

# Fisherbrand Isotemp Laboratory Refrigerators

Reliable Sample Storage and Protection



# Meet Your Everyday Laboratory Needs



**Fisherbrand™ Isotemp™** General Purpose Laboratory and Chromatography Refrigerators are designed for basic laboratory use and meet the requirements for day-to-day operation in research, clinical, and industrial laboratories for storing reagents, media, proteins, and samples.

Isotemp refrigerators are built with the security and quality features you have come to expect from Fisherbrand products.

- Keyed door locks
- Audible and visual alarms for temperature, power failure, and door ajar\*
- U.S. EPA ENERGY STAR™ and UL (U.S.) certified
- Natural “green” refrigerants
- **Warranty:** Two years for parts and labor plus three years for the compressor

## Other Specifications:

- Temperature range: 2° to 10°C (5°C factory setpoint)
- Whisper-quiet (51dBA or lower)
- Adaptive defrost
- Digital controller
- Low heat output
- Power failure alarm with battery backup
- Reduced compressor cycle time for better reliability
- Made in the U.S. in a zero-waste-to-landfill facility

\*Does not apply to models with sliding doors.

# Ordering Information

Fisherbrand Isotemp General Purpose Laboratory Refrigerators are available in a range of cabinet sizes (from 12 to 72 cu. ft.).

## They also feature:

- Your choice of double-pane glass or solid doors
- Your choice of a white painted exterior/interior or gray exterior with stainless-steel interior
- LED interior lighting
- Single, rear-access port



Cat. No.	Capacity	Door Type (Number)	Color (Exterior/Interior)	No. of Shelves	Exterior Dimensions (H x W x D)	Shipping Weight
FBG12RPGA	12 cu. ft. (339L)	Glass (1)	White/White	4	75.8 x 24.75 x 25 in. (193 x 63 x 64cm)	230 lb. (105kg)
FBG25RPGA	23 cu. ft. (651L)	Glass (1)	White/White	4	81 x 27.75 x 32 in. (206 x 71 x 81cm)	392 lb. (178kg)
FBG30RPGA	27 cu. ft. (764L)	Glass (1)	White/White	4	81 x 30.75 x 32 in. (206 x 78 x 81cm)	386 lb. (175kg)
FBG45RPLA	45 cu. ft. (1274L)	Sliding Glass (2)	White/White	8	81 x 52.7 x 32 in. (206 x 134 x 81cm)	561 lb. (255kg)
FBG49RPGA	49 cu. ft. (1387L)	Glass (2)	White/White	8	81 x 52.7 x 32 in. (206 x 134 x 81cm)	597 lb. (271kg)
FBG72RPGA	72 cu. ft. (2038L)	Glass (3)	White/White	12	81 x 75.7 x 32 in. (206 x 192 x 81cm)	733 lb. (332kg)
FBG25RPSA	23 cu. ft. (651L)	Solid (1)	White/White	4	81 x 27.75 x 32 in. (206 x 71 x 81cm)	392 lb. (178kg)
FBG30RPSA	27 cu. ft. (764L)	Solid (1)	White/White	4	81 x 30.75 x 32 in. (206 x 78 x 81cm)	386 lb. (175kg)
FBG49RPSA	49 cu. ft. (1387L)	Solid (2)	White/White	8	81 x 52.7 x 32 in. (206 x 134 x 81cm)	597 lb. (271kg)
FBG25RSGA	23 cu. ft. (651L)	Glass (1)	Gray/Stainless Steel	4	81 x 27.75 x 32 in. (206 x 71 x 81cm)	392 lb. (178kg)
FBG30RSGA	27 cu. ft. (764L)	Glass (1)	Gray/Stainless Steel	4	81 x 30.75 x 32 in. (206 x 78 x 81cm)	386 lb. (175kg)
FBG45RSLA	45 cu. ft. (1274L)	Sliding Glass (2)	Gray/Stainless Steel	8	81 x 52.7 x 32 in. (206 x 134 x 81cm)	561 lb. (255kg)
FBG49RSGA	49 cu. ft. (1387L)	Glass (2)	Gray/Stainless Steel	8	81 x 52.7 x 32 in. (206 x 134 x 81cm)	597 lb. (271kg)
FBG72RSGA	72 cu. ft. (2038L)	Glass (3)	Gray/Stainless Steel	12	81 x 75.7 x 32 in. (206 x 192 x 81cm)	733 lb. (332kg)
FBG25RSSA	23 cu. ft. (651L)	Solid (1)	Gray/Stainless Steel	4	81 x 27.75 x 32 in. (206 x 71 x 81cm)	392 lb. (178kg)
FBG30RSSA	27 cu. ft. (764L)	Solid (1)	Gray/Stainless Steel	4	81 x 30.75 x 32 in. (206 x 78 x 81cm)	386 lb. (175kg)
FBG49RSSA	49 cu. ft. (1387L)	Solid (2)	Gray/Stainless Steel	8	81 x 52.7 x 32 in. (206 x 134 x 81cm)	597 lb. (271kg)

