

Upright Cabinet Series

General Features



01.

CoolSmart Controller



- **Automatic internal condition detecting to ensure efficient energy use**
Energy saving up to 15%
- **Intelligent defrost function**
Ensures the evaporator working to its optimum performance
- **The interval of compressor start and rest time can be limited**
Reduces wear and tear and prolonging compressor life
- **Self-diagnostics**
Self performance check to indicate the operational condition
- **Failsafe device for failure of thermocouple**
Minimises the loss of food products and reduces wear and tear of the compressor due to the sensors failed
- **Audible and visual Hi/Lo, door open (over 5 minutes) alarm for freezer**
Ensures food quality and minimises energy consumption
- **HACCP compliant**
Ensures the food safety of Williams products

02.

304 grade stainless steel exterior and interior finish

Foodsafe, durable and easy cleaning

03.

High density 75mm thick insulation foam with zero ODP (Ozone Depletion Potential) and low GWP (Global Warming Potential)

Provides excellent thermal efficiency and is environmental-friendly

04.

Accurate helium leak detection system for entire refrigeration system

Quality guaranteed

05.

Automatic vaporising the defrost water

No drain connection is required

06.

Air release point on magnetic door gaskets

Excellent sealing and avoids slitting caused by door closing pressure

07.

Reversible door hinge

Able to change on site to ensure smooth work flow

08.

Designed and engineered to operate up to 43°C ambient

Effective in the harshest environment

09.

HACCP compliant

Ensures the food safety of Williams products



11.

Front and top vented refrigeration system

Space saving and allows compact refrigeration equipment set up



12.

Top-mounted refrigeration system with hidden evaporator

Maximises the internal capacity and easy servicing



13.

Adjustable racking system

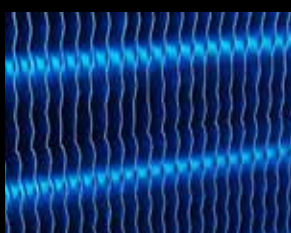
Allows flexible storage and ease of cleaning



14.

Anti-tilt trayslides

Prevents tipping but easy to remove for cleaning



10.

Condenser and evaporator with Hydrophilic aluminium fins

Provides high corrosion resistance properties



15.

Cylindrical door locks

Added security and stock control



16.

Door mullion heaters

Anti-condensation and prevents potential dirt traps



21.

Hygienic one-piece stainless steel dished base with radiused corners

Easy for cleaning and prevents potential dirt traps



17.

Optional Heated film glass door

Anti-condensation and clear visibility



22.

Automatic fan cut out switch for freezer models

Avoids loss of cool air and reducing energy consumption



18.

Removable balloon type magnetic door gaskets

Prevents dirt traps and ensures easy replacement



23.

Forced air circulation system

Ensures fast and even cool air distribution



19.

Self-closing doors

Avoids heat ingress and reduces energy consumption



24.

Optional fully extendable work out drawer

Allows vertical access of the full-loaded GN pan



20.

Over 90° door opening

For easy loading and stock checking



25.

Adjustable legs or castors (Optional)

Maximises flexibility and stability



A refrigerator is the only essential piece of catering equipment to keep operating 24 hours a day, 365 days a year.

Reliability and sustainability are highly significant

to a professional refrigerator. They are also the product commitments of Williams Refrigeration.

Garnet Key Features

Hygienic optimised design with top-mounted refrigeration system



01. Top-mounted refrigeration system with hidden evaporator to maximise the internal capacity
02. Excellent thermal efficiency, high density 75mm thick polyurethane insulation with Zero ODP (Ozone Depletion Potential) and Low GWP (Global Warming Potential)
03. Adjustable racking system allows flexible storage *
04. Anti-condensation door mullion heaters
05. Removable anti-tilt trayslides to prevent tipping *
06. Reversible door hinge allows to change on site to ensure smooth work flow
07. Self-closing doors minimise cool air loss and reduce energy consumption
08. Over 90° door opening allows easy loading and stock checking
09. Hygienic one-piece dished base with radiused corners avoids potential dirt traps
10. Removable balloon type magnetic door gasket with air release points provides an excellent seal to prevent heat ingress, easy replacement and avoiding dirt traps

11. 145Hmm adjustable legs (± 15 Hmm) to ensure stability on an uneven floor
12. Forced air refrigeration system ensures effective air circulation *
13. Static-cooled refrigeration system for FG1T(J) & FG2T(J) to keep fish moist and fresh
14. CoolSmart controller with clear digital display is designed for easy operation
15. Imported, durable and energy-efficient compressor
16. Automatic fan cut out switch for freezer models avoids cool air loss and reduces energy consumption
17. Condenser and evaporator with Hydrophilic aluminium fins provides high corrosion resistance properties *
18. Accurate helium leak detection system ensures the quality of the entire refrigeration system
19. Automatic defrost ensures the evaporator working to its optimum performance *
20. Automatically vaporises defrost water, drainage is not required *
21. Designed and engineered to operate up to 43°C ambient
22. Environmental-friendly CFC-free refrigerant (R134a or R404a)
23. HACCP compliant



11



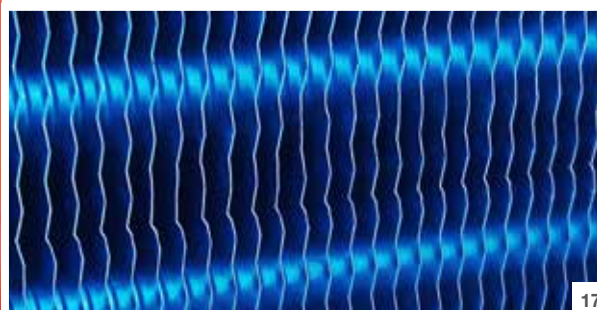
12



14



16



17

* Not available for FG1T(J) and FG2T(J)

