	BD35F	0°F
CR 90 F Stainless Steel	3.2	29.3 x 21.4 x 21.4	64	5 / 1.9	BD35F	0°F

\* Power consumption figures for comparison purposes are listed as the amps consumed when running / average hourly consumption on a 12 volt system with 10°F in the freezer space with ambient air temperature of 72° F.

\*\* Door not included in cut-out dimensions for proud mount doors (Door depth = 1.6 inches)



- Extra thick insulation, for excellent cooling performance and low power consumption
- 12/24 V Danfoss compressor (DC Only or AC/DC power)
- Door with positive latching handle and magnetic rubber seal keeps door closed in rough conditions and seals out air.
- Excellent solutions for side by side fridge-freezer applications: The Cruise 90 Freezer has the same outside dimensions as the Cruise 130 Drink Refrigerator. The Cruise 63 Freezer has the same outside dimensions as the Cruise 85 Refrigerator.



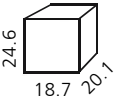
# CRUISE Marine Freezers

## 63, 65, 90



### CRUISE 63 Freezer

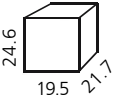
The Cruise 63 Freezer has the same outside dimensions as the Cruise 85 fridge so these units can be perfectly matched in side-by-side installations. The CR 63 Freezer is equipped with two shelves and a bin at the bottom. It has a corner-mounted compressor with no exposed evaporator..

	<b>Isotherm CRUISE 65 Freezer</b>	
	Type	CR 65 F
	Volume	2.2 Cu. Ft



### CRUISE 63 Freezer Stainless Steel

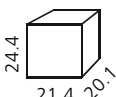
The Cruise 63 F Stainless Steel freezer has the same outside dimensions as the Cruise 85 Stainless Steel fridge so these units can be perfectly matched in side-by-side installations. The CR 63 Freezer is equipped with two shelves and a bin at the bottom. It has a corner-mounted compressor with no exposed evaporator.

	<b>Isotherm CRUISE 63 Freezer INOX*</b>	
	Type	CR 63 F INOX
	Volume	2.2 Cu. Ft



### CRUISE 65 Freezer

The CR 65 Freezer is a deep freezer with 2.3 cubic feet volume and extra thick insulation for superior performance and low power consumption. It is equipped with one shelf and a plastic basket at the bottom.

	<b>Isotherm CRUISE 65 Freezer INOX</b>	
	Type	CR 65 F INOX
	Volume	2.3 Cu. Ft



## CRUISE 65 Freezer Stainless Steel

The CR 65 Freezer is a deep freezer with 2.3 cubic feet volume and extra thick insulation for superior performance and low power consumption. It is equipped with one shelf and a plastic basket at the bottom

	<b>Isotherm CRUISE 65 Freezer INOX</b>	
	Type	CR 65 F INOX
	Volume	2.3 Cu. Ft



## CRUISE 90 Freezer

The CR 90 F freezer has the same outside dimensions as CR 130 Drink fridge so these units make a perfect side-by-side installation. The CR 90 F is equipped with three shelves and four separate hatches that keep cold air in when accessing supplies. This deep freezer features extra thick insulation for low power consumption and a fan-cooled compressor.

	<b>Isotherm CRUISE 90 Freezer</b>	
	Type	CR 90 F
	Volume	3.2 Cu. Ft



## CRUISE 90 Freezer Stainless Steel

The CR 90 F freezer Stainless Steel has the same outside dimensions as CR 130 Drink fridge and make a perfect side-by-side installation. The CR 90 F is equipped with three shelves and four separate hatches that keep cold air in when accessing supplies. This deep freezer features extra thick insulation for low power consumption and a fan-cooled compressor.

	<b>Isotherm CRUISE 90 Freezer INOX</b>	
	Type	CR 90 F INOX
	Volume	3.2 Cu. Ft



# DRAWER Marine Refrigerators & Freezers

**isotherm**



Available on DR55, DR65  
and DR160

- 1 High-tech design available in Stainless Steel or new Glass Line doors
- 2 Robust DRAWER mechanism for the demanding marine environment
- 3 Easy access to foods with multiple storage compartments for securing foods in rough conditions
- 4 Freezer compartment in internal drawer
- 5 Blue LED interior light
- 6 Robust DRAWER mechanism for the demanding marine environment  
Off-Shore Lock on Glass Line doors and positive latching aerospace handle on stainless steel doors for perfect closure at any time
- 7 Award Winning: first frost-free DC function for the DR55 and DR65

### Isotherm Drawer Models: Breakthrough Marine Design

- Isotherm drawer models give boat builders and owners the flexibility of having a refrigerator, a freezer, or a refrigerator/freezer/icemaker in the most common cut-out sizes in the marine industry. Common footprints make it easy to upgrade to the elegance of Isotherm drawer models.
- Rugged drawer design for the marine environment sets Isotherm apart from the competition
- Universal AC/DC works with common power supplies used world-wide including 12/24 volts DC and 115/230 volts AC.
- Matching footprint on DR55 Freezers and DR65 Refrigerators for stacked and side by side installations.
- The innovative Isotherm off shore lock and positive latching handles prevent the door from being opened accidentally.
- Available with the award winning frost-free technology which is extremely economical with electrical energy by providing structural features which prevent frost accumulation and therefore protect against increased energy consumption.
- Outstanding design possibilities with the new Glass Line doors including navy blue, grey, white and black. Customized colors and logos are also available on request for large orders.



The DRAWER 160 Combo offers an all in one solution, providing a fridge, a freezer and an ice maker in one system. (P. 34)



# DRAWER Marine Refrigerators & Freezers

## DR49

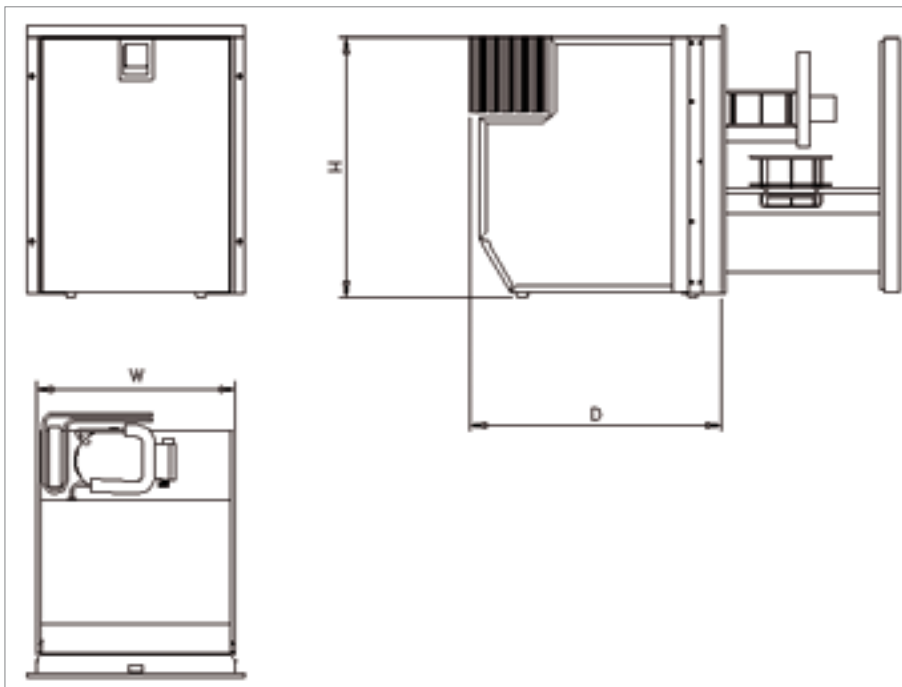
### Product Overview: Isotherm DRAWER Marine Refrigerators and Freezers

Type	Volume Cu. Ft	Dimensions H x W x D inches <sup>1</sup>	Weight Pounds	Amps Power Consumption* max / hourly	Danfoss Compressor Type
DR 49 Stainless Steel	1.7	20.9 x 15.9 x 20.5	46	2.7 / 1.1	BD35F
DR 49 GLASS	1.7	20.9 x 15.9 x 20.5	46	2.7 / 1.1	BD35F
DR 55 frost-free FREEZER Stainless Steel	1.9	20.9 x 18.5 x 21	68	5 / 1.5	BD35F
DR 55 frost-free FREEZER GLASS	1.9	20.9 x 18.5 x 21	68	5 / 1.5	BD35F
DR 65 Stainless Steel	2.3	20.9 x 18.5 x 21	53	2.7 / 1.2	BD35F
DR 65 GLASS	2.3	20.9 x 18.5 x 21	68	2.7 / 1.2	BD35F
DR 65 frost-free Stainless Steel	2.3	20.9 x 18.5 x 21	68	5 / 1.5	BD35F
DR 65 frost-free GLASS	2.3	20.9 x 18.5 x 21	68	5 / 1.5	BD35F
DR 160 Steel Steel COMBO**	5.5	33.8 x 24.2 x 21.5	68	2.5 (115v)	-
DR 190 Stainless Steel	6.7	31.3 x 35.4 x 22.1	68	6 / 2.5	BD50F

All DRAWER fridges (except the DR 160) are 12/24 DC with optional AC/DC. The DR 160 is either 115 V AC 60 Hz or 220 V AC 50 Hz.

\* Power consumption figures for comparison purposes are listed as the amps consumed when running / average hourly consumption on a 12 volt system with 10°F in the freezer space or 42°F in the refrigerator with ambient air temperature of 72° F.

\*\* Power supply 220 V AC or 110 V AC; 50-60 Hz. Combo is refrigerator/freezer/ice maker.







## DRAWER 49 Stainless Steel

The DR 49 INOX is a new, space-saving, DRAWER unit with stainless steel front door. The interior is designed to fit 12 ounce cans, 1/2 gallon milk and juice cartons, and gallon plastic containers with two robust drawers. Secure storage includes integrated adjustable bars, bins, and freezer compartment. Internal blue LED light.