Fisherbrand Isotemp Chromatography Refrigerators are available in sizes from 30 to 72 cu. ft.

## They also feature:

- A hydrocarbon safety sensor protected interior duplex outlet
- Double-pane glass doors
- LED interior lighting
- Your choice of white painted interior and exterior or stainless-steel interior and gray exterior
- Single, rear-access port, two 2 in. side-access ports



Cat. No.	Capacity	Door Type (Number)	Color (Exterior/Interior)	No. of Shelves	Exterior Dimensions (H x W x D)	Shipping Weight
FBG30CPGA	27 cu. ft. (764L)	Glass (1)	White/White	4 (3)	81 x 30.75 x 32 in. (206 x 78 x 81cm)	386 lb. (175kg)
FBG45CPLA	45 cu. ft. (1274L)	Sliding Glass (2)	White/White	8 (2)	81 x 52.7 x 32 in. (206 x 134 x 81cm)	561 lb. (255kg)
FBG49CPGA	49 cu. ft. (1387L)	Glass (2)	White/White	8 (2)	81 x 52.7 x 32 in. (206 x 134 x 81cm)	597 lb. (271kg)
FBG72CPGA	72 cu. ft. (2038L)	Glass (3)	White/White	12 (2)	81 x 75.7 x 32 in. (206 x 192 x 81cm)	733 lb. (332kg)
FBG30CSGA	27 cu. ft. (764L)	Glass (1)	Gray/Stainless Steel	4 (3)	81 x 30.75 x 32 in. (206 x 78 x 81cm)	386 lb. (175kg)
FBG45CSLA	45 cu. ft. (1274L)	Sliding Glass (2)	Gray/Stainless Steel	8 (2)	81 x 52.7 x 32 in. (206 x 134 x 81cm)	561 lb. (255kg)
FBG49CSGA	49 cu. ft. (1387L)	Glass (2)	Gray/Stainless Steel	8 (2)	81 x 52.7 x 32 in. (206 x 134 x 81cm)	597 lb. (271kg)
FBG72CSGA	72 cu. ft. (2038L)	Glass (3)	Gray/Stainless Steel	12 (2)	81 x 75.7 x 32 in. (206 x 192 x 81cm)	733 lb. (332kg)

# Accessories

## General-Purpose Refrigerator Accessories

Shelves	12 cu. ft.	23 cu. ft.	27 cu. ft.	45 and 49 cu. ft.	72 cu. ft.
Full Shelf, White	7510TA	7511TA	AY2100X1	AY2095X2	AY2102X2
Full Shelf, Gray		7512TA	7513TA	AY2098X1	7514TA
Half Shelf, White			AY2020X2	7520TA	AY2102X1
Half Shelf, Gray			7518TA	7521TA	7522TA

Each shelf or half-shelf includes four mounting clips.

