



Pharmacy

SOLUTIONS FOR INTEGRATED WORKFLOWS

A global brand

Founded in **1948**, the SMEG Group, an acronym for **Smalterie Metallurgiche Emiliane Guastalla**, is a proudly Italian company renowned for the responsible production of domestic and professional appliances that embody the perfect balance between **technology** and **design**, fully expressing the essence of **Made in Italy**.

Having consolidated its leadership in the **household appliances** sector, since 1985 the Group has expanded its expertise into the **professional field**. Through the brand **Smeg Instruments and FRIMED S.r.l.**, the Group operates in the **medical, pharmaceutical, laboratory and care sectors**, offering **technologically advanced solutions** for refrigeration, washing, disinfection and sterilization.

Made in Italy tailor-made solutions for hospitals

Thanks to its long and consolidated experience in the **in-house production** of technologies for the treatment of medical instruments, Smeg guarantees **high-standard performances**.

Smeg has **5 production facilities**, two of which, **FRIMED** and **Bonferraro**, are dedicated to this division. **Know-how, creativity and sophistication** are the hallmarks of Smeg's Italian spirit and its commitment to creating **professional appliances** that meet market demands.

Not only efficient products that address diverse washing and storage needs, but also **robust machines** with a sophisticated design that enhance the workplace environment.

Engineering excellence

Certified laboratories, through advanced material knowledge and cutting-edge technology, interpret the needs of industry professionals, developing products that deliver **durability, safety, flexibility of use and efficiency**.

Constant and **rigorous testing** throughout production ensures **total reliability**. Moreover, thanks to advanced interfaces and flexible programming solutions, every Smeg product meets multiple professional needs, ensuring **ease of use** and **smart resource management**.

Responsible production

Smeg is committed to **responsible manufacturing**, ensuring full compliance with international standards and adopting processes that minimise energy waste.

Sustainability guides every stage of its supply chain, from selecting **environmentally certified suppliers** to using **recyclable packaging** and favouring **low-impact transport**. Over the past decade, the company has significantly reduced **emissions, water consumption and material use**, while increasing **waste sorting and recycling**.

This approach reflects a broader vision: developing low-impact appliances supported by production methods that exceed **environmental protection requirements**.

Smeg Instruments products embody this commitment, combining high performance with low consumption and prioritising **maximum energy efficiency** to protect the environment and enhance quality of life.



Global assistance for local expertise

Supported by a **widespread technical service** network in Italy and worldwide, Smeg assists customers throughout the entire **product lifecycle**.

Commissioning and **staff training** are carried out by specialised personnel trained directly by Smeg, as is the **after-warranty service**.

The technical service centre provides **international training and support** through multilingual specialist teams. Choosing Smeg ensures access to **timely after-sales service, 24-hour spare parts delivery, and rapid problem resolution**.



Solutions for pharmacy refrigeration

Professional refrigeration is a key element in the safe and efficient handling of sensitive products, particularly in the **pharmaceutical industries** where **precision** and **reliability** are essential requirements. Smeg Instruments, which has always been synonymous with **innovation** and **quality**, presents a complete range of refrigeration solutions designed to meet the specific needs of these industries.

Each product is the result of **innovative design**, supported by the most advanced **temperature control** technology, to offer consistent performance and **safe storage** over time.

Controlled temperature storage

Refrigerators and dual temperature refrigerators

Controlled-temperature storage plays a crucial role in pharmacies, ensuring medications are kept under **optimal conditions**. Precise temperature management prevents degradation, preserves product integrity, and supports reliable clinical workflows. Smeg Instruments offers solutions designed to guarantee **thermal stability**, protect sensitive materials, and ensure **full compliance** with pharmaceutical standards.

Made in Italy

TAILOR-MADE SOLUTIONS FOR PHARMACIES

Smeg Instruments, with headquarters and production facilities located in the heart of **Italy**, has long represented excellence in **innovation, engineering expertise, and manufacturing quality**. Deeply rooted in Italian industrial tradition, the company combines advanced technology with meticulous attention to detail to deliver **reliable** and **high-performance** solutions.

From concept to production, every phase is managed with a focus on precision, customization, and long-term reliability, providing pharmaceutical professionals with dependable technologies tailored to their specific workflows and validation needs.



ACCURACY

Smeg Instruments refrigerators ensure **high precision** in temperature control, with an error margin as low as 0.1°C. This exceptional accuracy provides optimal conditions for the storage and handling of sensitive samples, meeting the strictest requirements in scientific and professional environments.



USABILITY

With advanced technology, the control system allows for **easy monitoring and precise control** of internal temperatures, while also displaying visual and audible alarms for timely adjustments to settings.



SAFETY

Smeg Instruments refrigerators are equipped with alarms and safety systems that ensure secure daily use. Built with **high-quality materials**, they are designed for **long-lasting durability**, providing reliable performance over time. These features make them ideal for professional environments where safety and longevity are essential.



TRACEABILITY

Smeg Instruments refrigerators are equipped with an integrated **data logger** and a **USB port** that allows for easy downloading of temperature and alarm data, ensuring complete traceability of data and information for accurate analysis.

Evolution line

The Evolution line of professional refrigeration equipment meets a wide range of needs for operators in the pharmaceutical sector, offering state-of-the-art solutions.

POSITIVE TEMPERATURE REFRIGERATORS

Smeg Instruments' single positive temperature refrigerators offer reliable solutions for storing sensitive materials that require **constant and controlled** temperatures.



