WILLIAMS REFRIGERATION

JADE RANGE

HIGH PERFORMANCE CABINETS AND COUNTERS

WWW.WILLIAMS-REFRIGERATION.CO.UK

Our bestselling range of counters and cabinets

Williams' Jade range of cabinets and counters offers extensive choice across configurations, temperatures and sizes, ensuring the perfect solution for your operation.

Williams Refrigeration designs and manufactures professional refrigeration trusted by chefs and consultants worldwide. Renowned for quality, reliability and innovation, our product range includes cabinets and counters, blast chillers, coldrooms, backbar and specialist bakery equipment.

Our customer commitment helps you meet the demands of food safety and energy efficiency legislation. Our competitive pricing, professional advice, innovative design and after sales service support attracts customers from all sectors of the market – including many of the world's leading hospitality and retail organisations.

Williams 'right first time' philosophy means that our products provide years of trouble-free operation and are easy to service and maintain.

WILLIAMS' JADE RANGE AT A GLANCE

✓ Standard - Not available o Option	Cabinets	Counters
Stainless steel exterior and aluminium interior	✓	✓
Zero ODP/GWP low foam insulation	✓	✓
Anti-tilt shelving, racking supports	✓	✓
Left hand door hang	o	-
Heavy duty swivel castors with brakes	✓	✓
Bottom mounted refrigeration	✓*	-
Top mounted refrigeration	✓**	-
CoolSmart controller	✓	✓
Automatic defrost	✓	✓
Anti-condensation heaters	✓	✓
Waste heat recovery vapouriser	✓	✓
Adjustable operating temperature	✓	✓
Barrel locks	✓	✓
Designed to 43°C ambient	✓	✓
Reverse unit cassette system	-	o
Splashback	-	o
2 Drawer bank set	-	o
3 Drawer bank set	-	o ***
Raised pan holder (H Temp only)	-	o ***
Cut out well (H Temp only)	-	o ***
Slimline version	✓****	o ***
Biscuit Top version	-	o ***
Glass door and light (H Temp only)	✓	-
Wifi enabled (MultiTemp only)	✓	✓

** J300U, J400U and J500U only*
*** J1 and J2 only*
**** Not available on MultiTemp Models*
***** J300U and J400U only*

JADE RANGE

Our range of Jade cabinets and counters are amongst our greenest products, using the latest components and manufacturing techniques to maximise energy efficiency. Williams is committed to developing refrigeration that reduces running costs while minimising environmental impact.

The Jade family provides an all-round solution for many different applications. From food preparation to refrigerated and freezer storage, to the flexibility of the MultiTemp range offering precise control from -22°C to +8°C, the Jade range covers every application.

Built to withstand the harshest kitchen environments, the Jade range combines robust, food-safe stainless steel construction with flexibility. With a wide range of models and customisation options - including slimline versions, drawer configurations, glass doors and raised pan holders - there's a Jade solution for every kitchen layout.

It's all part of our commitment to make refrigeration that's practical, energy efficient, reliable and fit for purpose.

FEATURES AND BENEFITS

Foodsafe professional stainless steel exterior / interior base and back of door / aluminium walls provide hygienic, durable and easy to clean surfaces.

Designed and engineered to operate efficiently in the harshest of environments such as in a 43°C ambient.

Precision injected, high density polyurethane insulation provides maximum thermal properties with low GWP and zero ODP and further strengthens the unit.

Reversible door hanging on cabinets encourages efficient workflow reducing the risk of accidents and providing the ability to change in-situ.

180° Self-closing doors minimise heat ingress and energy consumption while allowing easy loading of large trays and pans.

Thermal break reduces heat gain through the door gasket and provides added protection, reducing wear and tear.

Heavy duty, PVC, magnetic balloon gaskets with welded corners provide durability and 100% tight seal preventing heat ingress.

Door balloon gaskets designed with air release points avoid slitting caused by compression when door is closed.

Enhanced airflow design ensures uniform air distribution, eliminating warm spots while maintaining a constant temperature.

Natural hydrocarbon refrigerant with low GWP/ zero ODP that respects the environment.

CoolSmart is a capacitive touch controller designed for easy operation and features clear (white) digital display* and visual alarms for safe performance.

- **Sleek** design
- **Easy** to wipe clean
- **IP 55** rated (can be exposed to water)
- **Easy servicing** with clear diagnostics
- **HACCP** compliant

Integral door handle provides a non-slip 'grab' - essential in a busy kitchen - while being easy to clean with no potential dirt traps.

Fan cut out switch stops warm air being circulated within the cabinet, conserving energy.

Low wattage mullion heaters use low amounts of energy but effectively prevents condensation forming.

Slimline and biscuit top counter models feature a reduced depth and height, allowing for seamless integration into any size kitchen.