	<b>Isotherm DRAWER 49 INOX</b>	
	Type	DR 49 INOX
	Volume	1.7 Cu. Ft



## DRAWER 49 GLASS

The DR 49 Glass is a space-saving and front opened DRAWER of 1.7 cu. ft volume. Its looks are characterized by an elegant and modern tempered glass door front, available in 4 colours (grey, blue, black or white), a freezer compartment and the sequence of 5 LED lights for blue internal light.

	<b>Isotherm DRAWER 49 GLASS</b>	
	Type	DR 49 GLASS
	Volume	1.7 Cu. Ft



## Isotherm Drawer Refrigerators

Easy access to food and beverages, elegant design, rugged construction, and dependable performance makes Isotherm drawer refrigerators and freezers the popular choice for boat owners and boat builders.



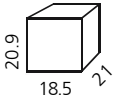
# DRAWER Marine Refrigerators & Freezers

## DR55, DR65



### DRAWER 55 Frost-Free Freezer Stainless

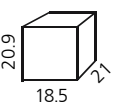
The DR 55 deep freezer is a 1.9 cu. ft capacity stainless steel front opened DRAWER freezer. This model combines innovative stainless steel design with modern technology such as automatic defrost which allows boaters to have the comforts of home on board. The DR55 F is equipped with an internal fan for temperature constant control and cool blue LED lighting.

	<b>Isotherm DRAWER 55 frost-free Freezer</b>	
	Type	DR 55 F INOX
	Volume	1.9 Cu. Ft



### DRAWER 55 Frost-Free Freezer Glass

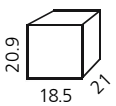
The DR 55 deep freezer is a 1.9 cu. ft capacity DRAWER freezer. The DR 55 F is equipped with an internal fan for temperature constant control and a sequence of 5 LED lights for blue internal light. Its looks are characterized by an elegant and modern tempered glass door front available in 4 colors (grey, blue, black or white).

	<b>Isotherm DRAWER 55 frost-free Freezer Glass</b>	
	Type	DR 55 F GLASS
	Volume	1.9 Cu. Ft



### DRAWER 65 Stainless Steel

The DR 65 INOX is a space-saving, front-opened DRAWER based on the standard 2.3 cu. ft refrigerator which has an innovative interior concept with multiple bins for secure storage and a 3-bottle wine rack. Cool Blue LED lights provide internal lighting. This version of the DR65 has a freezer section in a small internal drawer. All DR55 and DR65 Drawer units have the same footprint and cutout dimensions for perfect pairing and interchangeability.

	<b>Isotherm DRAWER 65 INOX</b>	
	Type	DR 65 INOX
	Volume	2.3 Cu. Ft



## DRAWER 65 GLASS

The DR 65 Glass is a front opened DRAWER refrigerator/freezer with a volume of 2.3 cu. ft. Equipped with two robust drawers, it offers the possibility for perfect organization and optimized use of internal space. Elegant and modern tempered glass door front available in 4 colors (grey, blue, black or white).

	<b>Isotherm DRAWER 65 GLASS</b>	
	Type	DR 65 GLASS
	Volume	2.3 Cu. Ft



## DRAWER 65 Frost-Free Stainless Steel

The DR65 Frost-Free Refrigerator is a space-saving drawer with a volume of 2.3 cu. ft.. This model is all refrigerator (no freezer) with bins and bottle racks for secure storage. It combines advanced technology with automatic defrost allowing home comfort on board. A sequence of 5 LED lights provides cool blue internal light. The DR65 is ideal for side-by-side installation with the DR 55 Freezer.

	<b>Isotherm DRAWER 65 frost-free INOX</b>	
	Type	DR 65 frost-free INOX
	Volume	2.3 Cu. Ft



## DRAWER 65 frost-free GLASS

The DR 65 Glass is a front opened DRAWER unit that is all refrigerator (no freezer). Equipped with an internal drawer for more refrigerator storage, it offers the easy organization of supplies and optimized use of internal space. The door is an elegant and modern tempered safety glass door front available in 4 colors (grey, blue, black or white). Matches up with the DR55 Freezer.

	<b>Isotherm DRAWER 65 frost-free GLASS</b>	
	Type	DR 65 frost-free GLASS
	Volume	2.3 Cu. Ft



# DRAWER Marine Refrigerators & Freezers

## 160, 190



### DRAWER 160 Stainless Steel COMBO

The DRAWER 160 is a double-drawer refrigerator/freezer with an automatic ice maker. The upper drawer of the DR160 consists of a 3.2 cubic foot refrigerator while the lower drawer holds a 2.3 cu. ft freezer with ice maker and bin which holds 0.2 cu. ft of ice. The total internal volume is 5.5 cu. ft while the outer dimensions remain very compact. The DRAWER 160 is available in either 115 volts 60 Hz AC or 230 volts 50 Hz AC.

The DR160 is equipped with frost-free technology which is very energy efficient and provides structural features that do not allow frost accumulation. An easy to access control panel in the top drawer has digital read-out in Fahrenheit and Celcius. Cool blue internal LED lights make accessing food easy.

A six-bottle, fold-away caddy mounted inside the top of the fridge section makes excellent use of space for wine and beverage storage. Gallon bottles of milk easily fit the fridge drawer in the standing position. Designed in conjunction with one of the world's leading boat builders, the DR160 has features like drawer strength, positive latching handles, and superior function that make it a top performer in the marine environment..

	<b>Isotherm DRAWER 160 INOX frost-free COMBO</b>
Type	DR 160
Volume	5.56 cu. ft





## DRAWER 190 Stainless Steel Fridge

The DR 190 INOX is a DRAWER refrigerator in stainless steel design with two separate drawers providing practical adjustable interior equipment. It is equipped with a fan-cooled compressor mounted on the rear side and delivered with a three side mounting frame for flush mounting. The DR190 gives demanding on-board chefs abundant storage space for fresh foods and has the largest under-the-counter storage capacity of any refrigerator drawer on the market. Available as AC/DC or DC only which makes it a perfect addition to both motor yachts and sailing vessels..

	<b>Isotherm DRAWER 190 INOX</b>	
	Type	DR 190 INOX
	Volume	6.7 cu. ft



# ISOTHERM Ice Makers

**isotherm**



For an independent supply of fresh water, a 0,5 cu. ft water tank operating with a 230 V or 115 V water pump can be ordered as an accessory.



Isotherm set the standard for ice on board by delivering the only clear ice maker on the market that works in the mobile environment. A true "Yachtsman's Ice Maker", the **Isotherm Clear Ice Maker** makes 40 pounds of crystal clear ice a day. Now Isotherm brings another innovation to the market with the new

**Isotherm White Ice Maker** which features the durability and dependability of Isotherm. The Isotherm White Ice Maker puts out 22 pounds of crescent-shaped white ice a day.



#### Isotherm Clear Ice Maker

- Crystal clear ice does not change the flavor of drinks
- Complete stainless steel design
- Production capacity of 40 Pounds per day
- Spray technology for clear ice
- Ice is maintained above freezing so it is always loose
- Available both in 115 or 230 V (50 or 60 Hz)
- Optional water tank for making ice with bottled water
- Optional ventilation kit
- Optional flange for installation



#### Isotherm White Ice Maker

- Available in stainless steel or with white door
- Production capacity of 22 Pounds per day
- Reliable white ice technology
- Numerous customizing possibilities with flange/panels as with CRUISE fridges and freezers
- Superior ventilation design
- Ice compartment keeps ice cubes frozen
- Optional water tank for ice cubes made with bottled water

### Product Overview: Isotherm IceDrink Ice Makers

Type	Volume (Cu. Ft)	Dimensions (HxWxD mm)	Weight (Pounds)	Power Consumption Average/Max	Compressor Type
Clear Ice Maker	8	22.9 x 13.9 x 16	62	1.4 A 230 V / 2.8 A 115 V	230 V or 115 V AC
White Ice Maker	25	25 x 14 x 16*	66	1.3 A 230 V / 2.5 A 115 V	230 V or 115 V AC

\* Door not included (17 inches with door when flush mounted)



# DIVINO Wine Cellars



- 1 Sturdy, metal casing
- 2 Robust handle
- 3 Large storage capacity for 23 or 35 bottles
- 4 Optional installation of an additional external door lock



Indel Webasto Marine introduces the elegant new Divino 23 and 35 bottle wine cellars for the yacht owner who values quality wines and champagne. These alluring wine cellars enable boat owners to serve great wine or champagne at the perfect temperature.

Both 23 and 35 bottles wine cellars are designed be built into yacht cabinets with beautiful, flush mount design. Digital display and push-button controls allow owners to select the proper temperatures for their wine and champagne collections. Sophisticated smoked glass allows a view of contents, yet protects your wine collection from UV light. Brushed stainless steel door and handle add a touch of European elegance that enhances any setting.

Both models feature double door locking systems to prevent unwanted door opening in rough sea conditions and special racks designed for securely storing wine and champagne bottles. Optional keyed locks protect valuable collections.

**The luxury to serve wine or champagne at the right temperature:**

- Built-in wine cellars for 23 or 35 bottles
- No ventilation grills needed
- Flush mount doors for perfect integration with cabinetry
- Interior light

**Product Overview: DIVINO Wine Cellars**

	<b>Divino WC 23</b>	<b>Divino WC 35</b>
Capacity	23 (27 max.)* bottles	35 (45 max.)* bottles
Internal shelves	3 wooden	5 wooden
Size in inches (H x W x D)	18 x 23 x 21 (+1 inches door thickness)	28 x 23 x 21 (+1 inches door thickness)
Weight	67,2 Pounds + 11 Pounds packing	67,2 Pounds + 12,1 Pounds packing
Power installed	115 or 230 V, 120 watt	115 or 230 V, 120 watt
Cooling system	Compressor CFC - free	Compressor CFC - free
Electronic Thermostat	1	1
Temperature	mono	mono
Internal light	yes	yes

\* 27 or 45 bottles if all the wooden shelves are removed from the wine cellar.