DUAL TEMPERATURE REFRIGERATORS

Smeg Instruments' dual temperature refrigerators combine efficiency and versatility, allowing for the management of **two different temperatures** within the same unit.

The range is composed of dual positive temperature devices and dual positive and negative temperature devices.



PERFORMANCE AND CONTROL

- Temperature range from +2°C to +12°C
- High resolution 7" true color full touch screen graphic display with real-time temperature graph
- Integrated datalogger for process, temperature and alarm data record, download via USB port
- Optional 12 V backup battery for display and alarm acquisition up to 48h
- Optional +2°C safety thermostat in accordance with DIN 13277
- Optional pass-through hole for external temperature probe entry



ALARMS AND SAFETY

- Audible and visual alarm signalling
- 22 temperature and performance alarms, self-diagnostics warnings
- Key door lock - password-protected electronic lock optional



CONNECTIVITY AND DATA MANAGEMENT

- Wi-Fi connectivity as a standard for remote data control and access
- Cloud portal optional for data storage and monitoring, alarm notification and daily report
- USB port as standard for data download
- GSM module optional for immediate warning to the operator in case of malfunctioning via SMS



STRUCTURE AND MATERIALS

- Efficient self-closing insulated door
- Internal structure in Scotch Brite stainless steel
- Ecological polyurethane foam insulation, 60 mm thick



INTERIOR AND LIGHTING

- Full height vertical LED lighting for refrigerator compartment
- Interior configuration with height-adjustable shelves



COOLING SYSTEM

- Ventilated evaporator
- Automatic defrosting with condensate water evaporation



MOBILITY AND NOISE LEVEL

- 4 unidirectional wheels, pivoting wheels as optional
- Noise level <50 dB



ELECTRICAL SPECIFICATIONS

- Electrical connection 230V 50 Hz – 60 Hz version available
- Detachable power cable with Schuko plug (UK plug available)

Ultimate technology

Smeg Instruments' Evolution line represents **the ultimate in technology** and innovation in professional refrigeration for pharmacy sector. High-quality finishes and attention to detail make these refrigerators high-performance and accurate.

Featuring a distinctive design, this line is equipped with an **advanced digital display** that allows precise and immediate temperature control, with improved visibility thanks to its larger dimensions. **Simple and intuitive** to use, it allows precision adjustment and checking of the internal temperature and display of **alarms**, both **visual** and **acoustic**, for timely modification of current settings, guaranteeing efficiency and traceability.



Precision and control

Smeg Instruments refrigerators ensure high precision in temperature control, with an **error margin as low as 0.1°C**. This exceptional accuracy provides optimal conditions for the storage and handling of sensitive samples, meeting the strictest requirements in scientific and professional environments.

Parameters shown on the display

- Chamber temperature probes, evaporator, condenser and control probe
- Operating setpoint
- Control and monitoring temperature probe
- High temperature and low temperature limit
- On/off status of appliance and battery
- Battery voltage run-time
- Voltage and chamber light status
- Various alarms (e.g. temperature alarms, blackout alarm, high compressor use alarm, etc.)
- Refrigeration status (pause, cooling, defrost, etc.)



Energy savings

The new Smeg Instruments EVO refrigerators, equipped with new, next-generation displays, allow you to achieve top performance while minimising consumption, ensuring the strictest respect for environmental protection.

Led lighting that allows savings of up to 70% compared to conventional technologies.

Activation of smart parameters thanks to this automated function, the appliance calculates the ideal parameters for the greatest savings in terms of time and energy consumption.

Smeg cloud

Smeg Cloud is a cloud created specifically for connecting refrigerators to a mobile device or computer by Wi-Fi.

After logging in to the Smeg Cloud platform (optional for EVO models), users can consult and access the refrigerator control panel remotely.

VNC REMOTE CONTROL:

Virtual Network Computing is an application that enables users to control a unit and use it exactly as if they were in front of it.

Advantages:

- Allows the Service function to take control of the machine remotely and diagnose any problem without physical intervention.
- Allows end users to interface with a technician to solve simple problems, without the need for on-site intervention.

Data backups

Unit data are stored in the web cloud infrastructure for 10 years. Data can be downloaded directly from the unit at any time using the USB port.

Automatic report transmission

Users can opt to automatically send an e-mail with the periodic unit data report in PDF form to one or more e-mail addresses set by the user.

Evolution line

Positive temperature refrigerators

- internal capacity from 100 to 1400 litres
- n. 1 self-closing insulated double glass door (n. 2 for 1400 litres versions)
- solid door versions available
- safety door lock with key
- electronic lock – opening via password (optional)
- microprocessor electronic control
- real-time temperature graph that can be customized and always visible on the display
- precision datalogger with temperature data measurement and alarms up to 10 years, data sampling with frequency up to 30"
- n. 22 audible and visual alarms, including high and low temperature, open door, condenser cleaning, defective probes, power/backup battery failure, gas charge needed, etc
- USB port for downloading temperature and alarm data
- dry contact for remote alarm
- n. 4 temperature probes: n. 3 NTC for the temperature of cabinet, evaporator and condenser and n. 1 PT100 for controlling and alarms
- pass-through hole for performance validation (optional)
- backup battery for anti-blackout function for monitoring system (optional)
- safety thermostat for compressor cut-off with internal temperature at +2°C (optional)
- defrosting with automatic evaporation of condensate water (programmable cycles)
- evaporator ventilated with forced air
- stainless steel shelves adjustable in height
- alternative configuration: stainless steel sliding drawers with Plexiglass frontal side
- n. 4 unidirectional wheels (n. 6 for 1400 litres version) + n. 2 front mounting adjustable feet
- castors kit (optional): n. 2 turning with frontal brakes and n. 2 fixed on the back
- ecological polyurethane insulation 60 mm thick
- CFC/HCFC-free R290 refrigerant gas
- detachable power cord with Schuko plug