Raised pan holders and cut out wells makes advanced preparation of ingredients easy by combining powerful counter storage with table top prep areas.

Counter freezer drawers and pull out internal drawers offer increased flexibility ensuring ingredients are to hand when needed regardless of temperature.

EC evaporator fans provide improved heat rejection for greater efficiency and reduced energy consumption.

Barrel locked doors for added security and stock control.

Anti-tilt tray slides stop shelves from tipping - easy to remove and reposition.

Filler shelf increases the usable volume in two door cabinets.

Versatile, removable racking system with nylon coated shelving provides flexible storage and ease of cleaning.

Easy to clean, one piece stainless steel dished base with radiused corners reduces potential dirt traps.

Delivered to site with heavy duty swivel castors with roller bearings and brakes for improved mobility and stability.

High performance leak testing of entire system guarantees system efficiency, reducing energy consumption. F-Gas & PED compliant.

** J300U / J400U & J500U have a non capacitive touch controller with red digital display.*

JADE CABINETS

Williams' Jade range of one and two door refrigerated cabinets give you better energy efficiency and more storage than ever before.

Williams' Jade range of refrigerated cabinets delivers robust, energy efficient refrigeration with standout design. Featuring the latest components and manufacturing techniques, the Jade cabinets provides an all-round solution for many different applications.

ROBUST REFRIGERATION

The entire Jade range has been engineered for maximum performance and efficiency. The tough stainless steel exterior is designed specifically to withstand the rigours of day-to-day operation in the busiest kitchens, while the high-performance refrigeration system delivers consistent temperature control, even in 43°C ambient.

Precision-injected, high-density 80mm polyurethane insulation with zero ODP and low GWP provides excellent thermal efficiency, allowing them to maintain internal temperatures in high ambient environments whilst adding extra cabinet strength.

ENERGY EFFICIENCY

Jade cabinets feature multiple technologies to minimise energy consumption, including waste heat recovery vaporisers, automatic defrost, and the CoolSmart touchscreen controller which only runs the refrigeration system when required.

Self-closing doors feature heavy-duty balloon gaskets to provide a 100% tight seal, reducing heat ingress whilst the air release points decrease wear and tear on the gasket.

Selected models feature energy efficient anti-condensation mullion heaters, eliminating condensation build-up and potential slip hazards.

PRACTICAL FEATURES

All Jade cabinets are supplied with heavy-duty, non-marking swivel castors with front brakes and are designed to fit through a standard doorway for ease of installation.

The easy-grab door handle is non-slip and easy to clean with no potential dirt traps. Meanwhile the one-piece dished base with radiused corners, and removable racking system also make cleaning simple.

Adjustable anti-tilt shelving provides flexible storage and product stability.

MODELS TO SUIT EVERY NEED

Slimline Cabinets offer the same performance as standard Jade models with a reduced depth, ideal where space is at a premium.

Fish Temperature Cabinets maintain precise -2°C to +2°C temperatures for optimal fresh fish and seafood storage. Copper piping is positioned within the insulation foam to protect against ammonia exposure, while the absence of internal fans or fin coil evaporators reduces corrosion risk. Standard waste drains allow connection to the main drainage system.

Heated Cabinets hold prepared food safely between +78°C and +83°C, making them ideal for banqueting operations and buffet service.

HJ1

THERMAL BREAK

J400U

HEAVY DUTY CASTORS

J500U

J2 GD

EASY GRAB DOOR

JADE COUNTERS

Williams Jade counters offer an unrivalled combination of reliability, flexibility, standout design and energy efficient refrigeration.

Available in two, three and four door configurations, with chilled, freezer and meat chilling temperatures, the Jade range provides the perfect solution for low level storage and preparation.

BUILT TO LAST

With their tough, foodsafe stainless steel exterior and high performance refrigeration system, Jade counters have proven themselves in the hottest and most stressful kitchens, and you can be sure they are built to last.

Natural hydrocarbon refrigeration with precision injected, high-density polyurethane insulation gives extra strength while providing superior thermal efficiency with low GWP and zero ODP.

ENERGY EFFICIENCY

Jade counters feature multiple technologies to minimise energy consumption, including waste heat recovery vaporisers, automatic defrost, and the CoolSmart touchscreen controller which only runs the refrigeration system when required.

Heavy-duty balloon gaskets and an enhanced thermal break deliver a 100% tight door seal. Self-closing doors with 180° opening reduce temperature gain while allowing easy loading of large trays and pans.

PRACTICAL FEATURES

All Jade counters are supplied with heavy duty, non-marking swivel castors with front brakes for easy positioning and stability.

The easy-grab door handle, one-piece stainless steel dished base with radiused corners and removable racking system maintain the highest hygiene standards.

Front breathing refrigeration allows counters to fit into tight spaces with no ventilation gaps, while barrel locked doors provide security and stock control.