Divino WC 23



Divino WC 35



# TRAVEL BOXES



Reliable, high quality portable fridge/freezers for marine environments



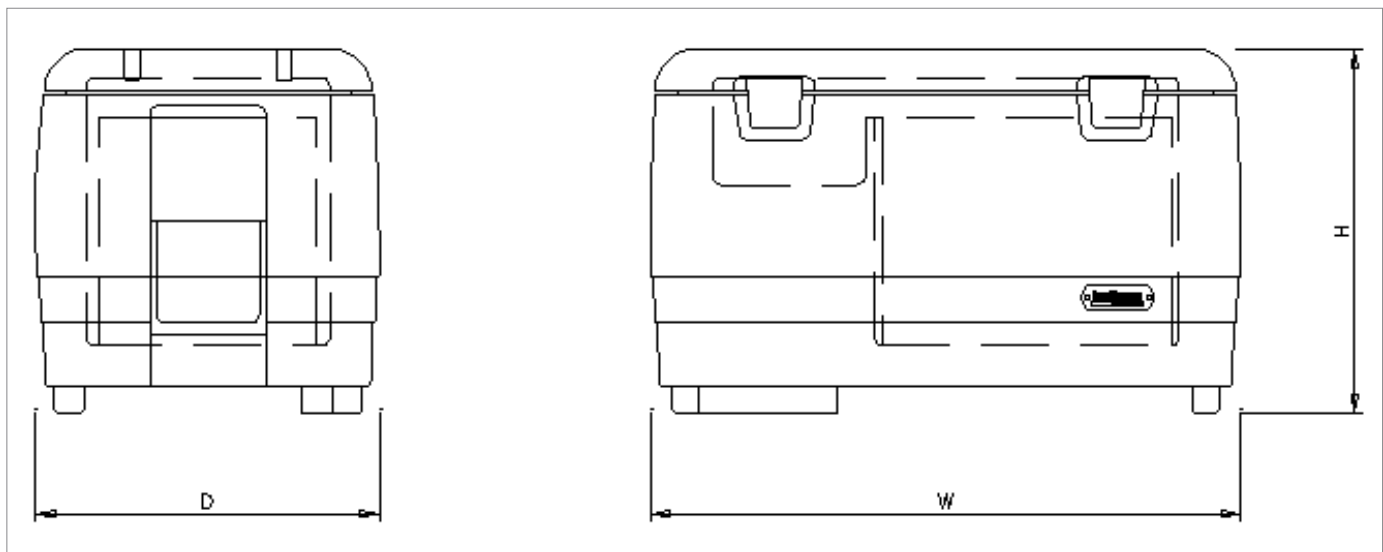
- 1 Very rugged and compact design for outdoor conditions
- 2 Large capacity to store food and drinks (0.9-1.8 Cu. Ft)
- 3 Highly portable units equipped with strong handles for an easy transport
- 4 Thick roto-molded, polyethylene construction for high insulation, durability, and corrosion resistance.
- 5 12/24 V Danfoss compressors for long life and reliability



### Product Overview: Travel Boxes

Type	Volume (Cu. Ft)	Dimensions (H x W x D in)	Weight (Pounds)	Watts Power Consumption* max / hourly	Danfoss compressor type	Freezer compartment specifics
TB 31A	1.1	15 x 14 x 23	31	45	BD35F	-
TB 41A	1.4	17.5 x 14 x 23	46	45	BD35F	-
TB 45A	1.5	18.7 x 21.6 x 19.3	46	45	BD35F	89 (-18°C)
TB 50	1.8	19 x 31 x 18	57	50	BD35F	106 (-20°C)
TB 51A	1.8	20.9 x 13.8 x 21	46	50	BD35F	89 (-18°C)
TB 55A	1.94	20.3 x 26.4 x 20.9	57	50	BD35F	106 (-20°C)

\* Power consumption figures for comparison purposes are listed as the amps consumed when running / average hourly consumption on a 12 volt system with 42°F in the box and ambient air temperature of 72° F. Specification changes may be made without prior notice



Isotherm portable Travel Boxes provide the outdoorsman versatile refrigeration and freezer boxes that can be used on the boat, in the campsite, in the car, by the pool or in the pantry for extra storage.



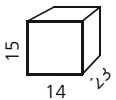
# Travel Boxes

## TB31A, TB41A, TB45A, TB50, TB51A, TB55A



### TB 31A

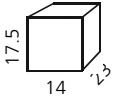
The new TB31A travel box features the best of electronic control technology. Highly efficient Danfoss compressors, energy saving function (ECO), turbo function (MAX) and multifunction electronic thermostat allow an easy and economic management of the fridge through a check and a reduction of power consumption. Operates on DC12-24 Volt and AC 115-230 Volt, 50 and 60 Hz. The switching between DC and AC is automatic. Three battery protection levels as standard.

	<b>Isotherm Travel Box 31A</b>	
	Type	TB 31A
	Volume	1.1 Cu. Ft



### TB 41A

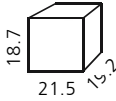
The new TB41A travel box features the best of electronic control technology. Highly efficient Danfoss compressors, energy saving function (ECO), turbo function (MAX) and multifunction electronic thermostat allow an easy and economic management of the fridge through a check and a reduction of power consumption. Operates on DC12-24 Volt and AC 115-230 Volt, 50 and 60 Hz. The switching between DC and AC is automatic. Three battery protection levels as standard.

	<b>Isotherm Travel Box 41A</b>	
	Type	TB 41A
	Volume	1.45 Cu. Ft



### TB 45A

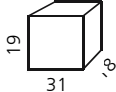
The new TB45A travel box features the best of electronic control technology. Highly efficient Danfoss compressors, energy saving function (ECO), turbo function (MAX) and multifunction electronic thermostat allow an easy and economic management of the fridge through a check and a reduction of power consumption. Operates on DC12-24 Volt and AC 115-230 Volt, 50 and 60 Hz. The switching between DC and AC is automatic. Three battery protection levels as standard.

	<b>Isotherm Travel Box 45A</b>	
	Type	TB 45A
	Volume	1.6 Cu. Ft



## TB 50

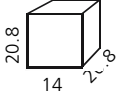
The TB 50 (fridge or freezer) was especially designed for outdoor conditions. It offers a built-in water splash protected compressor and its air supply mounted below. Extra thick insulations results in low power consumption at temperatures of +10° to -20°C in the deep freezer mode. Take it boating or camping, bring home the catch and deep freeze it in the pantry until the next backyard picnic where the TB50 becomes the place for ice-cold beer!

	<b>Isotherm Travel Box 50</b>	
	Type	TB 50
	Volume	1.8 Cu. Ft



## TB 51A

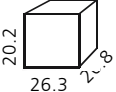
The new TB51A travel box features the best of electronic control technology. Highly efficient Danfoss compressors, energy saving function (ECO), turbo function (MAX) and multifunction electronic thermostat allow an easy and economic management of the fridge through a check and a reduction of power consumption. Operates on DC12-24 Volt and AC 115-230 Volt, 50 and 60 Hz. The switching between DC and AC is automatic. Three battery protection levels as standard.

	<b>Isotherm Travel Box 51A</b>	
	Type	TB 51A
	Volume	1.8 Cu. Ft



## TB 55A

The new TB55A travel box features the best of electronic control technology. Highly efficient Danfoss compressors, energy saving function (ECO), turbo function (MAX) and multifunction electronic thermostat allow an easy and economic management of the fridge through a check and a reduction of power consumption. Operates on DC12-24 Volt and AC 115-230 Volt, 50 and 60 Hz. The switching between DC and AC is automatic. Three battery protection levels as standard.

	<b>Isotherm Travel Box 55A</b>	
	Type	TB 55A
	Volume	1.9 Cu. Ft



# BUILT-IN COOLING BOXES



## NEW! 40 CUBE

### Top or Front Opening Refrigerator or Freezer

High flexibility of installation, optimized use of free space on board.



- 1 The new CUBE 40 is designed to be installed as a front-opening or top-opening refrigerator or freezer.
- 2 Plastic and stainless steel interior linings are extra rugged and easy to clean. Interior lights and thermostat are easy to access.
- 3 Remote Mount AC/DC or DC only Danfoss compressors
- 4 Complete range of top-loading refrigerators and freezers give boat owners flexibility in adding more fridge or freezer space.
- 5 Lids are ready to be customized with countertop materials or with panels for the CUBE 40.



Built-In fridges and freezers allow an optimized use of space on board thanks to the top-loading access to the interior. Need extra frozen goods for a long cruise? Install a top-loading Isotherm under a bunk, in the settee, under the helm station or in the lazarette! Turn them up for refrigerator temperatures or down to freezer temperatures, Isotherm Built-In boxes are extremely flexible in size and design.