Garnet Specification

- Accommodates 2/1 GN size
- Foodsafe 304 grade stainless steel exterior and interior
- Galvanised steel exterior back and base
- Fitted with cylindrical lock for door(s)
- FG1T(J) and FG2T(J) are fitted with 38ømm drainage for maximum cleanliness



Garnet Options



02

- 01. 304 grade stainless steel exterior back / base
- 02. Heated film glass door
- 03. Pass through door (add 37mm to depth)
- 04. 2 or 3 drawers bank for low half section *
- 05. Cylindrical lock for drawer(s)
- 06. Internal LED for door type
- 07. Lock plate
- 08. Castors in lieu of legs
- 09. Accommodate 400 x 600mm size
- 10. Additional shelving / trayslides
- 11. 220V / 60HZ / 1PH

* Available for HG1T(J) and HG2T(J) only



04, 05



08

Garnet Product Code

Example:

HG2T(J)-SS-HGD



1. Temperature Range

H	=	+1/+4 °C
M	=	-2/+2 °C
F*	=	-2/+2 °C
L	=	-19/-22 °C
HL	=	+1/+4 °C & -19/-22 °C

2. Series

G	=	Garnet
---	---	--------

3. Number of compartment

1	=	1 compartment
2	=	2 compartments

4. Type of condensing unit

T	=	Top mounted condensing unit
---	---	-----------------------------

5. Type of Handle

(J)	=	New integral handle
-----	---	---------------------

6. Configuration

SEA	=	Half door
SS	=	Full door

7. Options

HGD	=	Heated film glass door
PT	=	Pass through door
N	=	2 drawers bank
W	=	3 drawers bank

* Fish cabinet (static-cooled system)

Garnet Product List

G1T(J)-SEA **G2T(J)-SEA**



G1T(J)-SS **G2T(J)-SS**



Garnet Technical Data

Model	HG1T(J)	MG1T(J)	FG1T(J)	LG1T(J)	HLG1T(J)
Temp Range (°C)	+1 / +4	-2 / +2	-2 / +2	-19 / -22	+1 / +4 & -19 / -22
External Dimension (mm)					
Width	737				
Depth	824				
Height	1975				
Internal Dimension (mm)					
Width	587				
Depth	683				
Height	1370				Top: 525 Bottom: 565
Thickness of 304 grade stainless steel (mm)					
Exterior	0.7				
Interior	0.6				
Door or drawer	0.8				
Opening Depth (mm)					
Door type	1520				
Drawer type	1515			N/A	
Maximum loading height of drawer (mm per drawer)					
2 drawers bank	215			N/A	
3 drawers bank	100			N/A	
Capacity (cu.ft / litres)	21.7 / 616				18.5 / 525
Power Supply	220V / 50HZ / 1PH				
	13 amp plug				2 x 13 amp plug
Power Input - Running (amps) *					
Door or drawer type	3		4	3 (H) & 2.5 (L)	
Rating Power (watts) *	660		880	660 (H) & 550 (L)	
Compressor (HP)					
Door or drawer type	1/4		5/8	1/4 (H) & 1/2 (L)	
Heat Rejection (watts) (Evaporating at -10°C in 32°C ambient)					
Door or drawers bank	485		1844	485 (H) & 1550 (L)	
Refrigerant	R134a		R404a	R134a (H) & R404a (L)	
Standard fittings for door type					
PE coated shelves	4		N/A	4	
Trayslides (pair)	4		8 for -SS 7 for -SEA	4	

* 20% increase for 60HZ power supply

Note: FG1T(J) is fitted with 38ømm drainage for maximum cleanliness

Garnet Technical Data

Model	HG2T(J)	MG2T(J)	FG2T(J)	LG2T(J)
Temp Range (°C)	+1 / +4	-2 / +2	-2 / +2	-19 / -22
External Dimension (mm)				
Width				1400
Depth				824
Height				1975
Internal Dimension (mm)				
Width				1250
Depth				683
Height				1370
Thickness of 304 grade stainless steel (mm)				
Exterior				0.7
Interior				0.6
Door or drawer				0.8
Opening Depth (mm)				
Door type				1487
Drawer type	1515		N/A	
Maximum loading height of drawer (mm per drawer)				
2 drawers bank	215		N/A	
3 drawers bank	100		N/A	
Capacity (cu.ft / litres)				
45.9 / 1301				
220V / 50HZ / 1PH				
Power Supply				
13 amp plug		2 x 13 amp plug		13 amp plug
Power Input - Running (amps) *				
Door or drawer type	3.5		3 (x2) 4.5	
Rating Power (watts) *				
770		660 (x2)		990
Compressor (HP)				
Door or drawer type	1/3		1/4 (x2) 1	
Heat Rejection (watts) (Evaporating at -10°C in 32°C ambient)				
Door or drawers bank	623		970 3389	
Refrigerant				
R134a			R404a	
Standard fittings for door type				
PE coated shelves	8		N/A 8	
Trayslides (pair)	8		16 for -SS 14 for -SEA 8	

* 20% increase for 60HZ power supply

Note: FG2T(J) is fitted with 38ømm drainage for maximum cleanliness