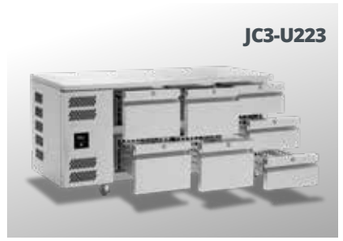
MODELS TO SUIT EVERY NEED

Slimline Counters provide the same features as standard Jade counters with a reduced depth of only 500mm – ideal for kitchens where space is at a premium.

Biscuit Top Models are designed to seamlessly fit into existing kitchen designs, sliding easily under pre-fabricated worktops for low level storage.

Drawer Options help organise produce in the order you'll need it, reducing search time. Available with two and three door drawer banks, or freezer drawers on two door counters.

Raised pan holders or cut out wells combine powerful counter storage with easy-access ingredients, ideal for dessert prep, pizza assembly, sandwiches or tapas.



JADE MULTITEMP CABINETS & COUNTERS

Williams Jade MultiTemp units offer a single, flexible solution that adapts to changing kitchen storage needs.

The MultiTemp range offers caterers a single solution to meet the specific temperature requirements of different food types, operating from +8°C to - 22°C.

TOTAL FLEXIBILITY

For any chef wanting to keep food in top condition, the correct temperature is essential. Traditionally, best quality storage requires a dedicated unit for each food type – from meat at -2°C to +2°C, ice cream at -10°C to -21°C to cheese at +5°C to +8°C.

Jade MultiTemp units offer a fully flexible alternative. When menus change or seasonal specials are introduced, units can be quickly adjusted to meet the specific temperature requirements of different food types.

They can also provide reliable backup should a fridge or freezer break down, ensuring your kitchen stays operational 24/7.

.PRECISE CONTROL

The intuitive control panel allows temperature adjustment by simply scrolling through the range.

Units maintain precise temperature control to within 0.1°C accuracy across the entire temperature range, guaranteeing optimal conditions for any food type.

The VVJ1 single-door cabinet features two independently controlled sections with dual controllers. This allows you to run fridge and freezer temperatures simultaneously within a single footprint for ultimate flexibility.

CONNECTIVITY

All Jade MultiTemps are WiFi enabled and come with a connectivity module allowing users to connect to either their own system or to a dedicated Williams connectivity platform.

Connectivity allows for remote monitoring and temperature adjusting, HACCP logging and trend analysis of individual units.

By eliminating manual recording, MultiTemp offers a major quality-of-life upgrade for busy kitchens.

MODELS TO SUIT EVERY NEED

Five Jade MultiTemp models are available: two and three door counters; one and two door cabinets; and a one door cabinet featuring two independently controlled half door sections.

Built to the same high specifications as the popular Jade range, MultiTemps feature robust stainless steel construction, energy efficient refrigeration systems and natural refrigerant.

Counters can be specified with a bank of two drawers, and 'reverse units' with right hand side refrigeration are available for flexible kitchen planning.

VJC2 - REFRIGERATOR

VJC2 - CHEESE

VJC2 - FROZEN

VJ1 - REFRIGERATOR

VJ1 - CHEESE

VJ1 - FROZEN

VJ1 - ICE CREAM

WIFI ENABLED

VJC2-U11

VVJ1T

TECHNICAL DATA

JADE 1 DOOR CABINET

w727(567) x d824(665) x h1960(1411)

Model	Temp °C	Running Amps	Shelves	Gross Capacity	Energy Grade
HJ1	+1/+4	0.6	3	620*(21.9)*	A
MJ1	-2/+2	0.6	3	620*(21.9)*	C
LJ1	-18/-22	1.26	3	620*(21.9)*	C
VJ1	+8/-22	1.2	3	620*(21.9)*	C
VVJ1	+8/-22	3.89	6	192*(6.7)*	D
FJ1	-2/+2	1.93	3	620*(21.9)*	-
XJ1	+78/+83	11.5	3	620*(21.9)*	-

JADE 2 DOOR CABINET

w1400(1240) x d824(665) x h1960(1411)

Model	Temp °C	Running Amps	Shelves	Gross Capacity	Energy Grade
HJ2	+1/+4	1.2	6	1295*(45.7)*	B
MJ2	-2/+2	1.26	6	1295*(45.7)*	D
LJ2	-18/-22	2.65	6	1295*(45.7)*	D
VJ2	+8/-22	2.04	6	1295*(45.7)*	C

JADE J300U 1 DOOR CABINET

w595(445) x d684(477) x h1956(1315)

Model	Temp °C	Running Amps	Shelves	Gross Capacity	Energy Grade
HJ300U	+1/+4	1.04	3	335.5*(11.8)*	C
LJ300U	-18/-22	2.47	3	335.5*(11.8)*	D