	FV10G1EVO	FV15G1EVO	FV20G1EVO	FV25G1EVO	FV30G1EVO	FV45G1EVO	FV52G1EVO	FV70G1EVO	FV140G2EVO
Internal volume (L)	100	150	200	250	300	450	520	700	1400
Door type (*)	Glass door	Glass door	Glass door	Glass door	Glass door	Glass door	Glass door	Glass door	Glass door
External dimensions WxDxH (cm)	60x60x86	60x60x136	60x60x156	60x60x176	60x60x196	70x80x184	70x80x204	70x80x199	140x80x199
N° of standard shelves	2	2	3	4	5	3	4	4	8
Max. n° of shelves	2	3	5	6	7	5	7	8	16

(*) Every version can be provided with solid door

HIGH RESOLUTION
7" TRUE COLOR FULL
TOUCH SCREEN
GRAPHIC DISPLAY
WITH REAL-TIME
TEMPERATURE GRAPH

STANDARD WI-FI
CONNECTIVITY FOR
REMOTE DATA CONTROL
AND ACCESS (OPTIONAL)
TO A PERSONAL PORTAL
FOR DATA STORAGE AND
MONITORING, ALARM
NOTIFICATION IN THE
CLOUD

ILLUMINATION
MADE BY VERTICAL
LED FOR INTERNAL
COMPARTMENT

EXTERNAL STRUCTURE
MADE OF HOT-DIP
GALVANIZED STEEL,
CORROSION-TREATED
AND PVC-COATED

INTERNAL STRUCTURE
MADE OF SCOTCH
BRITE STAINLESS STEEL



Temperature range from +2°C to +12°C

Evolution line

Double positive temperature refrigerators

- internal capacity from 300 to 1400 litres
- n. 2 self-closing insulated double glass doors
- double solid door versions available
- n. 2 safety door locks with key
- electronic lock – opening via password (optional)
- double microprocessor electronic control
- real-time temperature graphs that can be customized and always visible on the display
- precision datalogger with temperature data measurement and alarms up to 10 years, data sampling with frequency up to 30"
- n. 22 audible and visual alarms, including high and low temperature, open door, condenser cleaning, defective probes, power/backup battery failure, gas charge needed, etc
- USB port for downloading temperature and alarm data
- dry contact for remote alarm
- n. 4 temperature probes: n. 3 NTC for the temperature of cabinet, evaporator and condenser and n. 1 PT100 for controlling and alarms pass-through hole for performance validation (optional)
- backup battery for anti-blackout function for monitoring system (optional)
- safety thermostat for compressor cut-off with internal temperature at +2°C (optional)
- defrosting with automatic evaporation of condensate water (programmable cycles) for both compartments
- evaporator ventilated with forced air for both compartments
- stainless steel shelves adjustable in height for both compartments
- alternative configuration: stainless steel sliding drawers with Plexiglass frontal side
- illumination made by vertical LED for internal compartments
- n. 4 unidirectional wheels (n. 6 for 1400 litres version) + n. 2 front mounting adjustable feet
- castors kit (optional): n. 2 turning with frontal brakes and n. 2 fixed on the back
- ecological polyurethane insulation 60 mm thick
- CFC/HCFC-free R290 refrigerant gas
- detachable power cord with Schuko plug

	DTP30GEVO	DTP30CEVO	DTP70GEVO	DTP70CEVO	DTP140GEVO	DTP140CEVO
Internal volume (L)	150 + 150	150 + 150	350 + 350	350 + 350	700 + 700	700 + 700
Door type (*)	Double glass door	Double solid door	Double glass door	Double solid door	Double glass door	Double solid door
External dimensions WxDxH (cm)	60x60x197	60x60x197	70x80x204	70x80x204	140x80x199	140x80x199
N° of standard shelves	2 + 2	2 + 2	2 + 2	2 + 2	4 + 4	4 + 4
Max. n° of shelves	3 + 3	3 + 3	3 + 3	3 + 3	7 + 7	7 + 7

(*) Every version can be provided with solid door

HIGH RESOLUTION
7" TRUE COLOR FULL
TOUCH SCREEN
GRAPHIC DISPLAY WITH
DOUBLE REAL-TIME
TEMPERATURE GRAPH

STANDARD WI-FI
CONNECTIVITY FOR
REMOTE DATA CONTROL
AND ACCESS (OPTIONAL)
TO A PERSONAL PORTAL
FOR DATA STORAGE AND
MONITORING, ALARM
NOTIFICATION IN THE
CLOUD