## Chart Recorders

Description	Cat. No.
7-Day Inkless Chart Recorder, 6 in. Diameter, Customer Installed	6383-7A
Replacement Chart Paper, 50 Charts/Pack	6184



**Fisherbrand™ Undercounter Refrigerators**



**Thermo Scientific™ Capitol Vial Snappies™ Human Milk Container System**



**Thermo Scientific™ Samco™ Clicktainer™ Vials and Specimen Containers**

### In the United States:

For customer service, call 1-800-640-0640

To fax an order, use 1-800-290-0290

To order online: [fisherhealthcare.com](http://fisherhealthcare.com)

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# Under-Counter Lab Refrigerators

Fisherbrand™ Under-Counter Lab Refrigerators are designed to meet the rigorous and demanding needs of healthcare, research, and industrial applications for the storage of breast milk, medication, cell culture media, analyzer kits, and reagents.

In place of traditional refrigeration methods, these refrigerators incorporate solid-state technology, which lets you maintain the most demanding storage conditions while also enjoying increased storage capacity. Both units have automatic defrost cycles, are ENERGY STAR™ certified, and use “green” refrigerants.

- Temperature range: +2°C to +9°C
- Capacity: 5.5 cu. ft. (156L)
- Noise level: 43dBA



Cat. No.	Description	Exterior Dimensions	Shipping Weight
FBG505SA	Solid Door	23.6 x 26 x 32 in.	128 lbs. (58kg)
FBG505GA	Glass Door	(60 x 66 x 81cm)	145 lbs. (66kg)

**In the United States:**

For customer service, call 1-800-640-0640  
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*fisherbrand*



# Fisherbrand Isotemp CO<sub>2</sub> Incubators

Value for Everyday Cell Culturing

# Choose an Incubator You Can Trust

Optimal cell growth and worry-free culturing are achieved with a reliable incubator. That's why our Fisherbrand™ Isotemp™ line of CO<sub>2</sub> incubators features the proven technologies and dependable quality that address your everyday cell culture needs with a reliable, easy-to-maintain growth environment. From the enhanced temperature stability of a water jacket to the easy cleaning of high-temperature decontamination, we have the right incubator for your samples.

## Isotemp CO<sub>2</sub> Incubator Features

- Units are stackable and feature stainless-steel interiors
- Gentle, fan-assisted air circulation for uniform chamber conditions
- Coved corners and removable shelves and supports make cleaning easy
- Easy-to-use controllers provide at-a-glance monitoring with visual and audible alarms
- Includes a two-year warranty on parts and labor

## Basic Guidelines for Selecting an Incubator

The type of incubator you use is just as important as the plates and media inside, so consider a few things before you buy:

### Chamber Types

Isotemp CO<sub>2</sub> Incubators are available in water-jacketed and direct heat configurations. Water-jacketed chambers provide outstanding temperature stability and enhanced protection from unexpected power outages with dual layers of water and insulation. Direct heat chambers are surrounded by high-performance heaters that create a uniform culture environment.

### CO<sub>2</sub> Sensor Types

Isotemp Incubators are available with a thermal conductivity (TC) or infrared (IR) sensor. TC sensors, our most common type, provide precise monitoring and a long, reliable service life with no consumable parts to replace. IR sensors operate independently of humidity and temperature, making them ideal for sensitive and remote monitoring applications.

### Protection Technologies

Isotemp Incubators offer a choice of proven technologies for contamination control. In-chamber HEPA filtration continuously filters the chamber air to protect your samples from airborne contaminants. An on-demand 90°C moist-heat high-temperature decontamination cycle is effective against a wide range of contaminants, including bacteria, molds, fungal spores and mycoplasma.

# Direct Heat CO<sub>2</sub> Incubators with Decontamination Cycle

## Easy to Use and Clean

Fisherbrand™ Isotemp™ Direct Heat CO<sub>2</sub> Incubators with high-temperature decontamination cycle combine ideal culturing conditions with simplicity and ease of use.