### The advantages of a Built-In cooling box:

- Easy access to food and drinks from the top
- Better installation opportunities for space saving refrigerators and freezers
- Top access keeps cold air in and makes them more efficient
- Customizing opportunities of the top lid allows attachment of countertop materials for a perfectly adapted design

### Overview: Built-In Refrigerators and Freezers

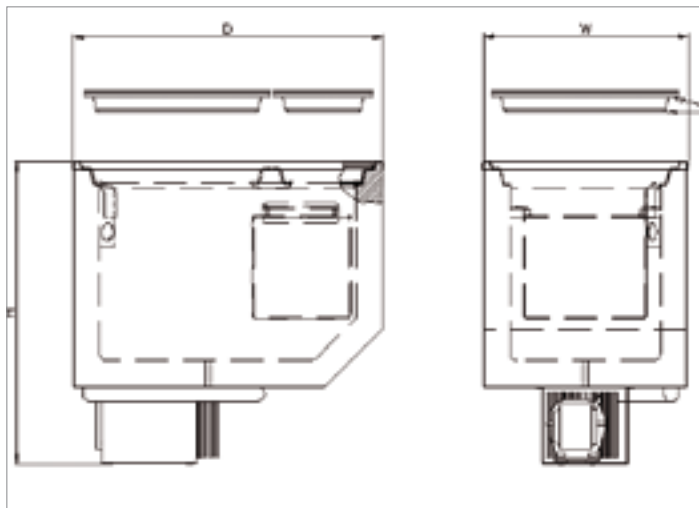
Type	Volume (Cu. Ft)	Dimensions H x W x D inches <sup>1</sup> (compressor remote mounted)	Available with ASU	Water cooled option	Weight (Pounds)	Amps Power Consumption* max / hourly	Danfoss Compressor Type
BI 29**	1,0	14.6 x 13.4 x 26.4 (20.2)		Yes	40	2.5 / 0.5	BD35F
BI CUBE 40**	1.4	17 x 17 x 24.5 (17)		Yes	40	2.5 / 0.7	BD35F
BI 40**	1.4	16.5 x 15.9 x 22 (15.2)	Yes	Yes	35	2.5 / 0.7	BD35F
BI 41	1.5	24.6 (18.2) x 13.4 x 19.7		Yes	42	3.5 / 0.7	BD35F
BI 53 Freezer	1.9	24.9 (18.5) x 16.9 x 25.5		Yes	53	4.5 / 1.6	BD50F
BI 55	1.9	26 (19.8) x 14.1 x 25.5		Yes	49	3.5 / 0.8	BD35F
BI 75**	2.7	24.9 (18.5) x 16.9 x 25.5		Yes	49	3.5 / 0.8	BD35F
BI92**	3.2	24.2 (17.9) x 19.1 x 31.7		Yes	62	4.5 / 1.0	BD50F

<sup>1</sup> All top loading boxes have remote-mount compressors that come attached to the box for shipping. Dimension in parenthesis show minimum depth or height when compressor is remotely mounted.

\* Power consumption figures for comparison purposes are listed as the amps consumed when running / average hourly consumption on 12 volt system with 42°F in the refrigeration space, ambient air temperature 72° F. Power consumption will be reduced by approximately 30% for ASU models over non-ASU models on average..

\*\* The built-in box operates as a fridge or freezer

Specification changes may be made without prior notice.



The Isotherm built-in dual temperature top-loading boxes can maintain freezer temperatures at low power draw or be turned up to refrigerator temperatures. With an easy-to-clean interior of stainless steel walls and plastic bottom with rounded edges, Isotherm top loading boxes have bins suspended inside that allow easy access and organization of food supplies with an internal light for finding things at night. The lids can be fixed to the bottom of countertop material and designed with hinges for opening or a center pull to remove completely. By adding the AC/DC electronics, DC units will run on all power supplies used worldwide including 12 and 24 volt DC as well as 115 and 230 volt AC, 50 and 60 Hertz.

Isotherm Build-In top-loading boxes are high quality products that add value to every installation. They are easy to install with remote mount compressors that give the builder flexibility in where to place the unit. Isotherm products give the owner confidence and certainty that it will perform flawlessly in the toughest conditions and maintain temperatures that the owner chooses.



# Built-In Cooling Boxes

## BI29 / BI40 / BI41 / BI53 / BI55 / BI75 / BI92



### BI 29 Dual

The BI 29 is a refrigerator or freezer box with stainless steel inner lining and plastic bottom section. It offers a range of 50° F to 14° F. . The compressor can be mounted up to 5 feet away.. Optional roller slides allow box to be configured as a DRAWER with fixed compressor..

	<b>Isotherm Built-In 29</b>	
	Type	BI 29
	Volume	1.0 Cu. Ft



### BI CUBE 40

The BI CUBE 40 is a built-in refrigerator box that can be installed in a horizontal, front-opening or vertical, top-opening position. It is equipped with an internal light and removable divider. The fan-cooled compressor is mounted on the side but can be remote-mounted up to 4.9 feet away.

	<b>Isotherm Built-In 40 CUBE</b>	
	Type	BI 40 CUBE
	Volume	1.4 Cu. Ft



### BI 40

The BI 40 is a built-in refrigerator box. It is equipped with an L-shaped evaporator. The fan-cooled compressor is mounted on the side. The BI 40 is also available with ASU. Other compressor options as SP or Magnum are also available.

	<b>Isotherm Built-In 40</b>	
	Type	BI 40
	Volume	1.4 Cu. Ft



### BI 41 Dual

The BI 41 is a refrigerator or freezer box with stainless steel inner lining, plastic bottom section and a wire basket. It offers a range of 50° F to 14° F. The fan-cooled compressor is mounted on the side, or easily repositioned up to 5 feet away. Other compressor options as SP or Magnum are also available.

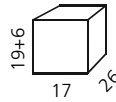
	<b>Isotherm Built-In 41</b>	
	Type	BI 41
	Volume	1.5 Cu. Ft





## BI 53 F

The BI 53 F is a built-in freezer box with stainless steel inner lining, plastic bottom section and a wire basket. It offers a range of 0° to -20°C and is equipped with inner light. Its fan-cooled compressor unit is mounted below but easily repositioned up to 5 feet away. Other compressor options as SP or Magnum are also available.



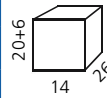
### Isotherm Built-In 53 F

Type	BI 53
Volume	1.9 Cu. Ft



## BI 55

The BI 55 is a built-in refrigerator box with stainless steel inner lining, plastic bottom section and two wire baskets. It is equipped with interior light. Its fan-cooled compressor unit is mounted below but easily repositioned up to 5 feet away. SP or Magnum optional.



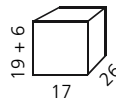
### Isotherm Built-In 55

Type	BI 55
Volume	1.9 Cu. Ft



## BI 75

The BI 75 is a built-in fridge box with stainless steel inner lining, plastic bottom section and two wire baskets. It is equipped with inner light. Its fan-cooled compressor unit is mounted below but easily repositioned up to 5 feet away. SP or Magnum are also available.



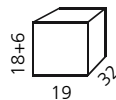
### Isotherm Built-In 75

Type	BI 75
Volume	2.7 Cu. Ft



## BI 92 Dual

The BI 92 is a built-in fridge or freezer box with stainless steel inner lining, plastic bottom section and three wire baskets. It offers a range of 50° F to -6° F and is equipped with inner light. Its fan-cooled compressor unit is mounted below but easily repositioned up to 5 feet away. Other compressor options as SP or Magnum are also available.



### Isotherm Built-In 92

Type	BI 92
Volume	3.2 Cu. Ft



# ISOTHERM EXCLUSIVE COOLING TECHNOLOGY

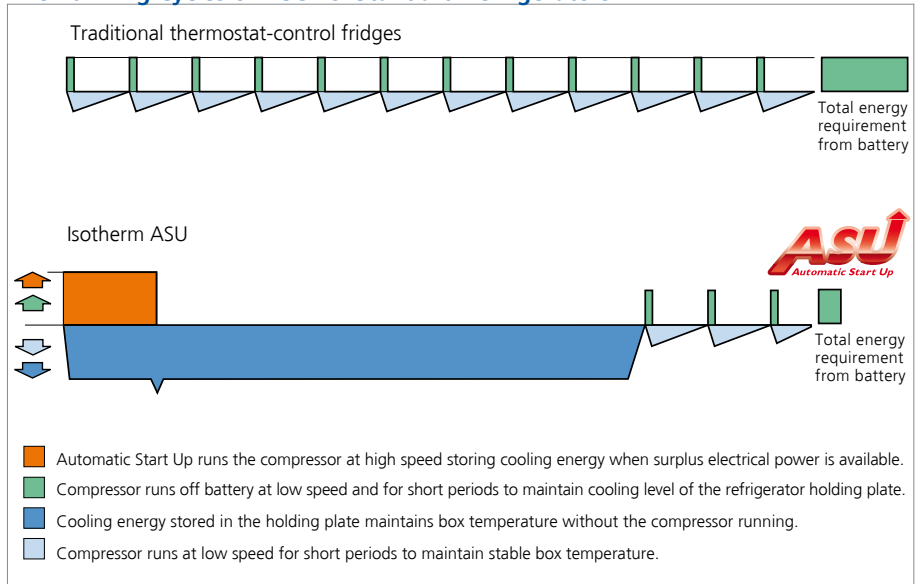
## Isotherm ASU charges the holding plate while the engine is running

The patented ASU system has now been available for more than 20 years and has been installed on tens of thousands of boats worldwide. The ASU system starts the compressor when the engine is running and extra power is available to freeze the holding plate completely. The energy stored in the holding plate acts like a block of ice which keeps the refrigerator cold for longer periods. This keeps the compressor from running, thus saving battery power. Once the stored cold is completely consumed, the compressor starts to run for short periods at a slower speed to maintain the required temperature in the box. The slower speed also acts to save battery power. With its unique principle of operation – the patented ASU “Automatic Start Up” system – Isotherm ASU has an important competitive advantage over traditional refrigerators.

### ASU – Automatic Start Up

This unique system is designed to automatically start the compressor at full speed when the engine is running and plenty of power is available. The ASU electronics control the three-phase Danfoss compressor with full-range speed control and achieves a quicker freezing of the holding plate. By taking advantage of the surplus energy generated by the alternator when the engine is running, the ASU feature takes advantage of the surplus power when it is available. The ASU system is perfect for sailing vessels under typical cruising conditions when boats use engines leaving and entering anchorages, then sailing all day. The ASU system also is perfect for solar panels and takes advantage of their maximum output during the day. ASU systems are available in select cabinet refrigerators.

### The Running Cycles of ASU vs. Standard Refrigerators





## Frost-free – Award winning technology



The Indel Webasto Marine frost-free technology provides structural features which prevent the accumulation of ice inside the freezer which therefore avoids an increase in energy consumption. All models equipped with the frost-free concept are extremely economical and save energy on board.

### The Award-Winning Isotherm Frost-Free Technology:

- Exclusive Indel Webasto Marine technology for the marine market
- No ice accumulation for an excellent efficiency increase
- Exceptional cooling capacity: the refrigerator and the freezer reach and maintain the set temperature faster
- Stable inside temperatures as a result of the innovative internal circulation fan
- No more unpleasant task for manual defrosting



# ISOTHERM REFRIGERATION SYSTEMS (Part 1)

Indel Webasto Marine provides 2 approaches to perfect coolness for all power demands: evaporator and holding plate systems

## 1) Compact Systems

The Compact thermostat-regulated refrigeration unit uses a Danfoss compressor to cool an evaporator fitted in your refrigerator or deep freezer box.