DOUBLE COMPARTMENT
WITH THE POSSIBILITY
TO SET DIFFERENT
POSITIVE TEMPERATURES
AT THE SAME TIME

EXTERNAL STRUCTURE
MADE OF HOT-DIP
GALVANIZED STEEL,
CORROSION-TREATED
AND PVC-COATED

INTERNAL STRUCTURE
MADE OF SCOTCH
BRITE STAINLESS STEEL



Temperature range from +2°C to +12°C

Evolution line

Double positive and negative temperature refrigerators

- internal capacity from 300 to 1400 litres
- n. 1 self-closing insulated double glass door (for positive compartment) and n. 1 self-closing solid door (for negative compartment)
- double solid door versions available
- n. 2 safety door lock with key
- electronic lock – opening via password (optional)
- double microprocessor electronic control
- real-time temperature graph that can be customized and always visible on the display
- precision datalogger with temperature data measurement and alarms up to 10 years, data sampling with frequency up to 30"
- n. 22 audible and visual alarms, including high and low temperature, open door, condenser cleaning, defective probes, power/backup battery failure, gas charge needed, etc
- USB port for downloading temperature and alarm data
- dry contact for remote alarm
- n. 4 temperature probes: n. 3 NTC for the temperature of cabinet, evaporator and condenser and n. 1 PT100 for controlling and alarms
- pass-through hole for performance validation (optional)
- backup battery for anti-blackout function for monitoring system (optional)
- safety thermostat for compressor cut-off with internal temperature at +2°C (optional, for positive compartment)
- defrosting with automatic evaporation of condensate water (programmable cycles) for positive compartment and manual defrosting for negative compartment
- evaporator ventilated with forced air for positive compartment and static evaporator for negative compartment
- stainless steel shelves adjustable in height for positive compartment
- stainless steel drawers with Plexiglass frontal for negative compartment
- alternative configurations: stainless steel shelves or sliding drawers with Plexiglass frontal side for both compartments
- illumination made by vertical LED for positive compartment
- n. 4 unidirectional wheels (n. 6 for 1400 litres version) + n. 2 front mounting adjustable feet
- castors kit (optional): n. 2 turning with frontal brakes and n. 2 fixed on the back
- ecological polyurethane insulation 60 mm thick
- CFC/HCFC-free R290 refrigerant gas
- detachable power cord with Schuko plug

	DT28GEVO	DT28CEVO	DT70GEVO	DT70CEVO	DT140GEVO	DT140CEVO
Internal volume (L)	200 + 100	200 + 100	350 + 350	350 + 350	700 + 700	700 + 700
Door type (*)	n.1 glass door + n.1 solid door	Double solid door	n.1 glass door + n.1 solid door	Double solid door	n.1 glass door + n.1 solid door	Double solid door
External dimensions WxDxH (cm)	60x60x197	60x60x197	70x80x204	70x80x204	140x80x199	140x80x199
Standard configuration	3 + 2	3 + 2	2 + 3	2 + 3	4 + 4	4 + 4
Max. n° of shelves	5 + 2	5 + 2	4 + 3	4 + 3	8 + 8	8 + 8

(*) Every version can be provided with solid door

HIGH RESOLUTION
7" TRUE COLOR FULL
TOUCH SCREEN
GRAPHIC DISPLAY WITH
DOUBLE REAL-TIME
TEMPERATURE GRAPH

STANDARD WI-FI
CONNECTIVITY FOR
REMOTE DATA CONTROL
AND ACCESS (OPTIONAL)
TO A PERSONAL PORTAL
FOR DATA STORAGE AND
MONITORING, ALARM
NOTIFICATION IN THE
CLOUD

DOUBLE COMPARTMENT
WITH THE POSSIBILITY
TO SET DIFFERENT
POSITIVE TEMPERATURES
AT THE SAME TIME

EXTERNAL STRUCTURE
MADE OF HOT-DIP
GALVANIZED STEEL,
CORROSION-TREATED
AND PVC-COATED

INTERNAL STRUCTURE
MADE OF SCOTCH
BRITE STAINLESS STEEL



Temperature range: positive side from +2°C to +12°C;
negative side from -30°C -10°C

Basic line

The Basic Line of professional refrigeration equipment is designed to offer reliable solutions for operators in the pharmacy sector.

POSITIVE TEMPERATURE REFRIGERATORS

Smeg Instruments' single positive temperature refrigerators offer reliable solutions for storing temperature-sensitive materials, ensuring **consistent and controlled conditions**.



DUAL TEMPERATURE REFRIGERATORS

These refrigerators combine efficiency and flexibility, enabling the management of two different temperatures in a single unit, ideal for **environments with diverse product storage needs**.

The range is composed of Dual positive temperature devices and Dual positive and negative temperature devices.

PERFORMANCE AND CONTROL



- Temperature range from +2°C to +12°C
- Front panel with soft touch user interface and LCD display
- Integrated datalogger with 46000 data record, download via USB port
- Optional 12 V backup battery for display and alarm acquisition up to 48h
- Optional +2°C safety thermostat in accordance with DIN 13277
- Optional pass-through hole for external temperature probe entry

ALARMS AND SAFETY



- Audible and visual alarm signalling
- 7 temperature and performance alarms
- Key door lock

CONNECTIVITY AND DATA MANAGEMENT



- USB port as standard for data download
- LAN port optional for real-time monitoring of the device via dedicated software
- GSM module optional for immediate warning to the operator in case of malfunctioning via SMS

STRUCTURE AND MATERIALS



- Efficient self-closing insulated door
- Internal structure in Scotch Brite stainless steel
- Ecological polyurethane foam insulation, 60 mm thick

INTERIOR AND LIGHTING



- Full height vertical LED lighting for refrigerator compartment
- Interior configuration with height-adjustable shelves

COOLING SYSTEM



- Ventilated evaporator
- Automatic defrosting with condensate water evaporation

MOBILITY AND NOISE LEVEL



- 4 unidirectional wheels, pivoting wheels as optional
- Noise level <50 dB

ELECTRICAL SPECIFICATIONS



- Electrical connection 230V 50 Hz – 60 Hz version available
- Detachable power cable with Schuko plug (UK plug available)

Smart air circulation system

Engineered for **maximum storage efficiency** and uncompromising performance, Smeg refrigeration units are conceived to optimize load distribution while maintaining exceptional temperature uniformity throughout the entire chamber. The intelligently designed drawer system maximizes usable space, allowing for organized, **high-density storage** without obstructing airflow. Advanced air circulation technology ensures consistent, homogeneous cooling from top to bottom and front to back, **safeguarding product integrity** even under full-load conditions. The result is reliable temperature stability, enhanced operational efficiency, and total confidence in every stored item.



