

# Upright Cabinet Series

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## 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**

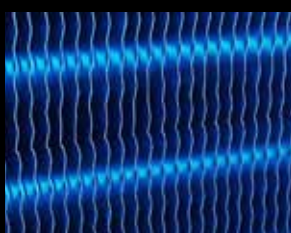
*Allows flexible storage and ease of cleaning*



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.

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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 ( $\pm 15$  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



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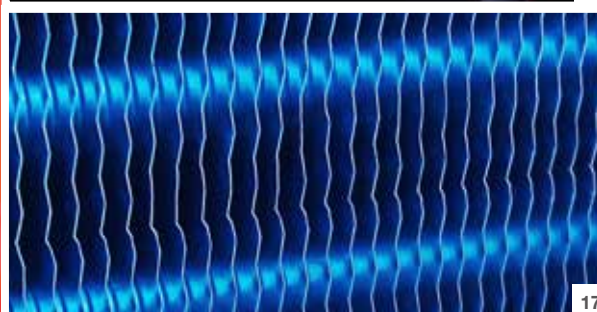
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16



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



- 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

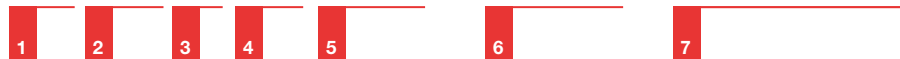




# Garnet Product Code

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
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### 3. Number of compartment

1	=	1 compartment
2	=	2 compartments

### 4. Type of condensing unit

T	=	Top mounted condensing unit
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### 5. Type of Handle

(J)	=	New integral handle
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### 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)
<b>Temp Range (°C)</b>	+1 / +4	-2 / +2	-2 / +2	-19 / -22	+1 / +4 & -19 / -22
<b>External Dimension (mm)</b>					
Width	737				
Depth	824				
Height	1975				
<b>Internal Dimension (mm)</b>					
Width	587				
Depth	683				
Height	1370				Top: 525 Bottom: 565
<b>Thickness of 304 grade stainless steel (mm)</b>					
Exterior	0.7				
Interior	0.6				
Door or drawer	0.8				
<b>Opening Depth (mm)</b>					
Door type	1520				
Drawer type	1515			N/A	
<b>Maximum loading height of drawer (mm per drawer)</b>					
2 drawers bank	215			N/A	
3 drawers bank	100			N/A	
<b>Capacity (cu.ft / litres)</b>	21.7 / 616				18.5 / 525
<b>Power Supply</b>	220V / 50HZ / 1PH				
	13 amp plug				2 x 13 amp plug
<b>Power Input - Running (amps) *</b>					
Door or drawer type	3		4	3 (H) & 2.5 (L)	
<b>Rating Power (watts) *</b>	660		880	660 (H) & 550 (L)	
<b>Compressor (HP)</b>					
Door or drawer type	1/4		5/8	1/4 (H) & 1/2 (L)	
<b>Heat Rejection (watts) (Evaporating at -10°C in 32°C ambient)</b>					
Door or drawers bank	485		1844	485 (H) & 1550 (L)	
<b>Refrigerant</b>	R134a		R404a	R134a (H) & R404a (L)	
<b>Standard fittings for door type</b>					
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)
<b>Temp Range (°C)</b>	+1 / +4	-2 / +2	-2 / +2	-19 / -22
<b>External Dimension (mm)</b>				
Width				1400
Depth				824
Height				1975
<b>Internal Dimension (mm)</b>				
Width				1250
Depth				683
Height				1370
<b>Thickness of 304 grade stainless steel (mm)</b>				
Exterior				0.7
Interior				0.6
Door or drawer				0.8
<b>Opening Depth (mm)</b>				
Door type				1487
Drawer type	1515		N/A	
<b>Maximum loading height of drawer (mm per drawer)</b>				
2 drawers bank	215		N/A	
3 drawers bank	100		N/A	
<b>Capacity (cu.ft / litres)</b>				
45.9 / 1301				
220V / 50HZ / 1PH				
<b>Power Supply</b>	13 amp plug		2 x 13 amp plug	13 amp plug
<b>Power Input - Running (amps) *</b>				
Door or drawer type	3.5		3 (x2)	4.5
<b>Rating Power (watts) *</b>				
770		660 (x2)		990
<b>Compressor (HP)</b>				
Door or drawer type	1/3		1/4 (x2)	1
<b>Heat Rejection (watts) (Evaporating at -10°C in 32°C ambient)</b>				
Door or drawers bank	623		970	3389
<b>Refrigerant</b>				
R134a			R404a	
<b>Standard fittings for door type</b>				
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