New Danfoss compressors are even more power efficient than ever! Hermetically sealed, they operate in an environment of oil and refrigerant which contributes to extremely quiet operation and long life. All compressors used for Isotherm products run on a three-phase electrical system which contributes to the highest energy efficiency and performance.

This three-phase current is controlled by a microprocessor that is programmed to check the function of each refrigeration or freezer system. The microprocessor-based electronics module allows for the lowest possible power consumption and highest performance, programmed to the requirements of each system. Working on both 12 V and 24 V power, the electronic unit is able to protect itself from the accidental reversal of voltage polarity, draining of batteries below 10.9 volts (protecting vital systems like bilge pumps), and will shut down if temperatures rise over 132°F.

Evaporator systems give you flexibility in choosing an "O" shaped evaporator which gives you a freezer section within your fridge for frozen foods and ice or you can choose a flat evaporator that is easily custom bent to the interior dimensions of the box, radiating cold from a larger surface area for more even temperatures inside the box. Evaporators also perform better for dedicated freezers.





## 2) ASU

The intelligent refrigerator charges the holding plate while the engine is running by means of the patented energy-management system.

The ASU technology detects when a surplus of power is available, uses this power to freeze the cooling plate which consequently stores the cold for times, when no power is available for cooling purposes. A high-quality Danfoss compressor comprises the core

of the patented ASU "Automatic Start Up" electronic control system. Together with the Isotherm holding plate they are an unbeatable combination.



## How much power is needed?

**This is the most frequently asked question of all.**

We can give exact power consumption figures for our range of refrigerators, freezers and boxes, as we know their size and quality of insulation. It is more difficult to quote a figure for self-installed refrigeration boxes as we do not know the exact size of the box, or even more important, the quality and thickness of the insulation

material used. The power consumption figures given for a particular volume are therefore calculated for an insulation material of medium quality and thickness. The average power consumption is given in amps the compressor uses when running (max) and the average hourly amperage useage under specified conditions.

## Practical click-on mounting bracket:



A practical click-on mounting bracket suitable for horizontal or vertical mounting is included in all models except the AC/DC and the Magnum models.  
Fasten the bracket and lift the compressor into place.  
'Click'! The compressor locks onto the bracket without adjustments or tools.



# ISOTHERM REFRIGERATION SYSTEMS (Part 2)

Indel Webasto Marine provides 3 different methods for efficient removal of heat to suit every demand: Seawater-Cooled Thru-Hull, Air-Cooled, and Seawater Pump.

## 1) Self-Pumping Seawater-Cooled (SP System)



The Isotherm SP System uses a patented thru-hull that removes heat through the superior cooling physics of water. This method is completely independent from the air temperature inside the boat so even on the hottest days the water-cooled Isotherm SP operates consistently at an extremely high level of efficiency. Working without fans or pumps to remove the heat generated by the compressor, the SP system consumes much less battery power and is remarkably quiet.

The Isotherm SP unit uses the natural pumping motion of the hull to exchange heat through a special fitting that can replace the galley sink drain thru-hull. The flow is completely free inside the galley drain hose, so each movement of the surrounding water carries heat away into the water. The special thru-hull fitting contains a non restricting, full flow spiral heat exchanger for cooling the heated refrigeration agent, thus creating an extremely efficient cooling system. Even in the calmest waters, the natural physics of molecular heat transfer of water carries away heat. In fact, the SP System still functions sufficiently to cool refrigerant even when the boat is hauled out by creating a chimney effect to carry away heat through the natural convection of warm air.

The special alloy of the fitting is resistant to electrolysis and the growth of barnacles or grasses. The SP system comes complete with zinc and sea cock.

- Sea water cooling for even higher efficiency.
- Lower power consumption.
- Silent – no fan nor pumps.
- Heat removed by water means cooler inside the boat.
- No extra holes in hull required.
- Simple to fit. Replaces the through-hull fitting for galley sink.





## Air-Cooled



Air-cooled compressor systems offer an effective, economically priced method of removing heat from a refrigeration system. Easy installation is the hallmark of air-cooled systems. Because they require no special plumbing and have a compact footprint, compressors can be mounted close to the refrigeration box. All Isotherm air-cooled systems come complete with a click-on mounting bracket which allows for mounting the compressor on a deck or bulkhead.

Air blown through the condenser coils by a fan cools the refrigerant, compressor and electronics. Be sure to mount air-cooled compressors in a location that will not trap heat in a closed compartment or an area will get hot such as an engine room. Good ventilation is the key to efficient refrigeration. It is important that the compressor compartment is well ventilated allowing cool air to enter from below and hot air to escape at the top.



## Isotherm Magnum – Electric pump seawater-cooled



Isotherm Magnum systems are specially designed for vessels with exceptionally high heat removal requirements such as vessels with large refrigerator or freezer volumes or vessels sailing in tropical waters. Isotherm Magnum uses water pumped through a condenser to increase cooling efficiency. All Magnum models are fitted with integrated seawater pumps for circulating cooling water through the heat exchanger (condenser) mounted on the compressor plate. The pump is quiet, self-priming, withstands dry running and is self-aerating. The highly efficient heat exchanger is manufactured in a corrosion-resistant copper-nickel alloy and fitted with a zinc anode. Sea water-cooled units are extremely efficient and offer increased cooling capacity.

### Isotherm Magnum Twin

The Magnum Twin model is the biggest and most modern refrigeration unit in the range, using twice the compressor power as the smaller Magnums. By combining two Danfoss compressors, even the largest refrigerators (up to 17.7 cu. ft.) or freezers (up to 6.2 cu. ft.) work to capacity. For trouble-free operation over long periods, the lubrication systems of both compressors are connected with an oil cooler to ensure continuous operation at full capacity even in tropical conditions.



# Isotherm Compact Refrigeration Systems

## Compact Refrigeration Systems:

Isotherm offers the widest range of refrigeration systems that use air or sea water to remove heat. Isotherm Systems are easy to select because they have a recommended volume of the ice box for refrigeration so you can have confidence in choosing the system that is right for your requirements. The same unit can be used for freezers with a recommended volume of approximately one third of the refrigeration volume. For example, a system that will refrigerate a 9 cubic foot fridge will also work for a 3 cubic foot freezer.

### Air-cooled



- Fridge or Freezer System
- 12/24 V Danfoss compressor
- Optional universal AC/DC converter for complete power supply compatibility (12/24 V, 230/115 V and 50/60 Hz)
- Easy installation thanks to pre-charged system, "click-on" bracket and quick-connect refrigerant lines
- All flat evaporators can easily be bent to fit the internal dimensions of the box.

### Water-cooled self pumping – SP



- Fridge or Freezer System
- 12/24 V Danfoss compressor
- Optional universal AC/DC converter for complete power supply compatibility (12/24 V, 230/115 V and 50/60 Hz)
- Easy installation thanks to pre-charged system, "click-on" bracket and quick-connect refrigerant lines
- The patented SP system eliminates fan and water pump for quiet operation and very low power consumption

### Water-cooled – MAGNUM



- Fridge or Freezer System
- 12/24 V Danfoss compressor
- Optional universal AC/DC converter for complete power supply compatibility (12/24 V, 230/115 V and 50/60 Hz)
- Easy installation thanks to pre-charged system, "click-on" bracket and quick-connect refrigerant lines
- Self-priming seawater pump to ensure extra high efficiency for tropical and high-volume applications
- Variable speed water pump automatically adjusts according to the temperature of the condenser





