

JADE CABINET TECHNICAL DATASHEET



Dimensions (mm)	J1		J2		J300U		J400U		J500U	
	External	Internal	External	Internal	External	Internal	External	Internal	External	Internal
Width	727	567	1400	1240	595	445	695	545	727	567
Depth	824	665	824	665	684	477	684	477	837	660
Height	1960	1411	1960	1411	1956	1315	1956	1315	1940	1332
Door Opening		567		567		445		545		567
Capacity	cu.ft/ltrs									
Capacity cu.ft/ltrs	21.9/620		45.7/1295		11.8/335.5		14.5/410		18.5/523	

KEY FEATURES

- Foodsafe stainless steel exterior and aluminium interior
 - Full length integral 'easy grab' door handle
 - Radiused, easy clean, interior based corners
 - Self closing doors
 - Barrel locked doors
 - Magnetic balloon door gaskets with 100% tight seal
 - J1, J2 and J500 units are fitted with 3 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
 - J1 and J2 have the NEW capacitive touch CoolSmart Controller, with an easy wipe clean IP 55 rated display.
 - J300, J400 and J500 have the CoolSmart Controller with electro-mechanical buttons. IP55 rated display.
 - Designed and engineered to operate efficiently up to 43°C ambient
 - Air cooled condensing unit
- Defrost water is vaporised using recycled heat from compressor
 - High performance helium leak testing
 - Connection to third party supervisory communication systems such as BMS is possible using proprietary equipment. Please contact Williams for more information.

OPTIONS

- Stainless steel interior
- Additional shelving / trayslides
- Left hand door hang
- Adjustable legs in lieu of castors (add 10mm to height, 40mm to the J300U/ J400U)



JADE CABINET TECHNICAL DATA

	HJ1	MJ1	LJ1	HJ2	MJ2	LJ2	HJ300U	LJ300U	HJ400U	LJ400U	HJ500U	LJ500U
Temperature (°C)	+1/+4°C	-2/+2°C	-18/-22°C	+1/+4°C	-2/+2°C	-18/-22°C	+1/+4°C	-18/-22°C	+1/+4°C	-18/-22°C	+1/+4°C	-18/-22°C
Climate Class	Class 5 (40°C)	Class 4 (30°C)	Class 5 (40°C)	Class 5 (40°C)	Class 4 (30°C)	Class 5 (40°C)	Class 5 (40°C)	Class 5 (40°C)	Class 5 (40°C)	Class 5 (40°C)	Class 5 (40°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 Electric	Automatic Electric	Automatic Off Cycle	Automatic Electric	Automatic Off Cycle	Automatic Electric	Automatic Off Cycle	Automatic Electric
Noise level (dBA)	63	63	63	65	65	70	63	61	63	61	63	61
Refrigeration System	Top Mounted						Bottom Mounted					

Fittings

Shelves	3	3	3	6	6	6	3	3	3	3	3	3
Trayslides per section	6	6	6	6	6	6	6	6	6	Fixed	6	6

Electrical / Energy Data - Standard Refrigerant

Refrigerant	R290	R290	R290	R290	R290	R290	R290	R290	R290	R290	R290	R290
Energy Efficiency Class	A	C	C	B	D	D	C	D	C	D	C	D
Energy Consumption (kW / 24hrs)*	0.82	1.83	4.48	2.07	4.3	9.16	1.32	4.82	1.19	5.21	1.77	6.85
Start Up (Amps)	4.8	4.8	10.3	6.6	6.6	21.5	6.6	9.5	6.6	13.5	6.6	9.5
Running (Amps)	0.6	0.6	1.26	1.2	1.26	2.65	1.04	2.47	0.99	1.88	0.99	2.59
Heat Rejection (Watts)**	499	499	504	910	910	1013	692	623	692	554	692	623
Power Input (kW)	0.147	0.364	0.364	0.285	0.784	0.777	0.229	0.398	0.209	0.398	0.23	0.484

IMPORTANT NOTES:

*Energy consumption is tested to EN16825 in 24hrs

**Evaporating at -10°C in 32°C Ambient

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



JADE FISH CABINET TECHNICAL DATASHEET

J1 JADE ONE DOOR CABINET



J1

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

KEY FEATURES

- Foodsafe stainless steel exterior and interior
- Radiused, easy clean, interior based corners
- Self closing door
- Barrel locked door
- Magnetic balloon door gasket with 100% tight seal
- Supplied with 8 of 2x1 GN 100mm pans with slime trays, 16 fixed trayslides (8 per side)
- 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 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
- Connection to third party supervisory communication systems such as BMS is possible using proprietary equipment. Please contact Williams for more information.

OPTIONS

- Left hand door hang
- Adjustable legs in lieu of castors (add 10mm to height)



JADE FISH CABINET TECHNICAL DATA

	FJ1
Temperature (°C)	-2/+2°C
Climate Class	-
Power Supply	230V/50Hz/1Ph
Fuse (Amps)	13
Defrost	Manual
Noise level (dBA)	58
Fittings	
2x1 GN 100mm deep pans with slime trays	8
Trayslides	16
Electrical / Energy Data - Standard Refrigerant	
Refrigerant	R290
Energy Efficiency Class	-
Energy Consumption (kW / 24hrs)	-
Start Up (Amps)	12.6
Running (Amps)	1.93
Heat Rejection (Watts)*	710
Power Input (kW)	0.23

IMPORTANT NOTES:

NB: Fish models require connection to a main drain	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.
*Heat rejection is evaporating at -10°C in 32°C Ambient	
Allow minimum of 500mm above cabinet for maintenance and ventilation. All refrigeration equipment requires adequate ventilation for efficient and effective performance.	

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JADE HEATED CABINET TECHNICAL DATASHEET

J1 JADE ONE DOOR CABINET



J1

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

KEY FEATURES

- Foodsafe stainless steel exterior and interior
- Radiused, easy clean, interior based corners
- Self closing door
- Barrel locked door
- Magnetic balloon door gasket with 100% tight seal
- Fitted with 3 of 2/1GN nylon coated wire shelves 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
- CoolSmart controller
- Designed and engineered to operate efficiently up to 43°C ambient
- Connection to third party supervisory communication systems such as BMS is possible using proprietary equipment. Please contact Williams for more information.

OPTIONS

- Additional shelving / trayslides
- Left hand door hang
- Adjustable legs in lieu of castors (add 10mm to height)



JADE HEATED CABINET TECHNICAL DATA

	XJ1
Temperature (°C)	+78/+83°C
Climate Class	-
Power Supply	230V/50Hz/1Ph
Fuse (Amps)	13
Defrost	-
Fittings	
Shelves	3
Trayslides per door	6
Electrical / Energy Data - Standard Refrigerant	
Start Up (Amps)	12
Running (Amps)	11.5
Power Input (kW)	2.7

IMPORTANT NOTES:

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

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