

# OPAL COUNTER TECHNICAL DATASHEET

## O2U OPAL TWO DOOR COUNTER



O2U

Dimensions (mm)	External	Internal
Width	1400	870
Depth	700	585
Height	857	600
Door Opening		390
<b>Capacity</b>		
Capacity cu.ft/ltrs		13.2/374

## O3U OPAL THREE DOOR COUNTER



O3U

Dimensions (mm)	External	Internal
Width	1880	1350
Depth	700	585
Height	857	600
Door Opening		390
<b>Capacity</b>		
Capacity cu.ft/ltrs		19.2/545

## O4U OPAL FOUR DOOR COUNTER



O4U

Dimensions (mm)	External	Internal
Width	2360	1830
Depth	700	585
Height	857	600
Door Opening		390
<b>Capacity</b>		
Capacity cu.ft/ltrs		25.3/715

## KEY FEATURES

- Foodsafe stainless steel exterior and interior
- Radiused, easy clean, interior based corners
- Self closing doors
- Barrel locked doors
- Removable refrigeration cassette system for easy servicing
- Magnetic balloon door gaskets with 100% tight seal
- Fitted with 2 1/1GN nylon coated wire shelves per section as standard or trayslides to accommodate 1/1GN containers
- Anti-tilt trayslides
- Removable racking system
- Precision injected, high density 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 a 43°C ambient
- Fully automatic air cooled condensing unit
- Defrost water is vaporised using recycled heat from compressor
- High performance helium leak testing
- Audio and visual hi/lo temp alarm
- Condenser cleaning light to indicate when cleaning required

## OPTIONS

- Stainless steel back
- Additional shelving / trayslides
- Drawer banks (2 or 3)
- Raised pan holder
- Wells - Full/standard/special
- Hinged cover
- Integral or Screw on splash-back
- Adjustable legs in lieu of castors (add 10mm)
- Reverse unit
- Non-hydrocarbon version available (excluding Freezers)
- Helicoil cable



# OPAL COUNTERS TECHNICAL DATA

	HO2U	MO2U	LO2U	FO2U	HO3U	MO3U	LO3U	FO3U	HO4U
Temperature (°C)	+1/+4°C	-2/+2°C	-18/-22°C	-2/+2°C	+1/+4°C	-2/+2°C	-18/-22°C	-2/+2°C	+1/+4°C
Climate Class	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
Defrost	Automatic Off Cycle	Automatic Electric	Automatic Hot Gas	Automatic Off Cycle	Automatic Off Cycle	Automatic Electric	Automatic Hot Gas	Automatic Off Cycle	Automatic Off Cycle
Noise level (dBA)	63	63	61	63	63	59	61	63	63
Fittings									
Shelves	4	4	4	-	6	6	6	-	8
Trayslides per door	4	4	4	-	4	4	4	-	4

## Electrical / Energy Data - Standard Refrigerant

Refrigerant	R134a	R134a	-	R134a	R134a	R134a	-	R134a	R134a
Energy Efficiency Class	A	-	-	-	B	-	-	-	C
Energy Consumption (kW / 24hrs)	1.44	-	-	-	2.11	-	-	-	2.75
Start Up (Amps)	9.6	9.6	-	11.5	9.6	9.6	-	13.5	9.6
Running (Amps)	1.77	1.77	-	2.9	1.77	1.77	-	2.9	1.77
Heat Rejection	407	407	-	527	407	407	-	527	407

## Electrical / Energy Data - Hydrocarbon Refrigerant

Refrigerant	R290	R290	R290	-	R290	-	R290	-	R290
Energy Efficiency Class	A	-	D	-	B	-	D	-	B
Energy Consumption (kW / 24hrs)	1.43	-	5.63	-	2.00	-	7.23	-	2.60
Start Up (Amps)	9.5	9.5	14.2	-	9.5	-	14.2	-	9.5
Running (Amps)	1.68	1.68	2.58	-	1.68	-	2.58	-	1.68
Heat Rejection	484	484	623	-	484	-	623	-	484

### IMPORTANT NOTES:

\*Energy consumption is tested to EN16825 in 24hrs

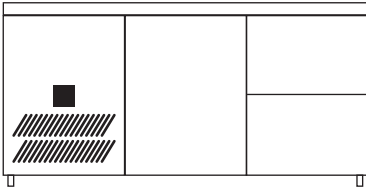
\*\*Heat rejection is evaporating at -10°C in 32°C Ambient

All refrigeration equipment requires adequate ventilation for efficient and effective performance

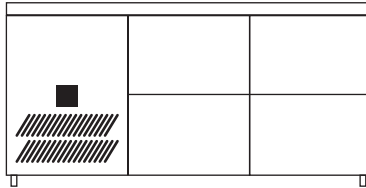
Williams is committed to a policy of continual product development and innovation. As such, we reserve the right to change product specifications stated without prior notice.