**Technical Data:**

Type	Max. Volume (Cu. Ft)		Dimensions Evaporator L x W x H (inches)	Dimensions Compressor L x W x H (inches)	Weight (Pounds)	Amps Power Consumption* max / hourly	Compressor type	Temp range**
	Fridge	Freezer						
<b>Air-cooled Systems - detail photos and information on pages 50 - 51</b>								
GE 80	2.8	0.9	14 x 10	11 x 6 x 6	20	2.5 / 0.6	BD35F	Fridge or Freezer
GE 150	5.3	1.8	15 x 14	11 x 6 x 6	20	3.5 / 0.7	BD35F	Fridge or Freezer
2001	4.4	1.5	8.25 x 9.4 x 3.4	11 x 6 x 6	20	2.5 / 0.6	BD35F	Fridge or Freezer
2301	5.3	1.8	9.1 x 12.6 x 3.9	11 x 6 x 6	20	3.5 / 0.7	BD35F	Fridge or Freezer
2501	7.1	2.3	10.6 x 15 x 5.5	12 x 6 x 6	20	3.5 / 0.9	BD50F	Fridge or Freezer
2005	2.1	0.7	14 x 5	11 x 6 x 6	20	2.5 / 0.6	BD35F	Fridge or Freezer
2007	3.5	1.2	10 + 4 x 14	11 x 6 x 6	20	2.5 / 0.6	BD35F	Fridge or Freezer
2010	4.4	1.5	15.7 + 6.9 x 8.25	11 x 6 x 6	20	2.5 / 0.7	BD35F	Fridge or Freezer
2012	6.0	2.0	32 x 8	12 x 6 x 6	24	4.5 / 0.9	BD50F	Dual
2016	7.1	2.3	47 x 7	12 x 6 x 6	26	6 / 1	BD50F	Dual
2017	9.2	3.0	39 x 11	12 x 6 x 6	26	6 / 1.1	BD50F	Dual
2013	14.1	4.7	54 x 12	12 x 6 x 6	26	6 / 1.2	BD50F	Dual
<b>Sea water-cooled Systems</b>								
<b>SP (Self-Pumping Systems) - detail photos and information on pages 52 - 53</b>								
2051	4.4	1.5	9 x 3 x 8	8 x 5 x 6	24	2.5 / 0.6	BD35F	Fridge or Freezer
2351	5.3	1.8	13 x 4 x 9	8 x 5 x 6	24	3.5 / 0.7	BD35F	Fridge or Freezer
2551	7.1	2.3	10.6 x 15 x 5.5	8 x 5 x 6	29	4.5 / 0.8	BD50F	Fridge or Freezer
2055	2.1	0.7	14 x 5	8 x 5 x 6	22	2.5 / 0.6	BD35F	Fridge or Freezer
2057	3.5	1.2	10 + 4 x 14	8 x 5 x 6	22	2.5 / 0.6	BD35F	Fridge or Freezer
2050	4.4	1.5	16 + 7 x 8	8 x 5 x 6	24	3.5 / 0.7	BD35F	Fridge or Freezer
2553	6.0	2.0	32 x 8	8 x 5 x 6	29	4.5 / 0.9	BD50F	Dual
2554	7.1	2.3	47 x 7	8 x 5 x 6	29	6 / 0.9	BD50F	Dual
2555	9.2	3.0	39 x 11	8 x 5 x 6	29	6 / 1	BD50F	Dual
2556	14.1	4.7	54 x 12	8 x 5 x 6	31	6 / 1.1	BD50F	Dual
<b>MAGNUM (Sea Water Pump Systems) - detail photos and information on pages 54 - 55</b>								
2505	7.1	2.3	10.6 x 15 x 5.5	17 x 9 x 7	33	6 / 1	BD50F	Dual
2511	6.0	2.0	32 x 8	17 x 9 x 7	33	4.5 / 1	BD50F	Dual
2512	7.1	2.3	47 x 7	17 x 9 x 7	33	6 / 1.1	BD50F	Dual
2513	9.2	3.0	39 x 11	17 x 9 x 7	33	6 / 1.1	BD50F	Dual
2507	14.1	4.7	54 x 12	17 x 9 x 7	35	6 / 1.4	BD50F	Dual
2509	17.7	5.9	59 x 18	21 x 9 x 7	49	8.5 / 3.5	BD50Fx2	Dual
2607	15.0	5.0	54 x 12	17 x 9 x 7	35	10.5 / 1.5	BD80F	Dual
2609	21.2	7.1	59 x 18	17 x 9 x 7	37	10.5 / 2.1	BD80F	Dual

\* Power consumption figures for comparison purposes are listed as the amps consumed when running / average hourly consumption on 12 volt system with 42°F in the refrigeration space, ambient air temperature 72° F. and medium sized insulation;

\*\* TRRefrigerator temperatures from mid-30's to mid-40's are proper refrigerator temperatures. Reduce the box volume by 10-20 %, in tropical conditions. Dual can operate both as a fridge or a freezer by setting the temperature with a special thermostat. Specification changes may be made without prior notice.



# Isotherm Compact Classic Air Cooled Refrigeration & Freezer Systems

## Isotherm Compact Classic 2001



- Evaporator: Small "O"
- Max box volume fridge: 4.4 cu. ft.
- Max box volume freezer: 1.4 cu. ft.

## Isotherm Compact Classic 2005



- Evaporator: Small flat
- Max box volume fridge: 2.1 cu. ft.
- Max box volume freezer: 0.7 cu. ft.

## Isotherm Compact Classic 2301



- Evaporator: Medium "O"
- Max box volume fridge: 5.3 cu. ft.
- Max box volume freezer: 1.7 cu. ft.

## Isotherm Compact Classic 2007



- Evaporator: Small "L"
- Max box volume fridge: 3.5 cu. ft.
- Max box volume freezer: 1.1 cu. ft.

## Isotherm Compact Classic 2501



- Evaporator: Large "O"
- Max box volume fridge: 7.1 cu. ft.
- Max box volume freezer: 2.3 cu. ft.

## Isotherm Compact Classic 2010



- Evaporator: Large "L"
- Max box volume fridge: 4.4 cu. ft.
- Max box volume freezer: 1.4 cu. ft.



### Isotherm Compact Classic GE80



- Evaporator: Flat
- Max box volume fridge: 2.8 cu. ft.
- Max box volume freezer: 0.9 cu. ft.

### Isotherm Compact Classic 2016



- Evaporator: Flat
- Max box volume fridge: 7 cu. ft.
- Max box volume freezer: 2.3 cu. ft.

### Isotherm Compact Classic GE150



- Evaporator: Flat
- Max box volume fridge: 5.3 cu. ft.
- Max box volume freezer: 1.7 cu. ft.

### Isotherm Compact Classic 2017



- Evaporator: Flat
- Max box volume fridge: 9.2 cu. ft.
- Max box volume freezer: 3.1 cu. ft.

### Isotherm Compact Classic 2012



- Evaporator: Flat
- Max box volume fridge: 6 cu. ft.
- Max box volume freezer: 1.9 cu. ft.

### Isotherm Compact Classic 2013



- Evaporator: Large Flat
- Max box volume fridge: 14.1 cu. ft.
- Max box volume freezer: 4.9 cu. ft.



# Isotherm Compact SP (Self Pumping) Refrigeration & Freezer Systems

**Isotherm Compact SP 2051**



- Evaporator: Small "O"
- Max box volume fridge: 4.4 cu. ft.
- Max box volume freezer: 1.4 cu. ft.

**Isotherm Compact SP 2050**



- Evaporator: Large "L"
- Max box volume fridge: 4.4 cu. ft.
- Max box volume freezer: 1.4 cu. ft.

**Isotherm Compact SP 2351**



- Evaporator: Medium "O"
- Max box volume fridge: 5.3 cu. ft.
- Max box volume freezer: 1.7 cu. ft.

**Isotherm Compact SP 2055**



- Evaporator: Small Flat
- Max box volume fridge: 2.1 cu. ft.
- Max box volume freezer: 0.7 cu. ft.

**Isotherm Compact SP 2551**



- Evaporator: Large "O"
- Max box volume fridge: 7.1 cu. ft.
- Max box volume freezer: 2.3 cu. ft.

**Isotherm Compact SP 2057**



- Evaporator: Small "L"
- Max box volume fridge: 3.5 cu. ft.
- Max box volume freezer: 1.1 cu. ft.



**Isotherm Compact SP 2553**



- Evaporator: Flat
- Max box volume fridge: 6 cu. ft.
- Max box volume freezer: 1.9 cu. ft.

**Isotherm Compact SP 2556**



- Evaporator: Large Flat
- Max box volume fridge: 14.1 cu. ft.
- Max box volume freezer: 4.9 cu. ft.

**Isotherm Compact SP 2554**



- Evaporator: Flat
- Max box volume fridge: 7 cu. ft.
- Max box volume freezer: 2.3 cu. ft.

**Isotherm Compact SP 2555**



- Evaporator: Flat
- Max box volume fridge: 9.2 cu. ft.
- Max box volume freezer: 3.1 cu. ft.



# Isotherm Compact Magnum Seawater Pump Refrigeration & Freezer Systems

**Isotherm Compact Magnum 2505**



- Evaporator: Large "O"
- Max box volume fridge: 7 cu. ft.
- Max box volume freezer: 2.3 cu. ft.

**Isotherm Compact Magnum 2513**



- Evaporator: Large "L"
- Max box volume fridge: 4.4 cu. ft.
- Max box volume freezer: 1.4 cu. ft.

**Isotherm Compact Magnum 2511**



- Evaporator: Flat
- Max box volume fridge: 6 cu. ft.
- Max box volume freezer: 1.9 cu. ft.

**Isotherm Classic Magnum 2507**



- Evaporator: Large Flat
- Max box volume fridge: 14.1 cu. ft.
- Max box volume freezer: 4.9 cu. ft.

**Isotherm Compact Magnum 2512**



- Evaporator: Flat
- Max box volume fridge: 7 cu. ft.
- Max box volume freezer: 2.3 cu. ft.

**Isotherm Compact Magnum 2509**



- Evaporator: Jumbo Flat
- Max box volume fridge: 17.6 cu. ft.
- Max box volume freezer: 6.1 cu. ft.



### Isotherm Compact Magnum 2607



- Evaporator: Large Flat
- Max box volume fridge: 15 cu. ft.
- Max box volume freezer: 5 cu. ft.

### Isotherm Compact Magnum 2609



- Evaporator: Jumbo Flat
- Max box volume fridge: 21.1 cu. ft.
- Max box volume freezer: 7 cu. ft.



# Isotherm ASU Holding Plate Refrigeration Systems (Automatic Start Up)

## Isotherm ASU 3201 Air-cooled



- Small Holding Plate
- 11.8 x 8.25 x 2.4 inches.
- Max box volume fridge: 4.4 cu. ft

## Isotherm ASU 3701 Air-cooled ASU



- Medium Holding Plate
- 14 x 11 x 2.4 inches.
- Max box volume fridge: 7 cu. ft

## Isotherm 3251 SP Water-cooled Thru-hull



- Small Holding Plate
- 11.8 x 8.25 x 2.4 inches.
- Max box volume fridge: 4.4 cu. ft

## Isotherm 3751 SP Water-cooled Thru-hull



- Medium Holding Plate
- 14 x 11 x 2.4 inches.
- Max box volume fridge: 7 cu. ft

## Isotherm ASU 4201 Water-cooled – MAGNUM



- Medium Holding Plate
- 14 x 11 x 2.4 inches.
- Max box volume fridge: 7 cu. ft

## Isotherm ASU 4701 Water-cooled – MAGNUM



- Large Holding Plate
- 15.7 x 12.6 x 3.6 inches.
- Max box volume fridge: 8.5 cu. ft





