

R290

REFRIGERATED CABINETS



Refrigerated Cabinets

Williams
Refrigerated Cabinets
Built to Last



About us

Williams refrigeration has been an Indian expert for over two decades, serving the HORECA industry providing premium fabrication and refrigeration solutions adapting recent trends in design and utilizing advanced technology equipment.

We offer comprehensive solutions with durable fabrication and refrigeration customized to your pastry shops, ice cream shops, bars, breweries, restaurants and supermarkets.

We align closely with our customer's requirements by delivering environment friendly products alongside exceptional service. Our foremost priority is continuous innovation, integrating novel technologies into our product line.



Refrigerated Cabinets

Introducing the Reach In premium refrigerated cabinets, available as chillers and freezers with identical cabinet dimensions. Choose from single/double full length doors or two/four half door variants. Crafted entirely from AISI 304 food-grade stainless steel with PU foam thermal insulation for optimal freshness.

Ventilation

Adequate ventilation is provided for the effective functioning of the refrigeration system.

Electronic controller

The heaters at the doors helps in preventing harmful dirt traps due to condensation.

Refrigeration system

Monoblock refrigeration system for easy maintenance.

Mullion heaters at the door

The heaters at the doors helps in preventing harmful dirt traps due to condensation.

Forced air circulation system

Digital controller with touch screen enables precise control and display of the temperature of the food items.

Anti – tilt tray slides

The anti-tilt tray slides are easy to remove and clean and also avoids tipping.

Caster wheels with lock

Provides flexibility and mobility

Adjustable bullet feet

The leveling of the system can be done using the adjustable feet (range 130-170mm).

Removable and washable gasket

Prevents the infiltration of outside air into the refrigerated space.

105° door opening

This helps during loading and stock verification.



Product Code



Eco-friendly hydrocarbon refrigerant, R290 possess GWP 3.

GN PAN COMPATIBILITY

Gastro Norm

GN 600 TN-HC - LH

CAPACITY

600 - 600 Ltr
1.2 - 1200 Ltr

CABINET TYPE

TN - Normal Temperature - Refrigerator - 2°C to 8°C
BT - Low Temperature - Freezer - 15°C to -21°C

REFRIGERANT

HC - Hydrocarbon

DOOR TYPE

G - Glass Door

NO. OF DOORS

Not mentioned — 1 Door
2 — 2 full /half Doors
4 — 4 Half doors

DOOR OPENING SIDE

LH - Left hinged door
RH - Right hinged door



GN600TN-HC-LH/RH / GN600BT-HC-LH/RH
REFRIGERATOR / FREEZER 600L



GN600TN2-HC-LH/RH / GN600BT2-HC-LH/RH
REFRIGERATOR / FREEZER 600L



GN600TNG-HC-LH/RH
REFRIGERATOR 600L

GN1.2TN2-HC / GN1.2BT2-HC
REFRIGERATOR / FREEZER 1200L



GN1.2TN4-HC / GN1.2BT4-HC
REFRIGERATOR / FREEZER 1200L



GN1.2TNG2-HC
REFRIGERATOR 1200L



Standard Features

- Top ventilation in this system is suitable for usage in enclosed areas.
- Door locks provide added security.
- **High-quality washable magnetic door gasket.**
- Easy to use microprocessor control with digital display for easy visual reference.
- Stainless steel interior & exterior finish.
- Removable **anti-tilt tray slides** to prevent tipping.
- **Adjustable legs** to ensure stability on an uneven floor.
- **Efficient, durable and energy efficient compressor.**
- **Automatic defrost** ensures the evaporator working to its optimum performance.
- Designed and engineered to operate up to **43° C ambient.**

Optional Features

- Fish file cabinets.
- Caster wheels.
- LED is provided in glass door models



Key Features

- **AISI 304** food grade stainless steel is used.
- **Balanced, forced air refrigeration system** enables rapid product pull down and even temperature throughout.
- **75mm low density Polyurethane** foam is used for thermal insulation.
- **Anti condensation** door mullion heaters.
- **Natural refrigerant R290** refrigerant is used with zero ODP and GWP 3.



Common Features



43° C Ambient



Hermetic Compressor



Forced Air Circulation



Defrosting by Heating Element

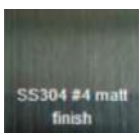


Evaporated by Hot Gas

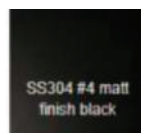


R290

Cabinet comes with standard colour



SS304 #4 matt
finish



SS304 #4 matt
finish black

Tech Specs



1 SS Door



1 Glass Door



2 SS Semi Door

Structural

Model	GN600TN-HC-LH/RH / GN600BT-HC-LH/RH	GN600TNG-HC-LH/RH	GN600TN2-HC-LH/RH / GN600BT2-HC-LH/RH
Dimension(WxDxH)	720 x 850 x 2095mm	720 x 850 x 2095mm	720 x 850 x 2095mm
Gross Volume	600L	600L	600L
Doors	1	1	2
No. of GN 1/1 shelves	8	8	8
Gn 1/1 pan accommodation per shelf	2	2	2
Weight	134kg	134kg	134kg
No of GN 1/1 shelves	4	4	4