Optimized storage solutions: custom accessories

The range of accessories for the Evolution and Basic refrigerators and freezers is tailored to meet the specific needs of pharmacists. It includes **standard and perforated shelves**, structured to ensure optimal airflow and efficient organization of stored materials, as well as dedicated **pharma drawers** with **internal dividers**, specifically developed to enhance product arrangement and protection. **Easily removable** and designed for practical access, each accessory is conceived to deliver maximum functionality, safety, and flexibility in professional environments.

	TYPE	DIMENSIONS WxD (mm)
SHELVES	Standard shelves for 100-300 litres versions	440x400
	Perforated shelves for 100-300 litres versions	
	Standard shelves for 450-1400 litres versions	520x600
	Perforated shelves for 450-1400 litres versions	

	TYPE	DIMENSIONS WxD (mm)
DRAWERS	Pharma drawers for 100-300 litres versions	410x393x70
	Pharma drawers for 450-1400 litres versions	488x598x70



Basic line

Positive temperature refrigerators

- internal capacity from 100 to 1400 litres
- n. 1 self-closing insulated double glass door (n. 2 for 1400 litres versions)
- solid door versions available
- safety door lock with key
- microprocessor electronic control
- n. 7 audible and visual alarms: high temperature (adjustable threshold), low temperature (adjustable threshold), open door, condenser cleaning, defective probes, power failure, backup battery failure
- integrated datalogger with memory capacity of 4 MB - 46000 data record, last 20 alarms available on display
- USB port for downloading temperature and alarm data
- dry contact for remote alarm
- GSM module (optional)
- pass-through hole for performance validation (optional)
- backup battery for anti-blackout function for monitoring system (optional)
- safety thermostat for compressor cut-off with internal temperature at +2°C (optional)
- temperature chart recorder (optional)
- defrosting with automatic evaporation of condensate water (programmable cycles)
- evaporator ventilated with forced air
- stainless steel shelves adjustable in height
- alternative configuration: stainless steel sliding drawers with Plexiglass frontal side
- illumination made by vertical LED for internal compartment
- n. 4 unidirectional wheels (n. 6 for 1400 litres version) + n. 2 front mounting adjustable feet
- castors kit (optional): n. 2 turning with frontal brakes and n. 2 fixed on the back
- ecological polyurethane insulation 60 mm thick
- CFC/HCFC-free R290 refrigerant gas
- detachable power cord with Schuko plug

	FV10G1A	FV15G1A	FV20G1A	FV25G1A	FV30G1A	FV45G1A	FV52G1A	FV70G1A	FV140G2A
Internal volume (L)	100	150	200	250	300	450	520	700	1400
Door type (*)	Glass door	Glass door	Glass door	Glass door	Glass door	Glass door	Glass door	Glass door	Glass door
External dimensions WxDxH (cm)	60x60x86	60x60x136	60x60x156	60x60x176	60x60x196	70x80x184	70x80x204	70x80x199	140x80x199
N° of standard shelves	2	2	3	4	5	3	4	4	8
Max. n° of shelves	2	3	5	6	7	5	7	8	16

(*) Every version can be provided with solid door

SOFT TOUCH USER
INTERFACE WITH LCD
DISPLAY

ETHERNET PORT
FOR LAN CONNECTION
(OPTIONAL)

EXTERNAL STRUCTURE
MADE OF HOT-DIP
GALVANIZED STEEL,
CORROSION-TREATED
AND PVC-COATED

INTERNAL STRUCTURE
MADE OF SCOTCH
BRITE STAINLESS STEEL



Temperature range from +2°C to +12°C

Basic line

Double positive temperature refrigerators

- internal capacity from 300 to 1400 litres
- n. 2 self-closing insulated double glass doors
- double solid door versions available
- n. 2 safety door locks with key
- double microprocessor electronic control
- n. 2 silent hermetic closed-circuit compressors (independent for each compartment)
- n. 7 audible and visual alarms: high temperature (adjustable threshold), low temperature (adjustable threshold), open door, condenser cleaning, defective probes, power failure, backup battery failure
- integrated datalogger with memory capacity of 4 MB - 46000 data record, last 20 alarms available on display
- USB port for downloading temperature and alarm data
- dry contact for remote alarm
- GSM module (optional)
- pass-through hole for performance validation (optional)
- backup battery for anti-blackout function for monitoring system (optional)
- safety thermostat for compressor cut-off with internal temperature at +2°C (optional)
- double temperature chart recorder (optional)
- defrosting with automatic evaporation of condensate water (programmable cycles) for both compartments
- evaporator ventilated with forced air for both compartments
- stainless steel shelves adjustable in height for both compartments
- alternative configuration: stainless steel sliding drawers with Plexiglass frontal side
- illumination made by vertical LED for internal compartments
- n. 4 unidirectional wheels (n. 6 for 1400 litres version) + n. 2 front mounting adjustable feet
- castors kit (optional): n. 2 turning with frontal brakes and n. 2 fixed on the back
- ecological polyurethane insulation 60 mm thick
- CFC/HCFC-free R290 refrigerant gas
- detachable power cord with Schuko plug

