

OSBORNE REFRIGERATORS

Undercounter *eCold* Product Range



The Osborne *eCold* range...
...saving pounds and the planet.

The new *eCold* range from Osborne Refrigerators is designed to be good to your pocket as well as the environment. Low-voltage fans and LED lighting put very little waste heat into the cabinet and improved insulation and efficient compressors maximise cooling performance while using less energy. *eCold* cabinets are also designed to be virtually maintenance-free, with no fluorescent tubes to change, and condensers that never require unblocking.

Osborne Refrigerators Ltd have been established at our West Sussex base for more than 50 years and we are the leading British manufacturer of refrigerators designed for the chilling and storage of wine and cold beverages. As well as our professional range of cabinets, which are specified by leading breweries, drinks manufacturers and leisure companies across the world, we also produce a range of high quality cabinets designed specifically for domestic use.

All our refrigerators use CFC free polystyrene insulation and can be efficiently recycled at the end of their life. They are also available with a choice of refrigerants.

The Osborne range is always evolving, due to our commitment to constantly improve our products and also in response to specific customer requirements. We have built an enviable reputation for the quality and reliability of our refrigerators and we will never stop working to maintain that reputation.

Details

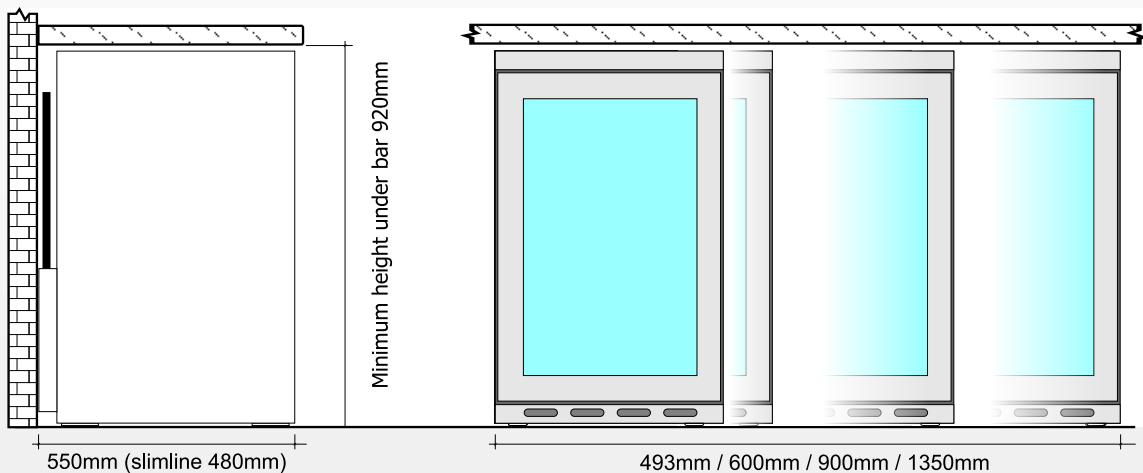
Our undercounter cabinets are available in two heights and four widths, with a further 2 high capacity widths. Designed primarily for the storage and display of bottled beverages, they are also suitable for foodstuffs. Manufactured from rust resistant zinc-coated steel with a hard wearing black or silver powder-coat finish or from brushed stainless steel, the interior is beaten aluminium or stainless steel. The interiors are fan assisted for enhanced chilling and the maintenance-free (except 4200, 4300) condensers are fan-cooled for efficiency. We use environmentally friendly polystyrene insulation and hydrocarbon refrigerant. Doors are double glazed, hinged and lockable, sliding doors are available as an option on 220E, 250E & 4200 models and solid doors are optional on all models. A variety of RAL / Pantone colours is available to special order (minimum quantities apply).

Standard Height eCold Undercounter Cabinet Range



	Model 50E			Model 180E			Model 250E			Model 290E	
	50ES	50EW	50ES SLIM	180ES	180EW	180ES SLIM	250ES	250EW	250ES SLIM	290ES	290EW
H (mm)	905		905	905		905	905		905	905	
W (mm)	493		493	597		597	900		900	1350	
D (mm)	550		420	550		480	550		480	550	
Shelves	2 + base	5	2 + base	2 + base	5	2 + base	2 + base	5	2 + base	2 + base	5
Cap. (ltr)	110	110	71	139	139	112	220	220	177	330	330
Bottles*	105	up to 40	60	120	up to 50	96	198	up to 66	172	291	up to 100
Technical											
Compressor	TLES5.7KK.3			TLES5.7KK.3			TLX8.7KK.3			NLE10KK.4	
Refrigerant	R600a - 35 grams			R600s - 42 grams			R600a - 67 grams			R600a - 105 grams	
Power Rating	90W			100W			120W			160W	
Energy Rating (solid door version)	B			B			B			C	

*Bottle capacities are based on 330ml 236mm high beer bottles for ES models and 100mm dia 75cl wine bottles for EW models. Highest wine bottle capacity is reached with bottles standing on base and only 4 shelves used to lay bottles down.