**Technical Data:**

Type	Maximum Volume (Cu. Ft)	Dimensions Holding Plate L x W x H (inches)	Dimensions Compressor L x W x H (inches)	Weight (Pounds)	Amps Power Consumption* max / hourly	Compressor Type	Temperature Range**
<b>Air-cooled ASU Holding Plate Systems</b>							
3201	4.4	12 x 8 x 2.4	11 x 6 x 6	31	5 / 0.4	BD35F	Fridge
3701	7.1	14 x 11 x 2.4	12 x 6 x 6	35	6 / 0.6	BD50F	Fridge
<b>Sea water-cooled ASU SP thru-hull Holding Plate Systems</b>							
3251 SP	4.4	12 x 8 x 2.4	8 x 5 x 6	33	5 / 0.4	BD35F	Fridge
3751 SP	7.1	14 x 11 x 2.4	8 x 5 x 6	37	6 / 0.5	BD50F	Fridge
<b>Sea water-cooled ASU MAGNUM water pump Holding Plate Systems</b>							
4201	7.1	14 x 11 x 2.4	15 x 8 x 7	42	6.5 / 0.9	BD50F	Fridge
4701	8.5	14 x 11 x 3.6	15 x 8 x 7	51	6.5 / 1	BD50F	Fridge
4901	14.1	21 x 13 x 5	17 x 9 x 7	71	10.5 / 1.6	BD80F	Fridge
5301	9.2	14 x 11 x 3.6	21 x 9 x 7	60	10.5 / 1.3	BD50Fx2	Fridge
5801	11.5	16 x 13 x 3.6	21 x 9 x 7	66	10.5 / 1.4	BD50Fx2	Fridge

**Isotherm ASU 4901 Water-cooled – MAGNUM**



\* Power consumption in operation (12 volt) with 42°F in the refrigeration space, with ambient/water temperature of +22°C and medium sized insulation;

\*\* Refrigerator temperatures from mid-30's to mid-40's are proper refrigerator temperatures. Temperatures at holding plate get down to 14 degrees Fahrenheit. Reduce the box volume by 10-20 %, in tropical conditions. ASU freezer systems available by special order. Call for more information. Specification changes may be made without prior notice.

- ASU 4901
- XX - Large Holding Plate
- 21 x 13 x 5 inches..
- Max box volume freezer: 14.1 cu. ft.

**Isotherm ASU 5301 Water-cooled – MAGNUM**



- Large Holding Plate
- 14 x 11 x 3.6 inches.
- Max box volume fridge: 9.2 cu. ft

**Isotherm ASU 5801 Water-cooled – MAGNUM**



- X - Large Holding Plate
- 16 x 13 x 3.6 inches.
- Max box volume fridge: 11.5 cu. ft

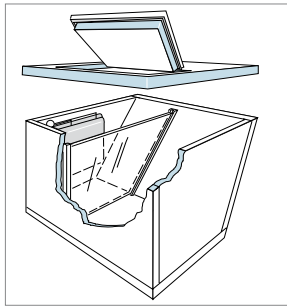


# Build your own cooling box!

## Basics on building a refrigeration box in your boat.

Most boats have one thing in common: They have very few right angles or regular shaped compartments. This makes it difficult at times to install a pre-configured refrigerator or freezer.

But there is no need to despair! Indel Webasto Marine offers help for building a "do-it-yourself" refrigeration or freezer box.



Indel Webasto Marine offers a flat-pack set of ready-cut insulated panels to help build a customized box. The panels are covered on both sides with 0.1 inches thick food grade plastic laminate and have 1.8 inches thick closed cell foam insulation in between. They are easy to cut and glue together using a polyurethane sealant or mould resistant silicone resulting in joints that are leak-proof but not totally inflexible.



Type: SCD00001AA Kit (three panels 38.5 x 18.8 x 2 in. each)

The kit consists of three insulation panels measuring 39 x 19 x 2 inches, cover strips for the edges of the lid as well as a user-friendly instruction manual.

Cooling evaporators are available in a number of designs: the O-shaped serves for freezer compartments but requires slightly more space. The L- and flat-shaped can be bent to fit the box. These require less space and produce a slightly more even temperature distribution in the box, but do not have a freezer compartment. The evaporators can be fitted in any position. They are delivered with 6 feet pipes, have quick-couplings and require an installation opening of not more than  $\varnothing$  1.2 inches in the refrigerator wall. The desired temperature is adjusted with a thermostat. A time-saving mounting bracket with click-on locking is available for Compact CLASSIC as an option and included as standard in the SP models. A cooling and ventilation fan is fitted to all our air-cooled models for highest efficiency.

## Freezers: Selecting the right evaporator

Isotherm Large and Jumbo evaporators have an extra large freezing surface that can be bent so that cooling energy can be radiated from more than one side. The Isotherm ASU Magnum model is available with a special order holding plate suitable for a freezer and adjustable to 0° F, but because the cold radiates from a compact holding plate they are not as efficient as an evaporator when used in a freezer environment.

To achieve stable freezing temperatures within the box, we recommend the powerful Large or Jumbo evaporators. To determine the ideal size of evaporator for your boat, divide the recommended refrigerator maximum volume by three. For use as a freezer, an extra freezer thermostat kit has to be ordered. The size of evaporator should be chosen commensurate with the volume of the box and quality of the insulation. The evaporator, which is made of malleable aluminium enabling it to be shaped to perfectly fit the inside of the box, is available for freezers of up to 6 cubic feet.

As a rule of thumb, temperatures between zero and 10 degrees Fahrenheit will keep foods fresh for up to 12 months. Temps in the teens will keep food fresh up to 2 months. Temperatures in the twenties will keep ice frozen but should not be used for storing fresh foods for more than one or two weeks.





**Cooling Units Accessories:**

Picture	Order Number	Description
	SEH00004HA	Power pack 110/240V AC 47/63 Hz IN, 24V DC 4.2 A OUT for BD35F/BD50F
	SEC00003DA	Internal light kit 12-24V
	SBE00004AA	Air hose adapter kit Ø 4 inches (l = 59 inches)
	SGE00012AA	"Click-on" bracket for an easy compressor' installation
	SEA00076DA	High speed Thermostat kit for freezers
	SBD00031AA	Extension tube with couplings (l = 3 feet)
	SBD00032AA	Extension tube with couplings (l = 7 feet)
	SBD00033AA	Extension tube with couplings (l = 10 feet)
	SBE00006AA	Zinc anode for sea water-cooled SP units
	SBE00008AA	Zinc anode, 3/8", for sea water-cooled MAGNUM units

\* Included in SP, option for air-cooled units and does not fit Magnum models.

Picture	Order Number	Description
	SGC00005AA	Evaporator door O-SMALL
	SGC00004AA	Evaporator door O-MEDIUM
	SGC00003AA	Evaporator door O-BIG
	SEA00004DA	Double thermostat kit, 10° to -20° C
	SFD00008AA	Skin fitting valve kit for SP units
	SBE00071CA	Air circulation fan
	SGC00152AA	Foldable bottle rack
		The ASU system is controlled from a special control panel. Switch to 'Normal/Auto' and this unique system operates in fully-automatic mode maintaining the correct temperature at an absolute minimum battery load. If battery power management is not vital – as when connected to shore-power or running on solar panels - the 'Man/Temp' mode can be selected and temperature adjusted manually by turning the dial on the panel.
		Isotherm ASU is delivered as a complete do-it-yourself kit. Everything is pre-filled and ready-to-go. The cold-holding plate and compressor are connected together by quick-fit couplings that can be connected and disconnected at will. This allows us to thoroughly test all units during production ensuring the highest possible quality. Cables and connectors are of telephone-type.



A practical click-on mounting bracket suitable for horizontal or vertical mounting is included in all models except the AC/DC and the Magnum models.

Fasten the bracket and lift the compressor into place.

'Click!' The compressor locks onto the bracket without adjustments or tools.



# CUSTOM DESIGN REFRIGERATORS AND FREEZERS



Customized solutions  
to fit any size, shape  
and demand!

Indel Webasto Marine offers customized refrigeration and freezer solutions to meet customer needs even on very complex projects. Custom projects are created in close cooperation between the boat builder and Indel Webasto Marine to manufacture innovative solutions that meet customer requirements and save production costs. Indel Webasto Marine conducts a complete study to determine the best solution which fits both economic and technical constraints. Please contact us for more detailed information.

## Product Specifications:

- Completely tailored solutions
- Overall compatibility with the boat's interior design
- The custom-built approach in the product study assures an easy installation of the unit as well as an excellent effect on board
- Production technology is chosen according to the customer's request (small quantity, glass fiber boxes, high quantity, rotomoulding technology)

# ON BOARD SAFES

Boat owners using sophisticated and expensive, most technical equipment, create a higher demand for security on board. On board safes ensure on board security. The Isotherm safes are available in two sizes. The larger model (Safe 30) is big enough to store a laptop computer. The smaller model fits to store smaller size electronics.



- 1 Extra thick stainless steel AISI 304 of 0.2 mm
- 2 Three independent locking systems (code number, mechanical, electronic key)
- 3 Robust design
- 4 Mounting bracket kit
- 5 Plenty of space inside

## Overview: On Board Safes

Article number	Type	Dimensions H x L x W (inches)	Weight (Pounds)
7010000A00000	Safe 10	6 x 12 x 9	15
7030000A00000	Safe 30	9 x 17 x 14	42



# AIR HEAT EXCHANGERS



- 1 Four outlets with  $\varnothing$  0,1 inches
- 2 The air intake can be canalised with hose adapters
- 3 Fan speed regulation
- 4 12/24V versions available
- 5 Casing in stainless steel
- 6 High heat output of 10 kW
- 7 High temperature resistant components



# MARINE WATER HEATERS



- 1 Rugged design
- 2 Water tank is 316-grade stainless steel
- 3 External cover is 304-grade stainless steel
- 4 Stainless steel mounting brackets encircle the tank for deck or bulkhead installations.
- 5 Thermostat-controlled mixing valve comes standard on all Isotemp water heaters

5 year limited warranty  
on the inner tank against  
corrosion or material stress!