	DTP30GA	DTP30CA	DTP70GA	DTP70CA	DTP140GA	DTP140CA
Internal volume (L)	150 + 150	150 + 150	350 + 350	350 + 350	700 + 700	700 + 700
Door type (*)	Double glass door	Double solid door	Double glass door	Double solid door	Double glass door	Double solid door
External dimensions WxDxH (cm)	60x60x197	60x60x197	70x80x204	70x80x204	140x80x199	140x80x199
N° of standard shelves	2 + 2	2 + 2	2 + 2	2 + 2	4 + 4	4 + 4
Max. n° of shelves	3 + 3	3 + 3	3 + 3	3 + 3	7 + 7	7 + 7

(*) Every version can be provided with solid door

DOUBLE SOFT TOUCH
USER INTERFACE WITH
LCD DISPLAY

ETHERNET PORT FOR
LAN CONNECTION
(OPTIONAL)

DOUBLE COMPARTMENT
WITH THE POSSIBILITY
TO SET DIFFERENT
POSITIVE TEMPERATURES
AT THE SAME TIME

EXTERNAL STRUCTURE
MADE OF HOT-DIP
GALVANIZED STEEL,
CORROSION-TREATED
AND PVC-COATED

INTERNAL STRUCTURE
MADE OF SCOTCH
BRITE STAINLESS STEEL



Temperature range from +2°C to +12°C

Basic line

Double positive and negative temperature refrigerators

- internal capacity from 300 to 1400 litres
- n. 1 self-closing insulated double glass door (positive chamber) and n. 1 self-closing solid door (negative chamber)
- n. 2 safety door locks with key
- double microprocessor electronic control
- n. 2 silent hermetic closed-circuit compressors (independent for each compartment)
- n. 7 audible and visual alarms: high temperature (adjustable threshold), low temperature (adjustable threshold), open door, condenser cleaning, defective probes, power failure, backup battery failure
- integrated datalogger with memory capacity of 4 MB - 46000 data record, last 20 alarms available on display
- USB port for downloading temperature and alarm data
- dry contact for remote alarm
- GSM module (optional)
- pass-through hole for performance validation (optional)
- backup battery for anti-blackout function for monitoring system (optional)
- safety thermostat for compressor cut-off with internal temperature at +2°C (optional, for positive compartment)
- double temperature chart recorder (optional)
- defrosting with automatic evaporation of condensate water (programmable cycles) for positive compartment and manual defrosting for negative compartment
- evaporator ventilated with forced air for positive compartment and static evaporator for negative compartment
- stainless steel shelves adjustable in height for positive compartment
- stainless steel sliding drawers with Plexiglass frontal for negative compartment
- alternative configurations: stainless steel shelves or sliding drawers with Plexiglass frontal side for both compartments
- illumination made by vertical LED for positive compartment
- n. 4 unidirectional wheels (n. 6 for 1400 litres version) + n. 2 front mounting adjustable feet
- castors kit (optional): n. 2 turning with frontal brakes and n. 2 fixed on the back
- ecological polyurethane insulation 60 mm thick
- CFC/HCFC-free R290 refrigerant gas
- detachable power cord with Schuko plug

	DT28GA	DT28CA	DT70GA	DT70CA	DT140GA	DT140CA
Internal volume (L)	200 + 100	200 + 100	350 + 350	350 + 350	700 + 700	700 + 700
Door type (*)	n.1 glass door + n.1 solid door	Double solid door	n.1 glass door + n.1 solid door	Double solid door	n.1 glass door + n.1 solid door	Double solid door
External dimensions WxDxH (cm)	60x60x197	60x60x197	70x80x204	70x80x204	140x80x199	140x80x199
Standard configuration	3 + 2	3 + 2	2 + 3	2 + 3	4 + 4	4 + 4
Max. n° of shelves	5 + 2	5 + 2	4 + 3	4 + 3	8 + 8	8 + 8

(*) Every version can be provided with solid door

DOUBLE SOFT TOUCH
USER INTERFACE WITH
LCD DISPLAY

ETHERNET PORT FOR
LAN CONNECTION
(OPTIONAL)

