



WILLIAMS REFRIGERATION

# REFRIGERATED COUNTERS

HIGH PERFORMANCE REFRIGERATED COUNTERS

[WWW.WILLIAMS-REFRIGERATION.CO.UK](http://WWW.WILLIAMS-REFRIGERATION.CO.UK)

## The comprehensive range of refrigerated counters

Williams' range of counters offers a dazzling array of options, temperatures and sizes meaning there is always a Williams counter for you.

Williams Refrigeration is a leading manufacturer of professional refrigeration with a global reputation for delivering excellence.

Our extensive product range includes high performance, energy efficient and environment friendly refrigerated 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 its products provide years of trouble-free operation and are easy to service and maintain.

### Greenlogic:

Through the Greenlogic initiative, Williams is committed to supplying the most sustainable commercial refrigeration in today's market. For more information visit [www.greenlogic.info](http://www.greenlogic.info)

## WILLIAMS' COUNTERS AT A GLANCE

✓ Standard - Not available    o Optional	Opal	Emerald	Jade	Under Broiler
Stainless steel exterior and interior	✓	✓	-	✓
Stainless steel base	-	-	✓	-
Zero ODP/GWP low foam insulation	✓	✓	✓	✓
Anti-tilt shelving, racking supports	✓	✓	✓	-
Heavy duty swivel castors with brakes	✓	✓	✓	✓
CoolSmart controller	✓	✓	✓	✓
Automatic defrost	✓	✓	✓	✓
Anti-condensation heaters	✓	✓	✓	✓
Waste heat recovery vapouriser	✓	✓	✓	✓
Adjustable operating temperature	✓	✓	✓	✓
Barrel locks	✓	✓	✓	-
Hydrocarbon version	o	o	o	o
Designed to 43°C ambient	✓	✓	✓	✓
Reverse unit cassette system	o	o	o	-
Splashback	o	o	o	-
2 Drawer bank set	o	-	o	-
3 Drawer bank set	o	-	o	-
Raised pan holders	o	o	o	-
Cut out wells	o	o	o	-
Slimline version	-	-	o	-
Biscuit Top version	-	-	o	-



# WILLIAMS COUNTERS

Our latest counters are our most energy efficient ever. But while energy efficiency is important, we know it's not the only consideration for our customers. That's why we've engineered a host of improvements to deliver the best in terms of reliability, robust construction, good looks, performance and food safety, too.

Williams counters come in a huge range of configurations, including standard, slimline and biscuit top, with a choice of two, three and four doors, at storage temperatures to suit any purpose. Drawers or doors? Chilled or freezer? It's your choice, because we're making refrigeration for the real world.

**Refrigeration for the real world.**

# FEATURES AND BENEFITS

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

**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.

**New, improved airflow design** provides uniform air distribution with no potential warm spots and maintains constant temperature.

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

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

**Versatile, removable racking system with nylon coated shelving** provides flexible storage and ease of cleaning. Anti-tilt tray slides stop shelves from tipping - easy to remove and reposition.

**Removable cassette refrigeration system** provides easy servicing and maintenance.

**Williams CoolSmart controller** is designed for easy operation and features clear digital display and visual\* alarms for failsafe performance.

- **Reduces energy** by detecting changing situations, instigating economy mode when use is low while ensuring total food safety at all times.
- **Intelligent defrost function** ensures the evaporator works more efficiently. Compressor starts can be limited, thereby reducing wear and tear and prolonging compressor life.
- **Safe cleaning** with a low voltage controller.
- **Easy servicing** with clear diagnostics.
- **HACCP** compliant.



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

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

**Optional internal sliding drawers** perfect for ice cream service.

**Thermal break** reduces heat gain through the door gasket and provides added protection for it – reducing wear and tear.



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

**115° and 180° door dwell** for loading large trays and pans, beneficial where walkways are limited.

**Barrel locked doors** for added security and stock control.

**Self-closing doors** avoid heat ingress and reduce energy consumption.

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

**Full width integral door handle** provides non-slip, 'grab' on the door – a must in a busy kitchen environment whilst being easy to clean with no potential dirt traps.

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

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

**Slimline and biscuit top models** are reduced depth and height models, allowing for seamless integration with any kitchen layout.

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



\*NB: Opal and Emerald controllers also includes audible alarms



## JADE COUNTERS

Our top-of-the-range Jade counters are available in standard, slimline and biscuit top configurations with optional freezer or refrigerated drawers.

With a wide range of options, including slimline versions, Williams' latest Jade counters offer an unrivalled combination of robust, energy efficient refrigeration, flexibility and good looks.