Refrigeration

Temperature R/F*	2° C to 8° C / -15°C to -21°C	2° C to 8° C	2° C to 8° C / -15°C to -21°C
Climate Class	T	T	T
Cooling System	Dynamic cooling	Dynamic cooling	Dynamic cooling
Defrost	Auto	Auto	Auto
Testing Standard	ISO/FDIS 22041	ISO/FDIS 22041	ISO/FDIS 22041
Operating Ambient	10°C to 43°C	10°C to 43°C	10°C to 43°C
Refrigerant R/F*	R290	R290	R290

Electrical @ 43°C Ambient

Power R/F*	370/710W	370W	370/710W
Current R/F*	1.7 A/3.2A	1.7A	1.7A/3.2A
Voltage	1ph / 230V / 50Hz	1ph / 230V / 50Hz	1ph / 230V / 50Hz
Power consumption 24hrs R/F*	2.3/4.3kWh	2.3kWh	2.3/4.3kWh
Annual Energy consumption R/F	816/1533kWh	816kWh	816/1533kWh
Power Plug type	Type D	Type D	Type D

*R/F - Refrigerator / Freezer

Tech Specs



2 SS Door



2 Glass Door



4 SS Semi Door

Structural

Model	GN1.2TN2-HC / GN1.2BT2-HC	GN1.2TNG2-HC	GN1.2TN4-HC/GN1.2BT4-HC
Dimension(WxDxH)	1440 × 862 × 2095mm	1440 × 862 × 2095mm	1440 × 862 × 2095mm
Gross Volume	1200L	1200L	1200L
Doors	2	2	4
No. of GN 1/1 shelves	8	8	8
Gn 1/1 pan accommodation per shelf	2	2	2
Weight	170Kg	236kg	236kg
No of GN 1/1 shelves	8	10	8

Refrigeration

Temperature R/F*	2° C to 8° C / -15°C to -21°C	2° C to 8° C	2° C to 8° C / -15°C to -21°C
Climate Class	T	T	T
Cooling System	Dynamic cooling	Dynamic cooling	Dynamic cooling
Defrost	Auto	Auto	Auto
Testing Standard	ISO/FDIS 22041	ISO/FDIS 22041	ISO/FDIS 22041
Operating Ambient	10°C to 43°C	10°C to 43°C	10°C to 43°C
Refrigerant R/F*	R290	R290	R290

Electrical @ 43°C Ambient

Power R/F*	590/1180W	710W	590/1180W
Current R/F*	2.7/5.2A	3.2A	2.7/5.2A
Voltage	1ph / 230V / 50Hz	1ph / 230V / 50Hz	1ph / 230V / 50Hz
Power consumption 24hrs R/F*	3.6/7.2kWh	4.3kWh	3.6/7.2kWh
Annual Energy consumption R/F	1292/2584kWh	1533kWh	1292/2584kWh
Power Plug type	Type D	Type D	Type D

*R/F - Refrigerator / Freezer

Performance, Reliability and Quality

- Fibre optic laser is used in manufacturing, which provides more accurate and precise joints for improved product quality,
- performance and safety.
- The doors are held using reinforced 3 mm stainless hinges at the top and bottom for added durability and to eliminate the risk of door sag (tested to then standard ISO/FDIS 22041).
- Self closing doors help to reduce the cooling loss due to infiltration.
- Anti tilt heavy duty racking system is provided, with each shelf capable of holding 40kg.

Value

- Food grade high quality AISI 304 Stainless Steel is used with the finish suitable for handling food and beverages.

Energy Efficiency and Sustainability

- High thermal resistive Polyurethane foam is used which has high resistance to heat transfer increasing the energy efficiency, also lasts for longer period of time.
- The self closing door in-turn increases the energy efficiency, low cooling loss equals to low power
- The system is sustainable that natural, low GWP and zero ODP refrigerant is used .

Hygiene & Safety

- Flush handle in the door which is easy for opening and cleaning.
- Hygienic and contactless magnetic fan cut-out door switch with no moving parts.



Internal LED Lamp (Optional)

LED Lamp aids in visual appeal of the product.



Adjustable Racks

The racks are adjustable as per the requirement.



Two pane glass with Argon Gas

Two pane Argon filled glass is provided which acts as a insulator.



Self closing door

Prevents the loss of cooling from the system, also helps when both the hands are loaded



Digital controller

Digital controller of Italian make is used for precise control and display of the temperature of the food items.



Cylindrical Lock

The lock facilitates safety and control over the stock.




Williams Refrigeration


UNIT-I


111 'C', KIADB Industrial Area
1st Phase, Bommasandra,
Hosur Main Road, Bangalore-560099, INDIA

UNIT-II

Plot No. 127&128, Bommasandra IV Phase,
Yarandahally, Bangalore-560099,
Karnataka, India.

 +91-9844013768

 sales@williamsrefrigeration.in
info@williamsrefrigeration.in

 www.williamsrefrigeration.co.in



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