DOUBLE COMPARTMENT
WITH THE POSSIBILITY
TO SET DIFFERENT
POSITIVE TEMPERATURES
AT THE SAME TIME

EXTERNAL STRUCTURE
MADE OF HOT-DIP
GALVANIZED STEEL,
CORROSION-TREATED
AND PVC-COATED

INTERNAL STRUCTURE
MADE OF SCOTCH
BRITE STAINLESS STEEL

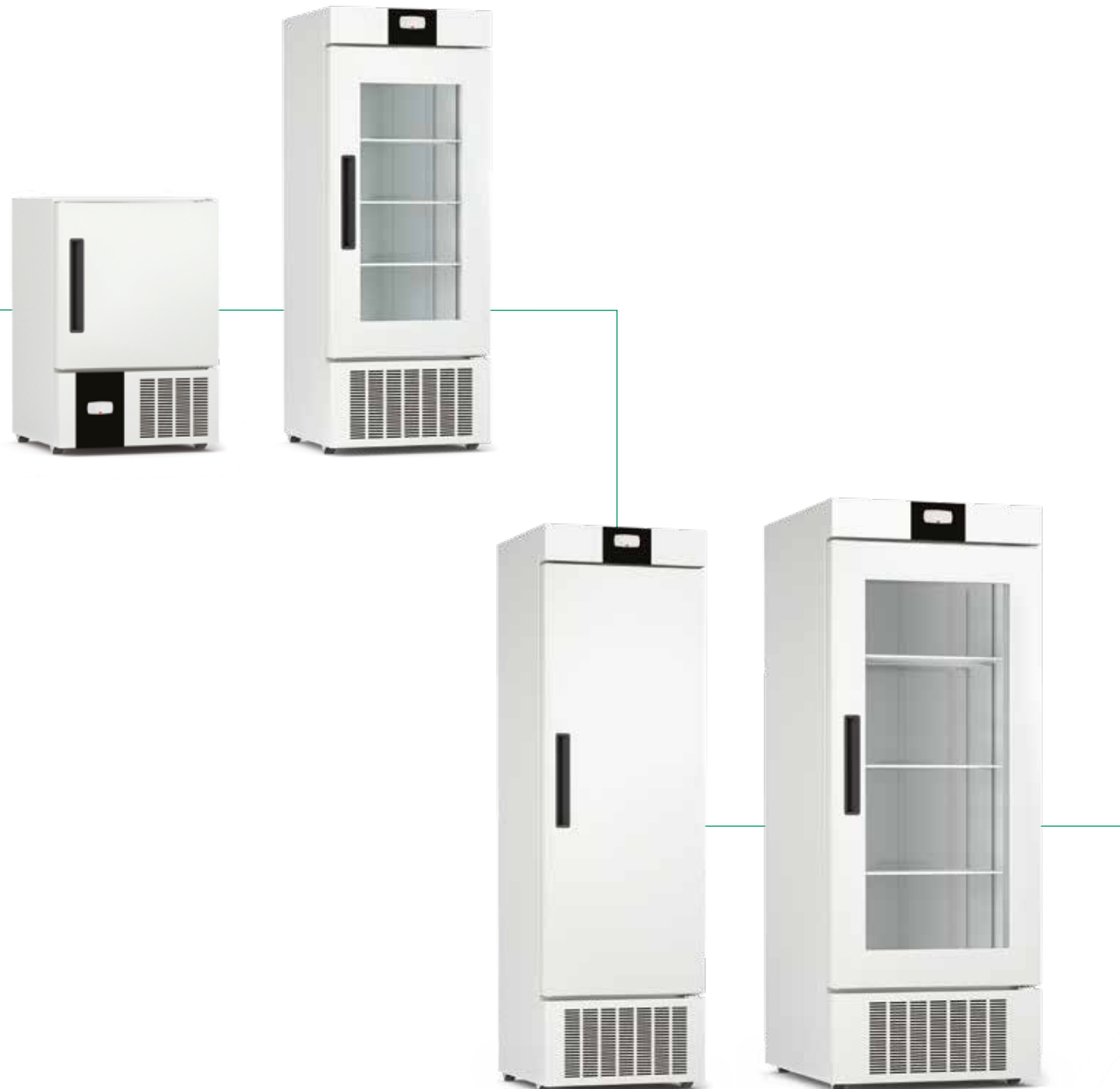


Temperature range: positive side from +2°C to +12°C;
negative side from -30°C -10°C

Essential Line

Pure performance, simply reliable

The Essential line embodies the essence of pharmacy refrigeration: essential functions, consistent precision, and everyday reliability. A concentrate of efficiency designed to ensure safety and uncompromising performance.



PERFORMANCE AND CONTROL

- Temperature range from +2°C to +12°C
- Front panel with Touch digit display
- Alarm history with data logging up to 4 months
- Optional backup battery for display and alarm acquisition up to 36h
- Optional +2°C safety thermostat in accordance with DIN 13277



ALARMS AND SAFETY

- Audible and visual alarm signalling
- 7 temperature and performance alarms
- Key door lock



CONNECTIVITY AND DATA MANAGEMENT

- Bluetooth connectivity as standard for remote data download directly to smartphone or tablet via dedicated application



STRUCTURE AND MATERIALS

- Reversible flush door
- Internal structure in white PVC-coated galvanized sheet metal
- Ecological polyurethane foam insulation, 60 mm thick (40 mm for 126-liter version)



INTERIOR AND LIGHTING

- LED lighting for refrigerator compartment
- Interior configuration with height-adjustable flush grid shelves



COOLING SYSTEM

- Static-ventilated evaporator
- Automatic defrosting with condensate water evaporation



MOBILITY AND NOISE LEVEL

- 4 unidirectional wheels
- Noise level <50 dB



ELECTRICAL SPECIFICATIONS

- Electrical connection 230V 50/60 Hz – 245 W
- Detachable power cable with Schuko plug (UK plug available)

Bluetooth connectivity: simplicity, efficiency, control

Thanks to built-in Bluetooth connectivity, the refrigerators of the Essential line allow **remote download of data** directly to smartphones or tablets in a quick and secure way.

A concrete advantage for those who work in environments where precision and traceability are essential:

- Immediate access to operating data and temperature history.
- Reduction of intervention and maintenance times.
- No additional wiring.
- Simple and intuitive management.

Applica: always in control

APPLICA is the CAREL app designed to make **management, maintenance and monitoring** of the device even simpler, faster and safer.

Thanks to the **Bluetooth® connection**, interaction with the unit's electronic control takes place without additional tools, directly from a smartphone or tablet, allowing you to:

- Access a **multilingual interface**.
- Manage **customizable parameters**, profiles or configurations.
- View and **export real-time and/or historical data** and trends.