### DESIGNED FOR THE REAL WORLD

With their tough, foodsafe stainless steel exterior and high performance refrigeration system, Jade counters have proven themselves in the hottest and most stressful kitchen environments. Precision injected, high-density polyurethane insulation gives extra strength while providing superior thermal efficiency with low GWP and Zero ODP.

### ENERGY EFFICIENCY

Performance and efficiency are at the heart of every Williams' product and Jade counters have a range of technologies designed to minimise energy consumption.

Heavy duty balloon gaskets, combined with an enhanced thermal break, provide a 100% tight door seal. Heat ingress is reduced and air release points reduce wear and tear on the gasket.

Energy efficient anti-condensation mullion door heaters are fitted as standard on all models, eliminating condensation build up and potential slip hazards.

The Jade counter also features self-closing doors to minimise temperature gain and reduce energy consumption. The doors' 180° opening allow for easy loading and reduce the risk of accidents when space is limited.

The CoolSmart controller ensures easy operation and features a clear digital display and visual alarms for failsafe performance.

By adjusting to changing conditions, such as quiet periods, the CoolSmart controller can dramatically reduce energy consumption while ensuring total food safety at all times. The Intelligent defrost function ensures the evaporator works more efficiently.



Compressor starts can be limited, thereby reducing wear and tear and prolonging compressor life. The extra low voltage controller also allows for safe and easy cleaning.

Features like waste heat recovery vaporisers and automatic defrost reduce energy consumption further while maximising operational efficiency.

### PRACTICAL FEATURES

All Jade counters are supplied with heavy duty, non-marking swivel castors for easy movement and positioning. The front brakes provide total stability once the counter is in place.

The Jade's easy grab, non-slip door handle is easy to clean with no potential dirt traps – a must in a busy kitchen environment.

Inside, the easy to clean one-piece stainless steel dished base with radiused corners, along with the removable racking and shelving system, make it easy to maintain the highest hygiene standards.

Adjustable shelving provides flexibility and the anti-tilt mechanism ensures product stability and minimises the risk of accidents.

The barrel locked doors offer complete piece of mind providing additional security and stock control.

### CUSTOMISE YOUR COUNTER

Jade counters can be customised with both two and three door drawer banks, ensuring easy access to produce. Freezer drawer models are also available on our two door counters.

Optional raised pan holders or cut out wells offer even more flexibility, allowing you to combine our powerful counter storage with easy to access ingredients.

When kitchen space is at a premium the Jade Slimline counter is ideal. Despite its compact dimensions, the Slimline offers the same features as a standard Jade counter, but squeezed into a depth of only 500mm.

For even greater flexibility the Jade Slimline freezer can be fitted with internal sliding drawers, making it ideal for both serving and storing ice cream at its optimum temperature.

Jade Biscuit Top counters are designed to seamlessly fit into an existing kitchen design and can slide easily under pre-fabricated worktops, giving you complete control over the kitchen aesthetics.



## OPAL AND EMERALD COUNTERS

Save time and energy with the best in gastronorm counters - offering a combination of storage and preparation workspace.

### ENERGY EFFICIENCY

Advanced refrigeration systems with Williams' Coolsmart controllers ensure the latest Opal and Emerald ranges lead the way in reliability and energy-efficiency.

The Intelligent defrost function ensures the evaporator works more efficiently whilst the Coolsmart controller will adjust to changing conditions, such as quiet periods to dramatically reduce energy consumption while ensuring total food safety at all times.

Self-closing doors feature heavy duty balloon gaskets and an enhanced thermal break to provide a 100% tight door seal. The counters use polyurethane insulation, with zero ODP and low GWP, to deliver superior thermal efficiency.

Energy efficient anti-condensation mullion door heaters are fitted as standard on all models, eliminating condensation build up and potential slip hazards. All of which make the Opal and Emerald the first choice for energy efficiency and low running costs.

### PRACTICAL FEATURES FOR THE REAL WORLD

Designed and built to international quality standards for reliability and performance, and fully HACCP compliant, the counters are compatible with a wide range of temperature monitoring systems.

Meanwhile their quiet operation makes them ideal workstations, even in noise-sensitive areas.

The removable cassette refrigeration system makes for easier servicing, minimising disruption in the kitchen.

Opal and Emerald counters are delivered on heavy duty, non-marking swivel castors that allow for easy movement and positioning. The front brakes then provide stability once the counter is locked in place.

Easy cleaning is a given, with features including stainless steel exterior and interior and radiused corners. Removable racking with nylon-coated shelving is also fully adjustable to provide maximum storage flexibility.

### FITTING EVERY FUNCTION

Their high performance refrigeration systems make the Opal and Emerald perfect for every catering environment, even in ambients up to 43°C, and their good looks make them ideal for both back- and front-of-house.

