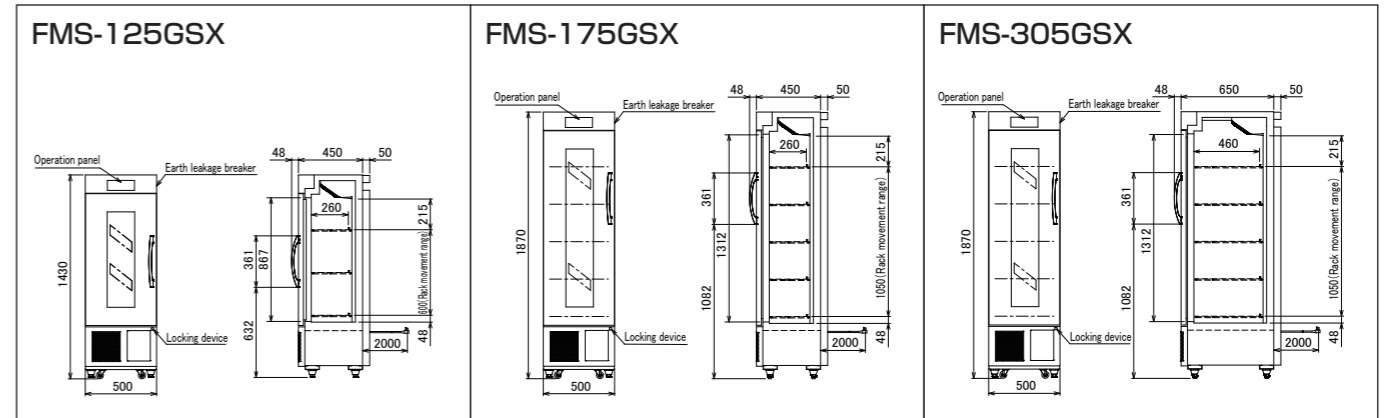


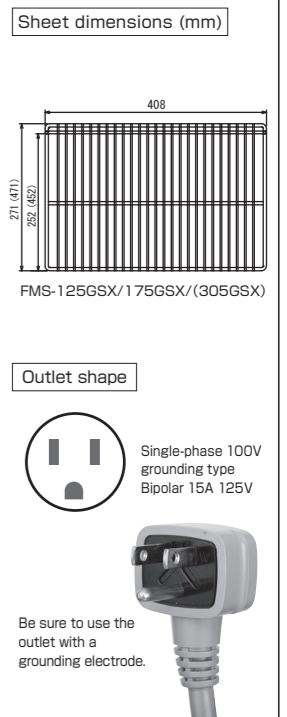
Eco-friendly non-fluorocarbon refrigerant is used.
The EC(Eco Control)mode for wide set temperature range or
The HC(High Control)mode for high-accuracy temperature control can be selected.



Specifications



Model name		FMS-125GSX	FMS-175GSX	FMS-305GSX
Size	Outer shape (mm) (width x depth x height)	500x450(548)x1430	500x450(548)x1870	500x650(748)x1870
	Inner shape (mm) (width x depth x height)	420x285x897	420x285x1347	420x485x1347
Effective inner capacity (L)		121L	179L	303L
Product weight (kg)		64kg	76kg	88kg
Material	Exterior	Coated steel plate		
	Interior	Coated steel plate, collar steel plate		
	Door	Surface:coated steel plate, rear face:coated steel plate Special double glass Magnet type 1 door		
	Insulator	Hard polyurethane integrated foam		
Set temperature range		EC mode: 2 to 25°C / HC mode: 3 to 5°C		
Temperature fluctuation range		EC mode: 4°C (no load, ambient temperature -5 to 35°C) / HC mode: 2°C (no load, ambient temperature 1 to 30°C)		
Cooling system	Compressor nominal output	90W		
	Refrigerant control method	Capillary tube		
	Condenser	Wire tube type		
	Cooler	Forced ventilation type finned tube type		
	Refrigerant	R1234yf		
	Temperature control	Microcomputer control digital temperature indication		
Power	Defrosting method	Automatic detection type cycle defrost		
	Applicable breaker	Single-phase 100V 15A 50/60Hz		
	Applicable outlet	Grounding bipolar 15A 125V		
	Allowable voltage range (V)	90~110		
Electric properties	Cooling time (50/60Hz)	Operating current (A)	1.9/1.7	1.9/1.7
		Starting current (A)	16/16	16/16
	Warming time (low outdoor air temperature) (50/60Hz)	Operating current (A)	1.2/1.2	1.2/1.2
		Power consumption (W)	115/115	122/122
Using ambient environment (°C)		-5~35°C 80% RH or lower		
Radiation amount (50/60Hz)		265/280W	290/315W	300/300W
Caster		Four swivel casters		
Accessories		3 sheets, key	5 sheets, key	
Alarm contents		High temperature, cold temperature, and door opening warning, filter inspection sign, etc.		



