

# 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
- CoolSmart controller
- 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

## 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)
- Hydrocarbon version
- Glycol secondary system

\*J500 is constructed from stainless steel exterior and interior



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	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 4 (30°C)	-	Class 4 (30°C)	Class 4 (30°C)	-	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 Electric	Automatic Electric	Automatic Off Cycle	Automatic Off Cycle	Automatic Off Cycle	Manual	Automatic Off Cycle	Automatic Electric
Noise level (dBA)	59	59	61	66	66	70	-	-	59	61	59	61
Refrigeration System	----- Top Mounted -----						----- Bottom Mounted -----					

## Fittings

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

## Electrical / Energy Data - Standard Refrigerant

Refrigerant	R134a	R134a	R404A	R134a	R134a	R404A	R134a	R404A	R134a	R134a	R134a	R404A
Energy Efficiency Class	C	-	D	D	-	D	C	D	D	-	D	D
Energy Consumption (kW / 24hrs)	1.69	-	5.67	3.29	-	11.10	1.29	5.35	1.52	-	1.90	7.13
Start Up (Amps)	9.6	9.6	16.6	13.7	13.7	13.7	9.6	9.6	9.6	9.6	9.6	9.6
Running (Amps)	2.06	2.06	3.42	2.81	2.81	3.63	1.72	2.37	1.93	1.75	1.6	2.48
Heat Rejection	407	407	589	710	710	1088	407	589	407	255	407	589

## Electrical / Energy Data - Hydrocarbon Refrigerant

Refrigerant	R290	R290	R290	R290	R290	R290	R290	R290	R290	R290	R290	R290
Energy Efficiency Class	C	-	D	C	-	D	C	D	D	-	D	D
Energy Consumption (kW / 24hrs)	1.42	-	5.35	3.13	-	10.61	1.25	4.82	1.69	-	1.91	6.85
Start Up (Amps)	9.5	9.5	14.2	13.5	13.5	13.5	9.5	9.5	9.5	9.5	9.5	9.5
Running (Amps)	1.64	1.64	2.8	1.42	1.42	3.63	1.7	2.47	1.75	1.91	1.67	2.59
Heat Rejection	484	484	623	768	769	1068	484	623	484	277	484	623

### IMPORTANT NOTES:

\*Energy consumption is tested to EN16825 in 24hrs

\*\*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.

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.

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