JADE J400U 1 DOOR CABINET

w695(545) x d684(477) x h1956(1315)

Model	Temp °C	Running Amps	Shelves	Gross Capacity	Energy Grade
HJ400U	+1/+4	0.99	3	410*(14.5)*	C
LJ400U	-18/-22	1.91	6	410*(14.5)*	D

JADE J500U 1 DOOR CABINET

w727(567) x d837(660) x h1940(1332)

Model	Temp °C	Running Amps	Shelves	Gross Capacity	Energy Grade
HJ500U	+1/+4	0.99	3	*523(18.5)*	C
LJ500U	-18/-22	2.59	3	*523(18.5)*	D

JADE 1 DOOR PASS THROUGH CABINET

w727(567) x d824(692) x h1960(1411)

Model	Temp °C	Running Amps	Shelves	Gross Capacity	Energy Grade
HJ1SS GD PT	+1/+4	1.1	4	*620(21.9)*	-

TECHNICAL DATA

JADE 2 DOOR COUNTER

w1338(833) x d700(561) x h857(573)

Model	Temp °C	Running Amps	Shelves	Gross Capacity	Energy Grade
HJC2	+1/+4	0.68	4	317*(11.2)*	A+
MJC2	-2/+2	1.2	4	317*(11.2)*	B
LJC2	-18/-22	1.38	4	317*(11.2)*	C
VJC2	+8/-22	2.04	4	317*(11.2)*	C

JADE 3 DOOR COUNTER

w1800(1295) x d700(561) x h857(573)

Model	Temp °C	Running Amps	Shelves	Gross Capacity	Energy Grade
HJC3	+1/+4	0.68	6	469*(16.56)*	A+
MJC3	-2/+2	1.24	6	469*(16.56)*	C
LJC3	-18/-22	1.38	6	469*(16.56)*	C
VJC3	+8/-22	1.38	6	469*(16.56)*	C

JADE 4 DOOR COUNTER

w2262(1758) x d700(561) x h857(573)

Model	Temp °C	Running Amps	Shelves	Gross Capacity	Energy Grade
HJC4	+1/+4	0.68	8	622*(22)*	A+

JADE SLIMLINE 2 DOOR COUNTER

w1400(870) x d500(385) x h857(600)

Model	Temp °C	Running Amps	Shelves	Gross Capacity	Energy Grade
HJSC2	+1/+4	1.07	4	244*(8.6)*	B
LJSC2	-18/-22	2.69	4	244*(8.6)*	D

JADE SLIMLINE 3 DOOR COUNTER

w1880(1350) x d500(385) x h857(600)

Model	Temp °C	Running Amps	Shelves	Gross Capacity	Energy Grade
HJSC3	+1/+4	1.07	6	374*(13.2)*	B
LJSC3	-18/-22	2.69	6	374*(13.2)*	D

JADE BISCUIT TOP 2 DOOR COUNTER

w1338(833) x d700(561) x h827(573)

Model	Temp °C	Running Amps	Shelves	Gross Capacity	Energy Grade
HJBTC2	+1/+4	0.68	4	317*(11.2)*	A+
MJBTC2	-2/+2	1.2	4	317*(11.2)*	B
LJBTC2	-18/-22	1.38	4	317*(11.2)*	C

JADE BISCUIT TOP 3 DOOR COUNTER

w1800(1295) x d700(561) x h827(573)

Model	Temp °C	Running Amps	Shelves	Gross Capacity	Energy Grade
HJBTC3	+1/+4	0.68	6	469*(16.56)*	A+
MJBTC3	-2/+2	1.24	6	469*(16.56)*	C
LJBTC3	-18/-22	1.38	6	469*(16.56*	C

JADE REMOTE

JC2R - w1231(870) x d700(585) x h887(600)
JC3R - w1711(1350) x d700(585) x h887(600)

Model	Temp °C	Running Amps	Shelves	Gross Capacity	Energy Grade
JC2R	+1/+4	0.5	4	374*(13.2)*	-
LJC2R	-18/-22	0.5	4	374*(13.2)*	-
HJC3R	+1/+4	0.5	6	545*(19.2)*	-
LJC3R	-18/-22	0.5	6	545*(19.2)*	-

Note:
All dimensions are in mm unless otherwise stated.
Dimensions are shown external(internal).
Capacities are shown in litres(cubic feet) unless otherwise stated.

Full Technical Details including energy grades can be found at www.williams-refrigeration.co.uk/info-centre

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Installation of all Williams products requires adequate ventilation.

Williams has recently upgraded its products. As such the 'on location' images used here, differ slightly to the new range. For true new model representation please refer to the individual product images.

Williams reserves the right to modify the design, materials and finish in accordance with its progressive development policy.

Williams Refrigeration is a trading name of AFE Group Limited.
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The Spirit of Excellence