# COUNTER DRAWER CONFIGURATIONS

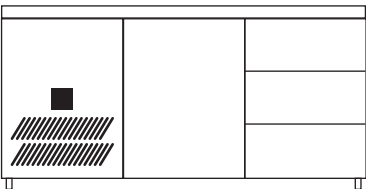
**02-U12**



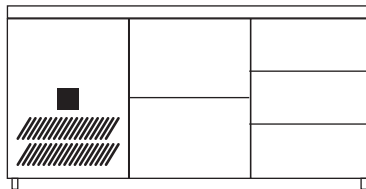
**02-U22**



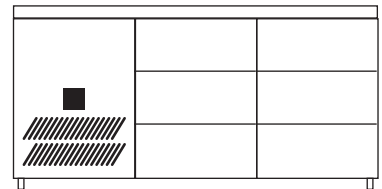
**02-U13**



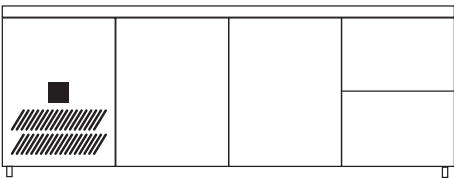
**02-U23**



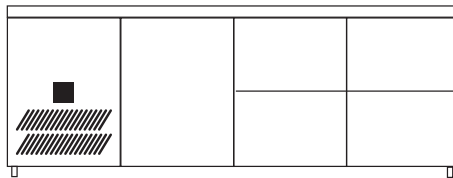
**02-U33**



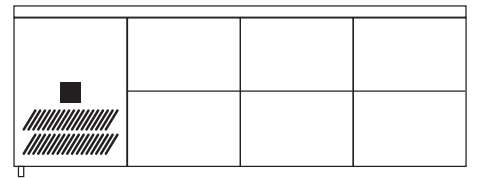
**03-U112**



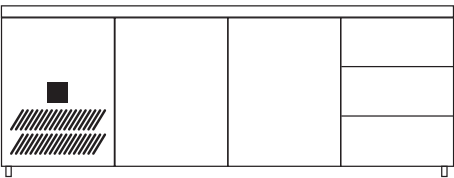
**03-U122**



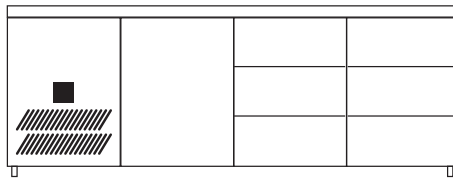
**03-U222**



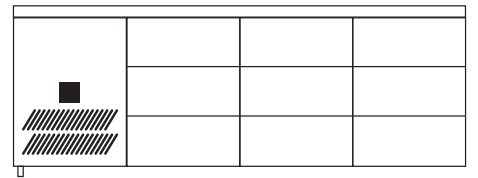
**03-U113**



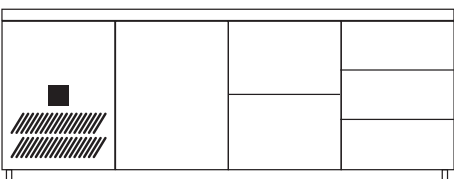
**03-U133**



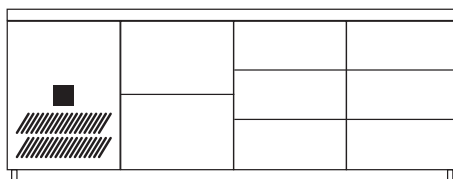
**03-U333**



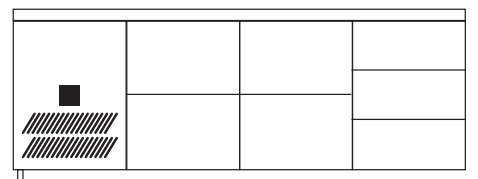
**03-U123**



**03-U233**



**03-U223**



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](mailto:info@williams-refrigeration.co.uk)  
W [www.williams-refrigeration.co.uk](http://www.williams-refrigeration.co.uk)

