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Symbols



Fan cooled condenser For efficient running



Fan blown evaporator For fast cooling



Automatic defrost and re-evaporation For convenience



Digital Temperature Controller



LED internal lighting For ultra-low energy usage



Accepts gastronorm trays

Maintenance-free condenser

For convenience and a long life

Lockable door(s)

Temperature range



Ideal for coffee machines Designed for convenient milk storage

www.osbornerefrigerators.uk sales@osborne=ref.co.uk

About Osborne Refrigerators

Osborne Refrigerators Ltd were established in West Sussex over 60 years ago and we are the leading British manufacturer of refrigerators designed for the display and storage of wine and cold beverages. As well as our display cabinets, which are specified by leading breweries, drinks manufacturers and leisure companies across the world, we also manufacture stainless steel solid door catering chillers and a range of specialist milk cabinets.

All our refrigerators use hydrocarbon refrigerant (alternatives available for some models), CFC free polystyrene insulation and can be efficiently recycled at the end of their life.

The Osborne product range is always evolving, due to our commitment to continuous improvement 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.

Osborne & The Environment

Manufacturing With A Conscience

Osborne Refrigerators have a long history of manufacturing with an environmental conscience. We have always used polystyrene insulation which is efficient and recyclable, rather than more damaging polyurethane or similar materials and each refrigerators we produce is designed so that it can be easily recycled at the eventual end of it's life. We also design for a long life - some of the oldest refrigerators still working around the world are Osborne refrigerators. We were the first British manufacturer to move our entire production away from CFC based refrigerants and our R&D Department are constantly



looking at the latest technologies available. Our **eCold** chillers, for example, feature LED lighting, low-voltage fan motors and improved insulation which combine to give huge cuts in running costs. All our chillers use R600a, an environmentally friendly hydrocarbon refrigerant.



British Designed & Built

Lots of companies claim to be British and many of them may indeed still design and distribute in the UK, but have manufacturing sourced in the Far East. Osborne Refrigerators still manufacture exclusively in the UK. By maintaining our manufacturing in modern and efficient facilities here, we avoid the environmental damage caused by inefficient third world factories and the pollution caused by shipping products in from thousands of miles away. We also stock spare parts to enable you to keep your Osborne cabinet working efficiently for many years.

Shrinking Our Carbon Footprint

In addition to limiting the impact we have on the environment, we maintain over 100 acres of West Sussex woodland which more than offsets all our CO_2 emissions from both manufacturing and distribution.

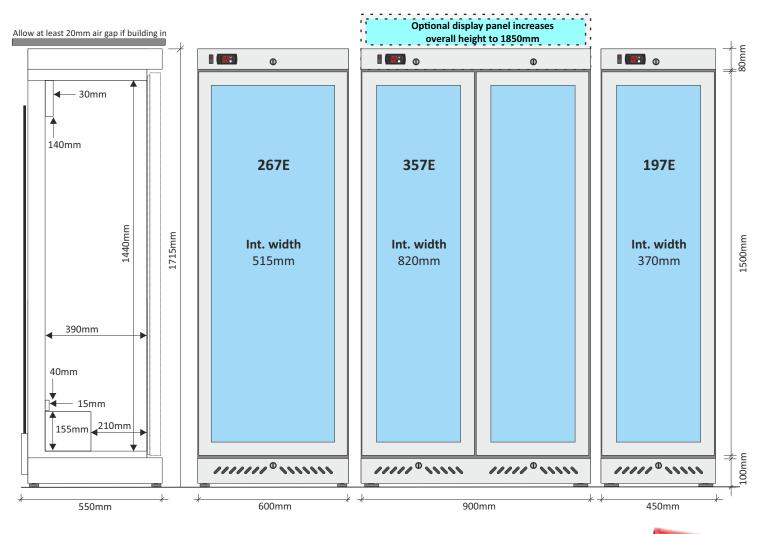
Green Reasons To Buy An Osborne Cabinet

- All Osborne cabinets can be recycled by us at the end of their life
- All packaging used is recyclable
- Wherever possible, all materials used to manufacture our chillers are recyclable (including the polystyrene insulation)
- All cabinets are designed for maximum energy efficiency without compromising cooling performance
- All Osborne cabinets are manufactured in the UK which means no environmental pollution from ships to bring them in from overseas



Upright Chillers

All our upright **eCold** chillers feature double glazed locking doors, LED internal lighting, digital temperature controller, fan assisted interior for fast temperature pull-down and fan cooled, maintenance-free condenser for superior performance. All models can be built in requiring only minimal airspace. Solid doors are available as an option. A range of painted and stainless steel finishes are available. Top mounted lightbox for branding is available as an optional extra for all models.