Precautions concerning facilities

The non-fluorocarbon products use flammable substances as refrigerant. Install the product in a place where the minimum installation floor area is secured to use the product safely even if the refrigerant leaks.



To ensure safety, Fukushima's products are compliant with the standards (*) of the Japan Refrigeration and Air Conditioning Industry Association.

*1 Japan Refrigeration and Air Conditioning Industry Association JRA4078
Safety function requirements in case of refrigerant leak of built-in type freezing-refrigerating equipment using flammable refrigerant

Validation support service

We prove and document the appropriateness of the quality of product performance at each stage of installation (IQ)/operation (OQ) and report it in writing. We provide support so that customers can use our products safely for a long term.



FUKUSHIMA GALILEI CO.LTD.

- ⚠ Safety precautions**
- The products shown in this leaflet are for indoor use. Please use and store the products in places not exposed to rainwater.
 - Read the "instruction manual" carefully before correct use of the product.
 - Specifications and appearances are subject to change without notice for reform.
 - The colors of products in this leaflet may be slightly different from the actual products due to print conditions.
 - The prices of all products listed in this leaflet do not include consumption tax.
 - "Precautions for use" label is affixed to products.
 - Download the catalogs and specifications from:
[URL https://www.galilei.co.jp](https://www.galilei.co.jp)

For inquiries about and ordering products made by Fukushima GALILEI Co. Ltd.

Head Office (Osaka)	Tel:81-6-6477-2011	2-6-18, Takeshima, Nishi Yodogawa-ku, Osaka, Japan
Higashi Nihon Office (Tokyo)	Tel:81-3-6361-1956	2-1-3, Bakuro-chou, Nihonbashi, Tokyo, Japan
FUKUSHIMA GALILEI (H.K.) CO., LTD.	Tel:852-2885-5679	Unit 903, 9/F, Westlands Centre, 20 Westlands Road, Quarry Bay, Hong Kong
FUKUSHIMA GALILEI SINGAPORE PTE.LTD.	Tel:65-6271-0460	1003 Bukit Merah Central #02-06 Singapore 159836
FUKUSHIMA GALILEI MALAYSIA SDN.BHD.	Tel:60-3-2181-1034	Lot 6.01, 6th Floor Wisma Central Box617 Jalan Ampang 50450 Kuala Lumpur, Malaysia
FUKUSHIMA GALILEI (THAILAND) CO.LTD.	Tel:66-2-2583-690	16 Asoko Court Gnd Fl., Room 2G, Sukhumvit 21 (Asoko) Rd.,Klongtoey-Nua, Wattana, Bangkok 10110
FUKUSHIMA GALILEI VIETNAM CO.LTD.	Tel:84-28-3933-3628	Floor 9, PVC Sai Gon, 11 Bis Nguyen Giu Thieu, Ward 6, District 3, HCMC, Vietnam
FUKUSHIMA GALILEI VIETNAM CO.LTD (HANOI BRANCH)	Tel:84-24-3755-6000	8F TID Centre Building, 4 Lieu Giai Street, Cong Vi Ward, Ba Dinh District, Hanoi Vietnam.
FUKUSHIMA GALILEI (SHANGHAI) CO.LTD.	Tel:86-21-6248-1512	Room A316.3th floor, No.658 Jinchang Road, Changning District, Shanghai 200335
FUKUSHIMA GALILEI TAIWAN CO., LTD.	Tel:886-2-2521-9810	Rm. 5, 12F, No. 112, Sec. 2, Zhongshan N. Rd., Zhongshan Dist., Taipei City 10449, Taiwan (R.O.C.)
FUKUSHIMA GALILEI MYANMAR CO.LTD.		No.(262), 12th Street Newe Kyar Yan 3 Quarter South Okkalapa Township, Yangon, Myanmar
GALILEI(THAILAND)CO.LTD.	Tel:66-22-583-690	60/105 Moo 3, Mabyangpurn Sub-District, Pluakdaeng District, Rayong 21140,Thailand
FUKUSHIMA GALILEI CAMBODIA CO.LTD.	Tel:855-92-407-957	Executive Room#2E6, The ICON Professional Building,216 Norodom Boulevard, Tonle Bassac,Chamkamon,Phnom Penh,Cambodia.
PT. FUKUSHIMA GALILEI INDONESIA	Tel:62-21-2709-5619	Ruko Wisteria 1 Lt.2 Jl. Panglima Polim No. 7A, MelawaiKec.Kebayoran Baru, Jakarta Selatan 12160,Indonesia
FUKUSHIMA GALILEI PHILIPPINE CORPORATION	Tel:63-917-679-0003	Unit 1715 One Park Drive 11th drive corner 9th Avenue, Bonifacio Global City Taguig City,Philippine