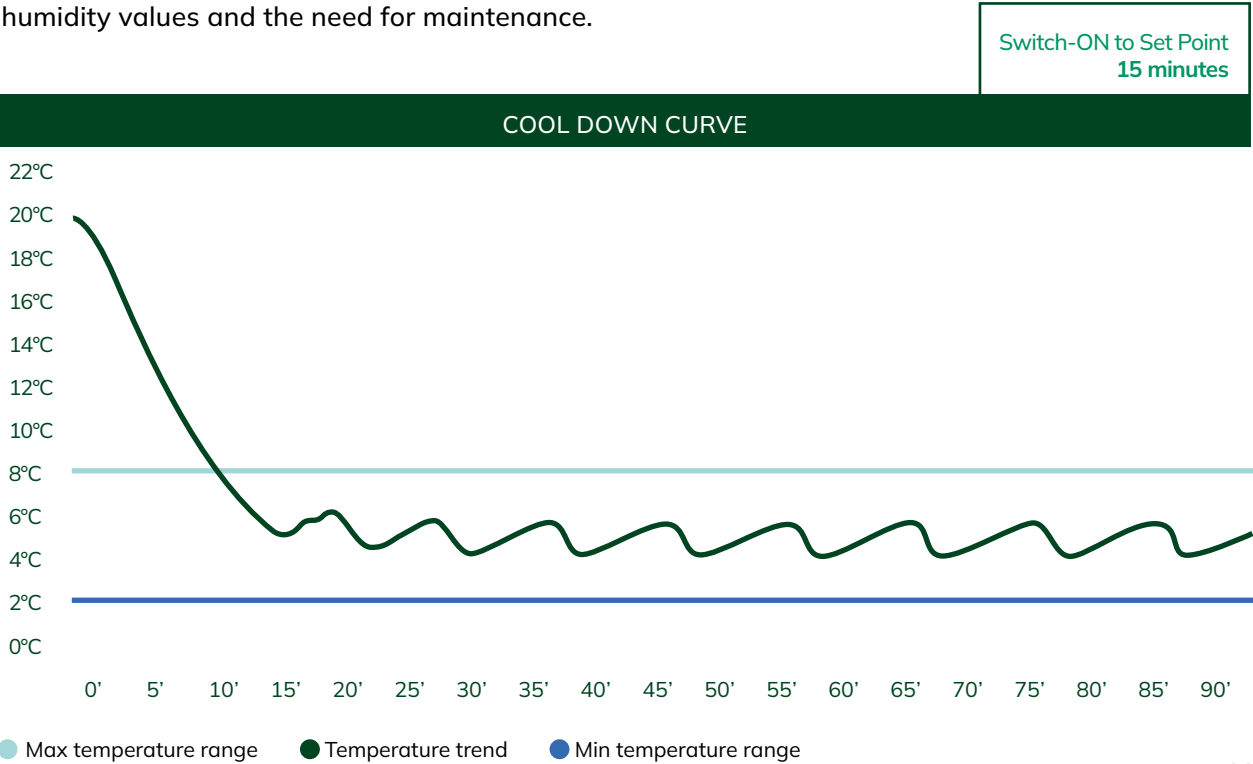
Consumption and performance

The new professional refrigerators of the Essential line combine reliable performance and **maximum energy efficiency**, guaranteeing concrete savings every day. A result that translates into lower management costs, **reduced environmental impact** and greater operational sustainability, without ever compromising the quality of conservation.

Version	Consumption [kW/24h]
FVE12CL	0,40
FVE12GL	0,47
FVE20CL	0,63
FVE20GL	0,78
FVE30CL	1.01
FVE30GL	1.24
FVE52CL	1.23
FVE52GL	1.53

Efficiency and temperature uniformity

The “**anti-stratification**” technology applied ensures a perfect distribution of cold in every point of the compartment. The result is a temperature always uniform, which protects the preservation of the products and reduces humidity values and the need for maintenance.



Version	CAPACITY [l]	DOOR TYPE	EXTERNAL DIMENSIONS (WxDxH) [cm]	INTERNAL DIMENSIONS (WxDxH) [cm]	N° STANDARD SHELVES	N° SHELVES MAX
FVE12CL	126	Solid	600x600x860	515x485x500	2	2
FVE12GL	126	Glass	600x600x860	515x485x500	2	2
FVE20CL	200	Solid	600x600x1490	475x465x920	3	5
FVE20GL	200	Glass	600x600x1490	475x465x920	3	5
FVE30CL	300	Solid	600x600x1890	475x465x1320	3	6
FVE30GL	300	Glass	600x600x1890	475x465x1320	3	6
FVE52CL	520	Solid	700x800x1965	575x670x1400	3	6
FVE52GL	520	Glass	700x800x1965	575x670x1400	3	6

Founded in 1948, SMEG, whose name stands for 'Smalterie Metallurgiche Emiliane Guastalla', is a proudly Italian company renowned for the responsible production of creations that combine Made in Italy technology and design. Having consolidated its position in the household appliances sector, Smeg has expanded its business with 2 professional divisions.

The Instruments division, dedicated to professionals in the medical, pharmaceutical, laboratory and care sectors, offers technologically advanced solutions for refrigeration, washing and disinfection.

The Professional division, dedicated to professionals in the Ho.Re.Ca. sector, offers a wide range of high performance washing, cooking and refrigeration solutions.

The SMEG S.p.A. Group is today recognized internationally as a point of excellence of Made in Italy.



Smeg S.p.A.

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