Model	Dimensions	Capacity	Bottle Capaci	ities / Shelves
	HxWxD mm	Nett litres	ES Version	EW Version
			33cl Bottle	75cl Bottle
357ES	1715x900x550	434	400+ / 5	144 / 12
267ES	1715x600x550	315	240+ / 5	108 / 12
197ES	1715x450x550	196	180+ / 5	72 / 12
227ES	1220x600x550	180	190+/4	72 / 9

Bottle capacities based on 330ml 236mm high beer bottles for ES models and 100mm dia 75cl wine bottles for EW models.

Cabinet Specifications



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 5 flat shelves EW models feature 9-12 flat shelves Options Solid door(s) Choice of colours Choice of black, brown 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 Topmounted lightbox (adds 180mm to height)

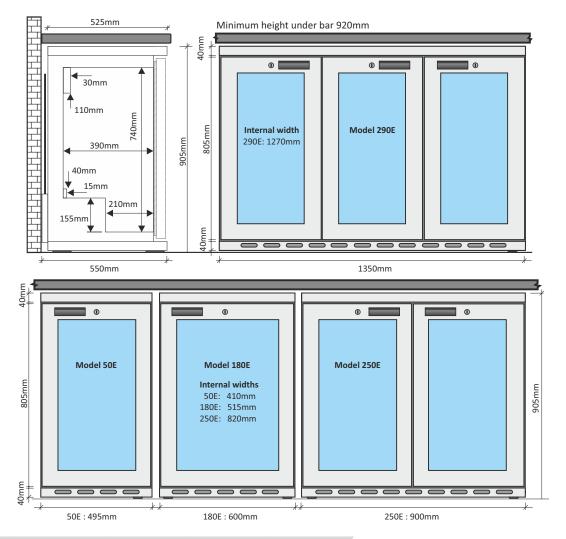


inc optional lightbox

Undercounter

Standard Height Undercounter Chillers

All our undercounter **eCold** chillers feature double glazed locking doors, LED internal lighting, digital temperature controller, fan assisted interior for fast temperature pull-down and fan cooled, maintenance-free condenser for superior performance. All models can be built in requiring only minimal airspace. Solid doors are available as an option on all models and sliding doors are optional on the double door 250E. A range of painted and stainless steel finishes are available.



Model	Dimensions	Capacity	Bottle Capacities / Shelves	
	HxWxD mm	Nett litres	ES Version 33cl Bottle	EW Version 75cl Bottle
290ES	905x1350x550	330	291 / 2+base	100 / 5
250ES	905x900x550	220	197 / 2+base	66 / 5
180ES	905x600x550	139	120/2+base	50 / 5
50ES	905x495x550	110	105 / 2+base	40 / 5

Bottle capacities based on 330ml 236mm high beer bottles for ES models and 100mm dia 75d 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.

Cabinet Specifications

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

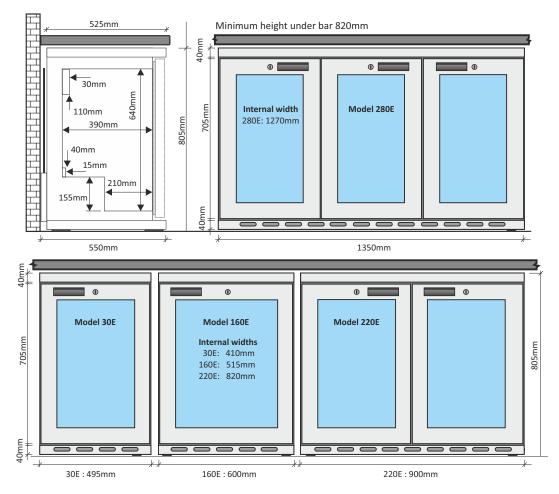




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Reduced Height Chillers

Our range of reduced height chillers gives you the flexibility to place an Osborne cabinet where others simply won't fit. They have been designed to suit situations where available height is limited. Available in the same 1350, 900, 600 and 495mm widths as the standard chillers, they are only 805mm high but still have all the features and options of the full size equivalents.