Meanwhile the variety of capacities, four temperature choices and the extensive range of options mean there's a counter for every foodservice application.

Opal counters are available with two and three door drawer banks, in both high and low temperatures ensuring easy access to produce. Optional raised pan holders or cut out wells offer even more flexibility, allowing you to combine our powerful counter storage with easy to access ingredients.



UBC20 WITH CHARGRILL AND GRIDDLE



UBC5



UBC7

## UNDER BROILER

Refrigerated storage right where you need it, in the heart of the kitchen.

The space-saving, low-height Under Broiler Counter (UBC) offers refrigerated storage directly below the cooking station.

With robust, 'easy open' drawers capable of accommodating 2/1 GN containers the UBC range of products can help maximise efficiency.

They can accommodate a variety of heavy-duty appliances, including chargrills and griddles. The largest in the range, the UBC20, can support 410kg.

### THE CONVENIENT REFRIGERATED STORAGE SOLUTION

There are three innovative, space-saving models in our UBC range, all designed and built to international quality standards and delivering totally reliable performance, even in ambients of 43°C.

A sleek 'easy grab' handle offers a superior grip - a must in a busy kitchen whilst reducing potential dirt traps and being easy to clean.

The Under Broiler Counters are supplied with heavy duty, non-marking castors for ease of positioning.

Its forced air refrigeration system is in a removable cassette for ease of service. UBCs are fully HACCP compliant.

The Williams Coolsmart controller can reduce energy consumption by monitoring changing situations and adapting to suit such as periods of inactivity.



SU10CT



TW15



CPC4



PW4

## PREPARATION EQUIPMENT.

Williams offers a range of flexible preparation solutions - the perfect companion to our counter ranges.

In busy kitchens, having fresh ingredients on hand is key. Our range of prep equipment allows for ingredients to be stored safely and prepared in advance, saving time during busy periods.

Williams Salad Units come in a variety of sizes and allow for easy preparation of ingredients, its integral chopping board and undercounter storage for ingredients mean everything is conveniently at hand.

Combining undercounter refrigerated storage with chilled worktop wells,

the Onyx is the best purpose-built cold preparation station on the market.

Our advanced airflow system saves energy and guarantees safe storage temperatures, while giving chefs open access to ingredients. The Onyx is ideal for a wide range of applications including pizza, sandwich, tapas, salad and dessert make-up.

What happens when you need a prep station but you don't have space for one? The Williams PW4 Prep Well is a compact, mobile solution that

can be moved around the kitchen to wherever it is needed, ensuring fresh ingredients are always on hand.

The Thermowell is a refrigerated countertop unit designed to keep ingredients chilled and easily accessible for chefs, including the 'mini' TW4 model, which holds two 1/3 or four 1/6 Gastronorm containers.

These reduced-depth, light in weight units can be either placed on top of existing counters, or wall mounted to free up work-space.

# TECHNICAL DATA

## OPAL 2 DOOR COUNTER

w1400(870) x d700(585) x h857(600)

Model	Temp °C	Running Amps	Shelves	Gross Capacity
HO2U	+1/+4	1.77	4	374(13.2)
MO2U	-2/+2	1.77	4	374(13.2)
LO2U	-18/-22	2.51	4	374(13.2)
FO2U	-2/+2	3.5	4	374(13.2)

## OPAL 3 DOOR COUNTER

w1880(1350) x d700(585) x h857(600)

Model	Temp °C	Running Amps	Shelves	Gross Capacity
HO3U	+1/+4	1.77	6	545(19.2)
MO3U	-2/+2	1.77	6	545(19.2)
LO3U	-18/-22	2.51	6	545(19.2)
FO3U	-2/+2	3	6	545(19.2)

## OPAL 4 DOOR COUNTER

w2360(1830) x d700(585) x h857(600)

Model	Temp °C	Running Amps	Shelves	Gross Capacity
HO4U	+1/+4	1.77	8	715(25.3)

## EMERALD 2 DOOR COUNTER

w1810(1280) x d800(684) x h857(600)

Model	Temp °C	Running Amps	Shelves	Gross Capacity
HE2U	+1/+4	1.77	4	611(21.6)
ME2U	-2/+2	1.77	4	611(21.6)
LE2U	-18/-22	2.51	4	611(21.6)

## JADE 2 DOOR COUNTER

w1400(870) x d700(585) x h857(600)

Model	Temp °C	Running Amps	Shelves	Gross Capacity
HJC2	+1/+4	1.77	4	374(13.2)
MJC2	-2/+2	1.77	4	374(13.2)
LJC2	-18/-22	2.51	4	374(13.2)