## Product Specifications:

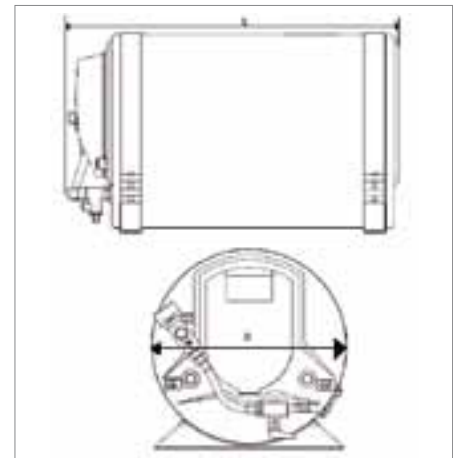
- Extra long, corrugated heat exchanger coils for high heat exchange efficiency
- Special 7.0 bar/100 psi safety valve makes winterization easy with a simple valve turn.
- Ultra-thick insulation for lowest temperature loss
- Electrical plug and play in both 1
- Nickle plated immersion heating element for long life is positioned to heat colder water at the bottom of the tank
- Thermostat controlled mixing valve extends volume of hot water and protects against accidental scalding.
- Optional immersion heating element available in 1200, 2000, and 3000 watts.



**Isotemp Stainless Steel Marine Water Heaters** are specifically designed for use in the demanding marine environment. Each unit is built using the highest quality components to ensure superior product performance. Isotemp marine water heaters are very rugged, designed to last for years of trouble-free service. Thanks to the Isotemp reputation for dependability, long life and handsome design, Isotemp marine water heaters add value to every installation.

Unlike common aluminum-core water heaters, the Isotemp marine water heater features brushed stainless steel cover as well as 316-grade acid resistant stainless steel inner tank that is backed by a 5-year limited warranty. Isotemp achieves the highest capacity by optimized positioning of the engine water heat exchanger as well as the electrical immersion heater. They are positioned in the lowest part of the tank where the water is coldest in order to ensure an equal heating of all the water in the tank. The water inlets and outlets are specially designed to minimize the mixture of cold and hot water.

Water is heated to 160+ degrees with just the electric heating element alone. With the engine heat exchanger, water can be heated to 190+ degrees. The innovative thermostat-controlled mixing valve mixes ships water with the hot water to deliver the temperature you want at the faucet. This mixing action speeds recovery time and extends the volume of hot water you get from a smaller tank.



### Overview: Marine Water Heaters

Part number	Model	Volume (Gallons)	Dimension* L x ØD (inches)	Weight (Pounds)	Max. pressure (bar)	Immersion heater**
601531S000003	Slim 15	4	20 x 12	23	7.0	115 V / 750 W
602031S000003	Slim 20	5.3	25 x 12	25	7.0	115 V / 750 W
602531S000003	Slim 25	6.5	30 x 12	30	7.0	115 V / 750 W
602431B000003	Basic 24	6.4	19 x 16	31	7.0	115 V / 750 W
603031B000003	Basic 30	8	21 x 16	37	7.0	115 V / 750 W
604031B000003	Basic 40	11	25 x 16	44	7.0	115 V / 750 W
605031B000003	Basic 50	13	30 x 16	51	7.0	115 V / 750 W
607531B000003	Basic 75	20	41 x 16	64	7.0	115 V / 750 W
<b>Square</b>			<b>Dimension* L x ØD x W (inches)</b>			
601631Q000003	Square 16	4.2	16 x 7 x 22	35	5.5	115 V / 750 W
<b>Double coil</b>			<b>Dimension* L x ØD (inches)</b>			
604031BDT0003	Basic 40 TCT	11	25 x 16	45	7.0	115V/750 W
607531BDT0003	Basic 75 TCT	20	41 x 16	65	7.0	115V/750 W

\* Including thermostat mixing valve; \*\* Immersion heater 230 V/750 W also available. Material: Tank, engine water coil and all connections AISI 316; Outside cover and mounting feet: AISI 304; Electric immersion heater: Copper covered by Nickel; Insulation: Polyurethane; Water connections: 1/2" inside and outside NPT and BSP pipe thread. Changes of the specification may be done without prior notice.

\*\* The stainless steel outside cover as well as the mounting feet are made of non magnetic stainless steel AISI 304. The Basic 40 and 75 liters water heaters are also available in a special version with double engine water coils for connection to the engine as well as to water based on board heater system.



# Indel Webasto Marine – Some Reference Applications On Board Leading Boat Builders



DRAWER 65 INOX



CRUISE 200 customized with wooden panels



CRUISE 130 INOX



CRUISE 49 INOX



CRUISE 36 Black



Special design



CRUISE 195



Side by side installation of the CR 130 fridge and the CR 90 freezer

# One experienced partner for reliable comfort

**Webasto**  
*Marine Comfort*



**Established in 1901** and headquartered near Munich, Webasto AG is still owned by the founding family. With the experience and the know-how of a long company history, Webasto has developed into **one of the leading suppliers** for comfort on any vehicle or vessel. Over this period, Webasto continuously enlarged its product portfolio to reach the unique position of being able to deliver **complete solutions for heating, cooling, as well as light and fresh air on board.**



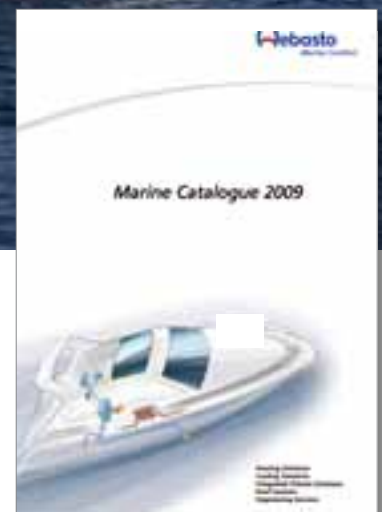
Heaters



Air conditioners

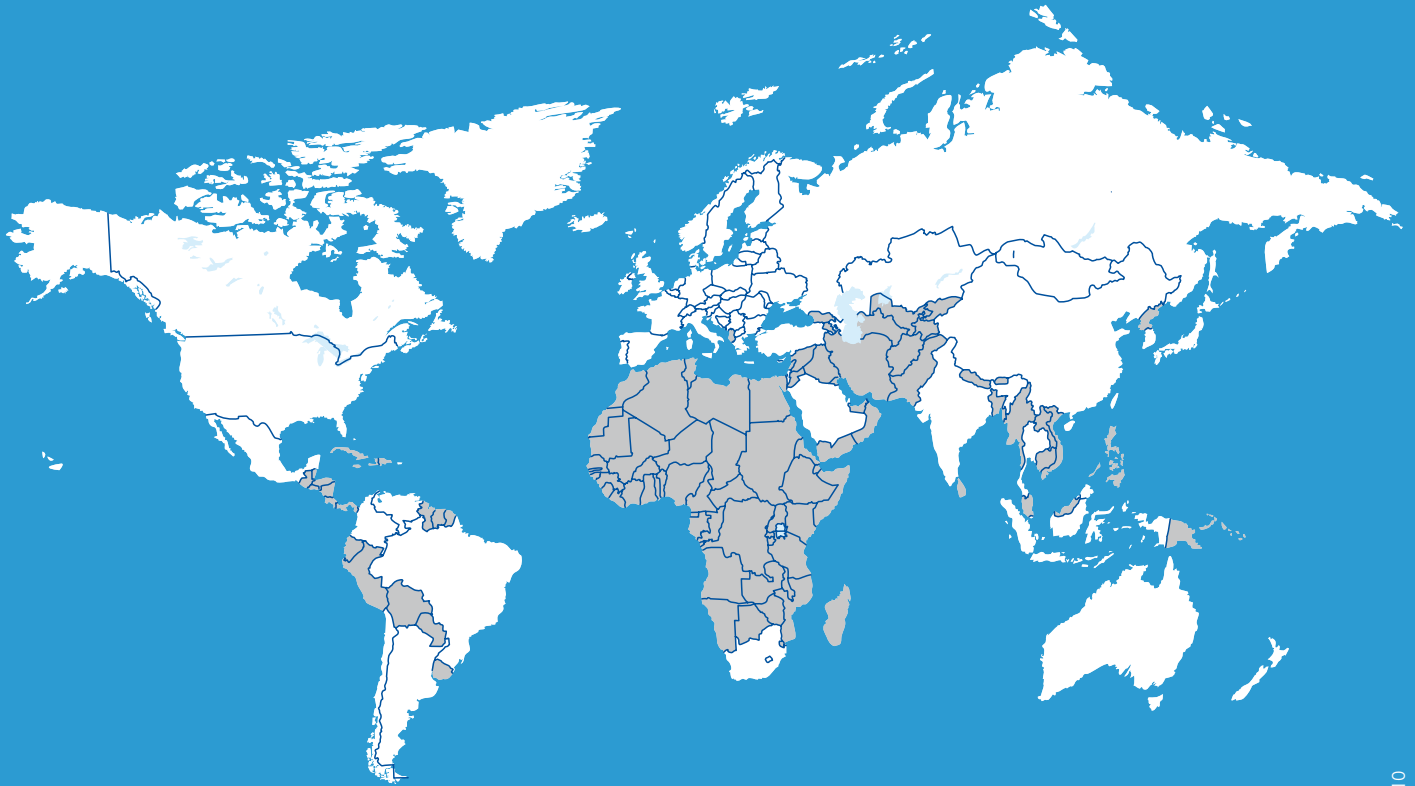


Roofs



[www.webasto-marine.com](http://www.webasto-marine.com)

# Indel Webasto Marine – Presence all over the world!



Indel Webasto Marine is the successful Joint Venture of Italian based IndelB and Germany based Webasto. These two companies join forces to bring high quality solutions enhancing comfort in galley equipment for Marine applications and to provide excellent customer service in all key boating areas.

Our global dealer support network ensures local expertise for all our customers. For more information, please visit our website [www.indelwebastomarine.com](http://www.indelwebastomarine.com).

**Indel Webasto Marine USA**  
**3400 Gateway Drive, Unit 107**  
**Pompano Beach, FL 33069**  
**Phone: (800) 422-9711**  
**[www.indelwebastomarineusa.com](http://www.indelwebastomarineusa.com)**  
**Email : [info@indelwebastomarineusa.com](mailto:info@indelwebastomarineusa.com)**