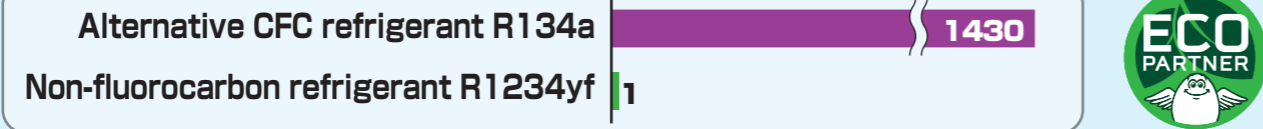
contact us

Features

Non-fluorocarbon refrigerant

The refrigerant is friendly to the global environment because it has low global warming potential. Also, the refrigerant does not fall within the scope of the Fluorocarbons Emission Control Act.

Comparison of global warming potential (GWP)



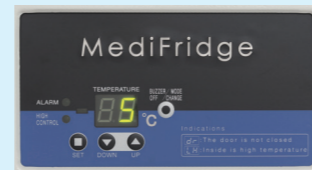
※The GWP numeric values are quoted from the Ministry of Economy, Trade and Industry Notification No. 54 and ISO5149-1.



Operating mode switching function

EC (Eco Control) mode

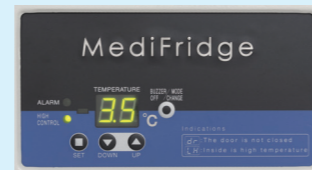
This mode allows a wide range of temperature setting from 2°C to 25°C. It allows the storage of not only cooling-requiring medicines but also ambient-temperature medicines.



EC (Eco Control) mode
Indicated by the unit of 1°C

HC (High Control) mode

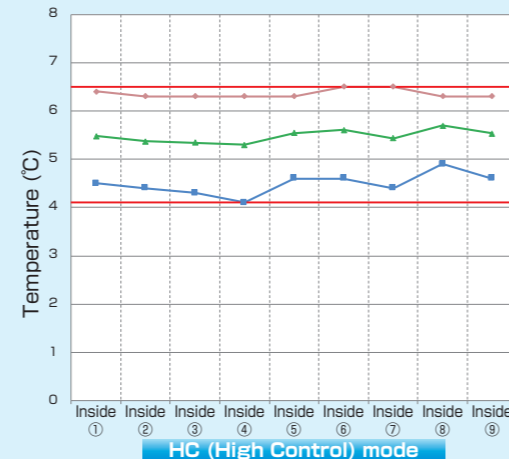
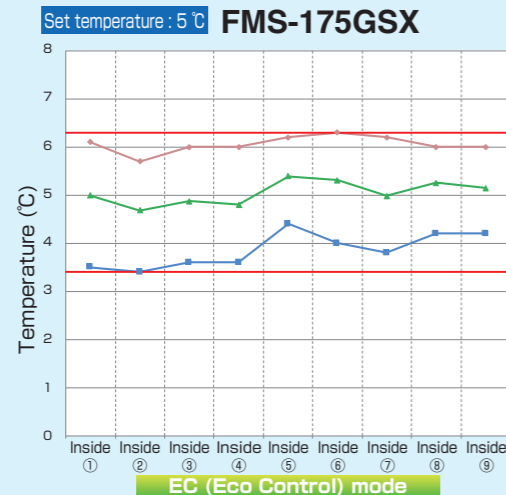
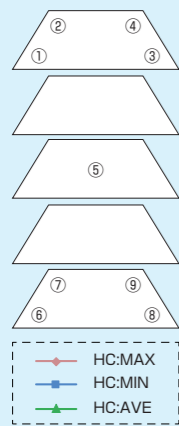
The set temperature can be selected from 3°C, 4°C, and 5°C.
 ● Temperature distribution (within ±1°C from the set temperature)
 ● This mode reduces temperature fluctuation range and achieves more stable inner temperature.