- On-demand 90°C moist-heat high-temperature decontamination cycle (no removal of components or sensors necessary)
- 5.3 cu. ft. (150L) stackable chamber with polished stainless-steel interior
- Easy-to-use, intuitive touchscreen provides at-a-glance monitoring with on-screen menu prompts, error logging and language selection
- Integrated humidity reservoir for rapid temperature recovery after door openings
- Built-in water level sensor to avoid dry outs



Incubator	CO <sub>2</sub> Sensor	Cat. No.
Isotemp CO <sub>2</sub> Incubator with Decontamination Cycle 150L Capacity, 120V, 50/60Hz	TC	11-676-604
	IR	11-676-605

Accessories	Cat. No.
Roller Base, Height: 7.3 in.	13-998-053
Stainless Steel Shelf Kit with Shelf and Support Rails	13-998-061



# Water-Jacketed and Direct Heat CO<sub>2</sub> Incubators

## Protection Through Prevention

Larger-capacity, easy-to-use Fisherbrand™ Isotemp™ Incubators with water-jacketed and direct heat chambers offer HEPA filtration, which scrubs contaminants from the air and provides continuous protection. They feature:

- Stackable 6.5 cu. ft. (184L) polished stainless-steel chambers
- In-chamber HEPA that filters the air every minute
- Easily removable shelves, supports, and humidity pan that simplify cleaning
- An LED controller that allows easy monitoring of temperature and CO<sub>2</sub> with control and alarm settings

The chamber of the water-jacketed incubator is surrounded by 12 gallons of conditioned water to provide enhanced temperature stability. In the event of a power outage, the temperature will not fall more than 1°C in an hour.



Incubators	CO <sub>2</sub> Sensor	Cat. No.
Isotemp Water-Jacketed CO <sub>2</sub> Incubator — HEPA Filtration, 184L Capacity, 115V, 50/60Hz	TC	11-676-600
	IR	11-676-601
Isotemp Direct Heat CO <sub>2</sub> Incubator — HEPA Filtration, 184L Capacity, 115V, 50/60Hz	TC	11-676-602
	IR	11-676-603

Accessories	Cat. No.
Stainless-Steel Shelf Kit with Shelf and Support Rails	15-497-016
Replacement HEPA Filter	15-497-022
Roller Base for Water-Jacketed Incubator, Height: 2.8 in.	15-497-018
Roller Base for Direct Heat Incubator, Height: 3 in.	15-497-027

# Additional Accessories

Description	Cat. No.
CO <sub>2</sub> Gas Regulator, Two-Stage with Barbed Connection and Shut-Off Valve	13-998-069
Automatic CO <sub>2</sub> Gas Tank Switching Module, External Mount, 120V/60 Hz	15-497-019

## Specifications

Cat. No.	11-676-600, 11-676-601	11-676-602, 11-676-603	11-676-604, 11-676-605
Description	Water Jacket, HEPA	Direct Heat, HEPA	Direct Heat, DECON
Chamber Capacity	184L (6.5 cu. ft.)	184L (6.5 cu. ft.)	150L (5.3 cu. ft.)
Internal Dimensions (W x H x D)	21.3 x 26.8 x 20 in.	21.3 x 26.8 x 20 in.	18.5 x 23.9 x 20.9 in.
External Dimensions (W x H x D)	26.3 x 39.5 x 25 in.	26.1 x 38.5 x 24.7 in.	25 x 34 x 30.2 in.
Operating Weight	166kg (365 lb.)	95.3kg (210 lb.)	70kg (154 lb.)
Shelf Dimensions	18.5 x 18.5 in.	18.5 x 18.5 in.	16.7 x 17.5 in.
No. of Shelves/Maximum	4/16	4/16	3/10
Access Port	Standard	Standard	Standard
Temperature Range	Ambient + 5°C to 50°C	Ambient + 5°C to 50°C	Ambient + 3°C to 55°C
Temperature Control	±0.1°C	±0.1°C	±0.1°C
Temperature Uniformity	±0.2°C	±0.3°C	±0.5°C
Decontamination Cycle	N/A	N/A	Standard (90°C, 25 Hours)
CO <sub>2</sub> Sensor Range	1 – 20%	1 – 20%	1 – 20%
CO <sub>2</sub> Sensor Control	±0.1%	±0.1%	±0.1%
CO <sub>2</sub> Sensor Type	TC, IR	TC, IR	TC, IR
Humidity Source	Removable Pan (3L)	Removable Pan (3L)	Reservoir (No Pan, 3L)
Humidity Range	> 90% at 37°C	> 90% at 37°C	> 90% at 37°C
Display	LED	LED	Touchscreen
Voltage, Hertz	110V, 50/60Hz	110V, 50/60Hz	110V, 50/60Hz
Remote Alarm Contacts	Standard	Standard	Standard

