

GARNET CABINET TECHNICAL DATASHEET

G1 GARNET ONE DOOR CABINET



G1

Dimensions (mm)	External	Internal
Width	727	567
Depth	824	665
Height	1960	1411
Door Opening		567
Capacity		
Capacity cu.ft/ltrs		21.9/620

Heated Garnet has an increased width of 737mm

KEY FEATURES

- Foodsafe stainless steel exterior and interior
- Radiused, easy clean, interior based corners
- Self closing doors
- Barrel locked doors
- Magnetic balloon door gaskets with 100% tight seal
- Fitted with 4 of 2/1GN nylon coated wire shelves per section as standard or trayslides to accommodate 2/1GN containers
- Anti-tilt trayslides
- Removable racking system
- Precision injected, high density 80mm polyurethane insulation with low GWP (Global Warming Potential) and zero ODP (Ozone Depletion Potential).
- Heavy duty, non-marking swivel castors with brakes
- Top mounted removable refrigeration system
- CoolSmart controller
- Designed and engineered to operate efficiently up to 43°C ambient
- Fully automatic air cooled condensing unit
- Defrost water is vaporised using recycled heat from compressor
- High performance helium leak testing

G2 GARNET TWO DOOR CABINET



G2

Dimensions (mm)	External	Internal
Width	1400	1240
Depth	824	665
Height	1960	1411
Door Opening		567
Capacity		
Capacity cu.ft/ltrs		45.7/1295

OPTIONS

- Aluminium interior
- Additional shelving / trayslides
- Left hand door hang
- Adjustable legs in lieu of castors (add 10mm to height)
- Hydrocarbon version
- Glycol secondary system



GARNET CABINET TECHNICAL DATA

	HG1T	MG1T	LG1T	CFG1T	FG1T	XG1T	HG2T	MG2T	LG2T	CFG2T	FG2T	XG2T
Temperature (°C)	+1/+4°C	+2/-2°C	-18/-22°C	0/+3°C	+2/-2°C	+78/+83°C	+1/+4°C	+2/-2°C	-18/-22°C	0/+3°C	+2/-2°C	+78/+83°C
Climate Class	Class 4 (30°C)	-	Class 4 (30°C)	Class 4 (30°C)	-	-	Class 4 (30°C)	-	Class 4 (30°C)	Class 4 (30°C)	-	-
Power Supply	230V/50Hz/1Ph											
Fuse (Amps)	13	13	13	13	13	13	13	13	13	13	13	13
Defrost	Automatic Off Cycle	Automatic Electric	Automatic Electric	Automatic Off Cycle	Automatic Off Cycle		Automatic Off Cycle	Automatic Electric	Automatic Electric	Automatic Off Cycle	Automatic Off Cycle	-
Noise level (dBA)	59	59	61	59	58	-	66	59	70	66	-	-

Fittings

Shelves	4	4	4	4	8	4	8	8	8	8	16	8
Trayslides per door	8	8	8	8	16	8	16	16	16	16	32	16

Electrical / Energy Data - Standard Refrigerant

Refrigerant	R134a	R134a	R404A	R134a	R134a	-	R134a	R134a	R404A	R134a	R134a	-
Energy Efficiency Class	C	-	D	C	-	-	D	-	D	D	-	-
Energy Consumption (kW / 24hrs)	1.69	-	5.67	1.69	-	-	3.29	-	11.10	3.29	-	-
Start Up (Amps)	9.6	9.6	14.2	9.6	10.7	12	13.7	13.7	26	13.7	15.7	15.7
Running (Amps)	2.06	2.06	3.42	2.06	3	11.5	2.81	2.81	3.86	2.81	3.5	3.5
Heat Rejection	407	407	589	407	565	-	710	710	1084	710	737	-

Electrical / Energy Data - Hydrocarbon Refrigerant

Refrigerant	R290	R290	R290	R290	R290	-	R290	-	R290	-	R290	-
Energy Efficiency Class	C	-	D	C	-	-	C	-	D	-	-	-
Energy Consumption (kW / 24hrs)	1.42	-	5.35	1.42	-	-	3.13	-	10.61	-	-	-
Start Up (Amps)	9.5	9.5	16.6	9.5	12.6	-	13.5	-	35	-	12.6	-
Running (Amps)	1.64	1.64	2.8	1.64	1.93	-	2.81	-	3.63	-	1.93	-
Heat Rejection	484	484	623	484	710	-	768	-	1057	-	1420	-

IMPORTANT NOTES:

*Energy consumption is tested to EN16825 in 24hrs

**Heat rejection is evaporating at -10°C in 32°C Ambient

NB: Fish models require connection to a main drain

Allow minimum of 500mm above cabinet for maintenance and ventilation. All refrigeration equipment requires adequate ventilation for efficient and effective performance.

Williams is committed to a policy of continual product development and innovation. As such, we reserve the right to change product specifications stated without prior notice.

Williams Refrigeration
Bryggen Road,
North Lynn Industrial Estate
King's Lynn, Norfolk. PE30 2HZ

T +44(0) 1553 817 000
Spares: +44(0) 1553 817 017
E info@williams-refrigeration.co.uk
W www.williams-refrigeration.co.uk