## JADE 3 DOOR COUNTER

w1880(1350) x d700(585) x h857(600)

Model	Temp °C	Running Amps	Shelves	Gross Capacity
HJC3	+1/+4	1.77	6	545(19.2)
MJC3	-2/+2	1.77	6	545(19.2)
LJC3	-18/-22	2.51	6	545(19.2)

## JADE 4 DOOR COUNTER

w2360(1830) x d700(585) x h857(600)

Model	Temp °C	Running Amps	Shelves	Gross Capacity
HJC4	+1/+4	1.77	8	715(25.3)

## JADE SLIMLINE 2 DOOR COUNTER

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

Model	Temp °C	Running Amps	Shelves	Gross Capacity
HJSC2	+1/+4	1.81	4	244(8.6)
LJSC2	-18/-22	2.69	4	244(8.6)

## JADE SLIMLINE 3 DOOR COUNTER

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

Model	Temp °C	Running Amps	Shelves	Gross Capacity
HJSC3	+1/+4	1.81	6	374(13.2)
LJSC3	-2/+2	2.69	6	374(13.2)

## JADE BISCUIT TOP 2 DOOR COUNTER

w1400(870) x d700(585) x h827(600)

Model	Temp °C	Running Amps	Shelves	Gross Capacity
HJBTC2U	+1/+4	1.68	4	374(13.2)
MJBTC2U	-2/+2	1.77	4	374(13.2)
LJBTC2U	-18/-22	2.58	4	374(13.2)

## JADE BISCUIT TOP 3 DOOR COUNTER

w1880(1350) x d700(585) x h827(600)

Model	Temp °C	Running Amps	Shelves	Gross Capacity
HJBTC3U	+1/+4	1.68	6	545(19.2)
LJBTC3U	-18/-22	2.51	6	545(19.2)

# TECHNICAL DATA

## UNDER BROILER COUNTERS

UBC5 - w1000(587) x d782(683) x h600(399)

UBC7 - w1300(589) x d782(683) x h546(345)

UBC20 - w1962(1470) x d782(683) x h546(345)

Model	Temp °C	Running Amps	Drawers	Gross Capacity
UBC5	+1/+4°C	1.46	2	160(5.7)
UBC7	+1/+4°C	1.89	2	195.5(6.9)
UBC20	+1/+4°C	1.88	4	355(12.5)

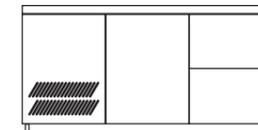
### Note:

All dimensions are in mm unless otherwise stated. Counter dimensions are external(*internal*). Capacities are in litres(*cubic feet*).

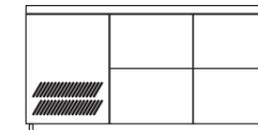
Full technical details can be found at [www.williams-refrigeration.co.uk/info-centre](http://www.williams-refrigeration.co.uk/info-centre)

# DRAWER CONFIGURATIONS

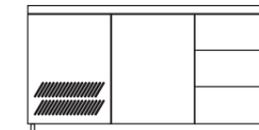
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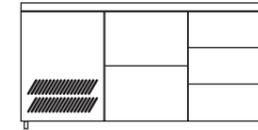
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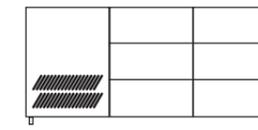
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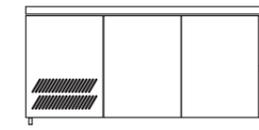
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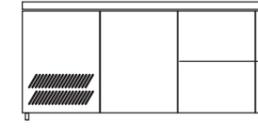
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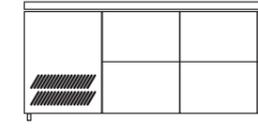
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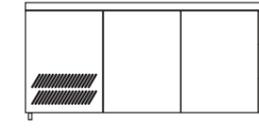
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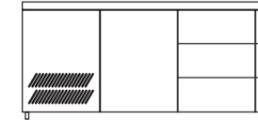
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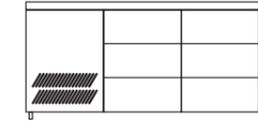
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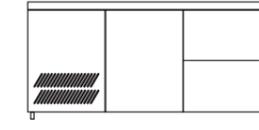
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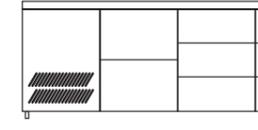
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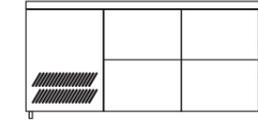
U123



U233



U223





[www.williams-refrigeration.co.uk](http://www.williams-refrigeration.co.uk)

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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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an Ali Group Company



The Spirit of Excellence