**In the United States:**

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# Fisherbrand Isotemp CO<sub>2</sub> Incubators

Value for Everyday Cell Culture

## Choose a CO<sub>2</sub> Incubator You Can Trust

Fisherband™ Isotemp™ CO<sub>2</sub> incubators provide an ideal growth environment, simple touchscreen technology, and easy cleaning with decontamination.

### Features include:

- 150L stackable, polished interior chamber
- Established direct heat technology for a reliable, uniform culture environment
- Gentle, fan-assisted air circulation designed to ensure homogeneous conditions
- On-demand 90°C moist heat high temperature decontamination cycle that does not require the removal of components or sensors and is effective against a wide-range of contaminants (bacterial, mold, fungal spores, mycoplasma)
- Interactive, instinctive at-a-glance monitoring with touchscreen controller
- Integrated humidity reservoir for rapid recovery after a door opening
- Built-in water level sensor with prompts to help avoid dry-outs



At-a-glance performance monitoring featuring on-screen menu prompts, error logs, and multiple language selection

## Fisherbrand Isotemp CO<sub>2</sub> Incubators

### Ordering Information

Fisherbrand Isotemp CO <sub>2</sub> Incubators	
Description	Cat. No.
Fisherbrand Isotemp CO <sub>2</sub> incubator, stainless steel, 150L chamber with on-demand 90°C decontamination cycle and thermal conductivity (TC) CO <sub>2</sub> sensor technology, 120V, 50/60Hz	11-676-604
Fisherbrand Isotemp CO <sub>2</sub> incubator, stainless steel, 150L chamber with on-demand 90°C decontamination cycle and infrared (IR) CO <sub>2</sub> sensor technology, 120V, 50/60Hz	11-676-605



# Fisherbrand Isotemp CO<sub>2</sub> Incubators

## Specifications

Fisherbrand Isotemp CO <sub>2</sub> Incubators	
<b>Construction</b>	
Chamber Type	Direct Heat
Chamber Capacity	150L (5.3 cu. ft.)
Internal Dimensions (W x H x D)	47 x 60.7 x 53cm (18.5 x 23.9 x 20.9 in.)
External Dimensions (W x H x D)	63.7 x 86.7 x 76.6cm (25 x 34 x 30.2 in.)
Operating Weight	70kg/154 lb.
Shelf Dimensions	42.3 x 44.5cm (16.7 x 17.5 in)
Number Standard/Maximum	3/10
Access Port	Standard
<b>Temperature</b>	
Range	0.3°C above ambient to 55°C
Control	±0.1°C
Uniformity	±0.5°C
<b>CO<sub>2</sub></b>	
Range	1-20%
Control	±0.1%
Type	TC or IR
<b>Humidity</b>	
Type/Source	3L pan-less reservoir
Range	>90% at 37°C
<b>High-Temperature Decontamination</b>	
On-Demand High-Temperature Cycle	Standard
Cycle Temperature	90°C
Cycle Length	25 hr
<b>Electrical</b>	
Display Type	Touchscreen
Voltage/Frequency	120V, 50/60Hz
Alarm Contacts	Standard
Data Output	RS232

Learn more at [fisherhealthcare.com](http://fisherhealthcare.com)

### In the United States:

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