Features

- Fan assisted evaporator for rapid cooling
- Fan assisted, maintenance-free condenser
- Automatic defrost and re-evaporation
- Digital temperature controller
- LED lighting gives excellent product display
- Lockable double glazed door(s)
- ES models feature 2 flat shelves per door
- EW models feature 5 flat shelves per door

Options

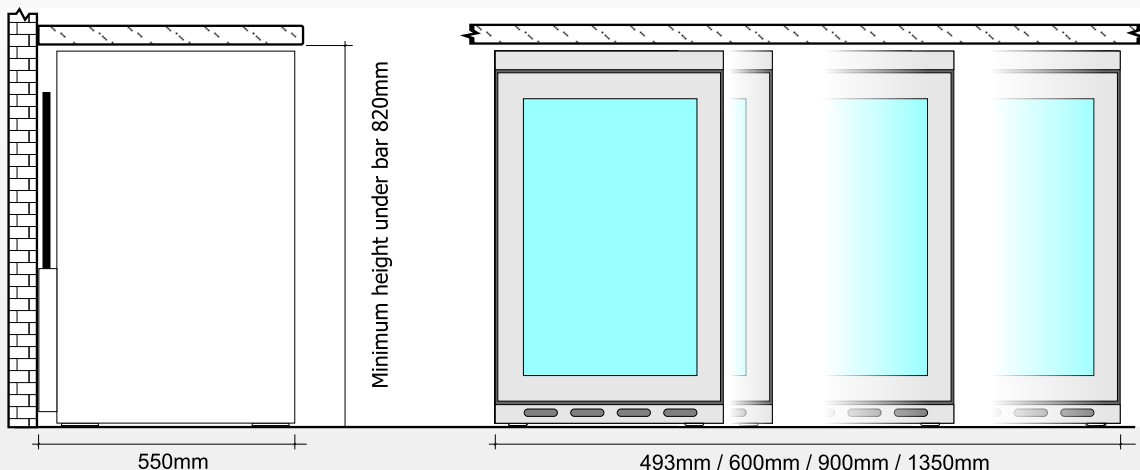
- Slimline depth - 480mm (180E & 250E only)
- Super-Slimline Depth - 420mm (50E only)
- Solid door(s)
- Sliding doors (250E only)
- Choice of black or silver painted exterior
- Other colours to special order
- Stainless steel exterior and/or interior
- Stainless steel doorframes/solid doors
- 14 - 16°C temp range for red wine

Reduced Height eCold Undercounter Cabinet Range



	Model 30E		Model 160E		Model 220E		Model 280E	
	30ES	30EW	160ES	160EW	220ES	220EW	280ES	280EW
H (mm)	805		805		805		805	
W (mm)	493		597		900		1350	
D (mm)	550		550		550		550	
Shelves	2 + base	4	2 + base	4	2 + base	4	2 + base	4
Cap. (ltr)	94	94	110	110	188	188	281	281
Bottles*	105	up to 33	120	up to 38	198	up to 58	290	up to 72
Technical								
Compressor	TLES5.7KK.3		TLES5.7KK.3		TLX8.7KK.3		TLX8.7KK.3	
Refrigerant	R600a - 35 grams		R600a - 36 grams		R600a - 62 grams		R600a - 42 grams	
Power Rating	90W		90W		120W		120W	
Energy Rating (solid door version)	B		B		B		C	

* Bottle capacities are based on 275ml 206mm high beer bottles for ES models and 100mm dia 75cl wine bottles for EW models. Highest wine bottle capacity is reached with bottles standing on base and only 3 shelves used to lay bottles down.



Features

- Fan assisted evaporator for rapid cooling
- Fan assisted, maintenance-free condenser
- Automatic defrost and re-evaporation
- Digital temperature controller
- LED lighting gives excellent product display
- Lockable double glazed door(s)
- ES models feature 2 flat shelves per door
- EW models feature 4 flat shelves per door

Options

- Solid door(s)
- Sliding doors (220E only)
- Choice of black or silver painted exterior
- Other colours to special order
- Stainless steel exterior and/or interior
- Stainless steel doorframes/solid doors
- 14 - 16°C temp range for red wine

High Capacity Undercounter Cabinet Range



Cabinet Specifications

Model Number	4300	4200
<u>Physical Info</u>		
Height (mm)	900	900
Width (mm)	1560	1110
Depth (mm)	570	570
Nett Capacity (ltr)	435	290
Beer Capacity (330ml bottles)	431	284
Wine Capacity (90mm diameter)	108	72
Gross Volume Packed (ltr)	912	655
Gross Weight Packed (kg)	120	110
<u>Technical Info</u>		
Voltage (V)	220-240	220-240
Frequency (Hz)	50	50
Rated Power (W)	140	120
Compressor	Danfoss NLE10KK.4	Danfoss NLE10KK.4
Refrigerant Type	R600a	R600a
Refrigerant Charge (g)	120	90
Product Temperature Range (°C)	1-5	1-5
Insulation Type	Polystyrene, CFC Free	Polystyrene, CFC Free
Insulation Thickness	50	50

Features

Fan assisted evaporator for rapid cooling
 Fan assisted condenser for efficient performance
 Condenser is front vented and easy to clean
 Cabinets require no ventilation around it
 Automatic defrost and re-evaporation
 Low-energy LEDs give excellent product lighting
 Locking double-glazed doors
 3 flat shelves per door

Options

Extra shelves (max 6 per door)
 Solid doors
 Sliding doors on 4200
 Thermometer
 Choice of colours
 Stainless steel exterior and/or interior
 Stainless steel doorframes/solid doors
 Right-handed layout to special order



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