HC (High Control) mode
Indicates the temperature from 1°C to 7°C by the unit of 0.1°C.

This mode is optimal for storing medicines that require rigorous temperature control.

Measurement points



※ Measurement conditions: ambient temperature 30°C, humidity 60%, no load, air temperature measurement at 9 points inside medial cool box
 ※ Characteristic values may differ according to product, operation and set conditions.
 ※ Each data are measured based on criterion of our company.

Selectable color variations

The color of your choice can be selected from 6 color variations. In addition to the standard color (ivory), 6 colors (brown, pink, orange, yellow, green, and sky blue) are available. The color of your choice can be selected from the color variations.

Creating the space functionally

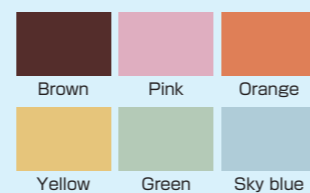
For total coordination of colors, the color of machine room panel and ceiling decoration part of the product can be selected according to internal appearance.

Zoning

Zoning by color makes recognition of each section easier. The use of color of the image that corresponds to the subject of medical treatment enables intuitive judgment and understanding.

Storage that can be recognized by reagents, chemicals and person in charge

The change of product colors by materials to be stored and persons in charge enables visual judgement and prevents mistake.



※The above shows reference colors. The reference colors may slightly differ from actual product colors.
 ※No additional cost is required if you have requested the color at the time of purchase.



Lineup



EC mode 2°C to 25°C
HC mode 3°C to 5°C

FMS-125GSX※1

Effective inner capacity
121L

Outside dimensions:W500×D450(548)×H1,430mm
Inside dimensions:W420×D285×H897mm

※1 Fall prevention measures are required.



EC mode 2°C to 25°C
HC mode 3°C to 5°C

FMS-175GSX※1

Effective inner capacity
179L

Outside dimensions:W500×D450(548)×H1,870mm
Inside dimensions:W420×D285×H1,347mm



EC mode 2°C to 25°C
HC mode 3°C to 5°C

FMS-305GSX

Effective inner capacity
303L

Outside dimensions:W500×D650(748)×H1,870mm
Inside dimensions:W420×D485×H1,347mm

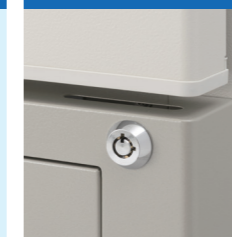
Standard equipment

Casters



Four swivel casters make carry-in and relocation easy.

Locking device



Individual key for each unit is used.

Wall fixing bracket



Take safety measures just in case

Option

Thermo recorder

The history of inner temperature can be automatically recorded. ※ Comes with one year's worth of recording paper (12 pieces). Recording range -10 to +44°C (recording accuracy ±2°C)



Light shield film

Shields ultraviolet and other light from the outside. Can be used for medicines that need to be stored in a cool and dark place.



Glassless

※No additional cost is required.



Right-hand-opening

Image of the MediFridge with the door opening to the right.

Safety box

Large-size type
Outside dimensions: W305×D214×H363mm
Weight:5.1kg
Miniature type
Outside dimensions: W255×D150×H215mm
Weight:3.0kg



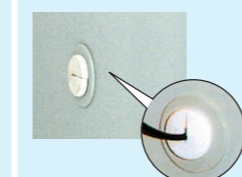
※Mounting brackets are separately required.

Temperature data logger



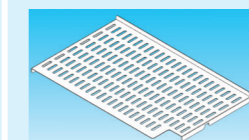
Measurement hole

The holes prevent a leakage of cold air when a sensor is inserted.



Punched plates

Optimal for putting small bottles.



Alarm contact

Racks (with a receiver)

FMS - 125GSX
175GSX
305GSX

Floor fixing bracket

Set of 2 pieces



Slide rack

The slide rack is convenient for loading and unloading chemicals and samples. (only for the two bottom deck)
 ※The slide racks can be installed only for FMS-175GSX and FMS-305GSX as an option.



Power outage warning buzzer kit

The cell battery type kit notifies power outage by buzzer if it occurs.