Model	Dimensions	Capacity	Bottle Capaci	ties / Shelves
	HxWxD mm	Nett litres	ES Version	EW Version
			27.5cl Bottle	75cl Bottle
280ES	805x1350x550	281	290 / 2+base	72 / 4
220ES	805x900x550	188	200 / 2+base	58 / 4
160ES	805x600x550	110	120 / 2+base	38 / 4
30ES	805x495x550	94	105 / 2+base	33 / 4



Bottle capacities 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

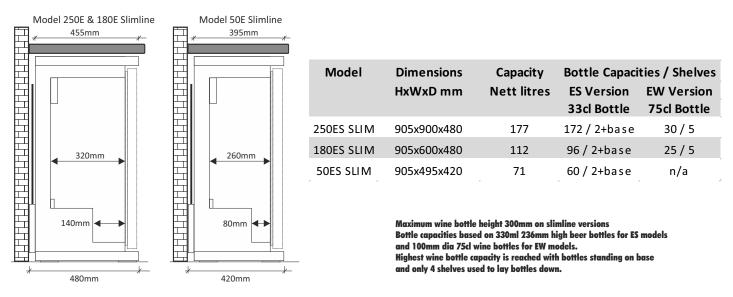
Fan assisted evaporator for rapid cooling Fan assisted, maintenance-free condenser Automatic defrost and re-evaporation Digital temperature controller LED lighting gives excellent product display Stainless steel exterior and/or interior Lockable double glazed door(s) ES models feature 2 flat shelves 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 doorframes/solid doors 14 - 16°C temp range for red wine

Undercounter

Slimline Chillers

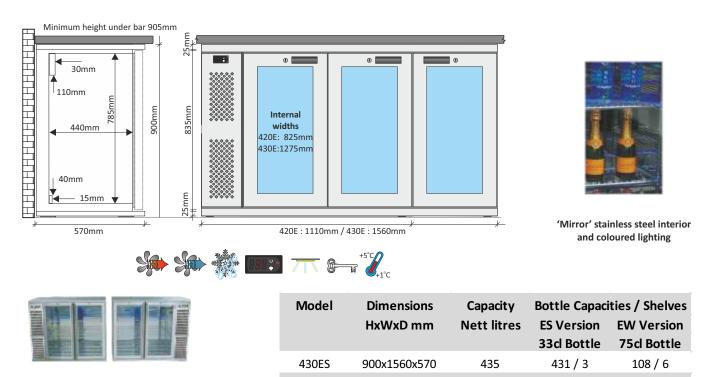
Three of our standard height chillers are also available in a slimline version, ideal for situations where space is more limited. The same range of painted and stainless steel finishes is available. The 250E (available with hinged or sliding doors) and 180E models (hinged doors only) have a reduced depth of 480mm. The 50E model is a super-slim 420mm deep.



Internal dimensions the same as for standard models unless stated above

High Capacity Chillers

Our high-capacity undercounter chillers feature end-mounted units with front access for easy maintenance. Both feature double glazed locking doors, LED internal lighting, digital temperature controller, fan assisted interior for fast temperature pull-down and fan cooled condenser for superior performance. The refrigeration is housed to the left as standard but both models can be manufactured with the unit on the right hand end (minimum order quantity may apply). Both models can be built in leaving only the front clear. Solid doors are available as an option. Sliding doors are available as an option on 420E. A range of painted and stainless steel finishes are available.



900x1110x570

420ES

Models 420E & 430E both available with reversed layout

Bottle Capacities are based on 330ml x 236mm high for beer or 750ml x 100mm dia for wine

290

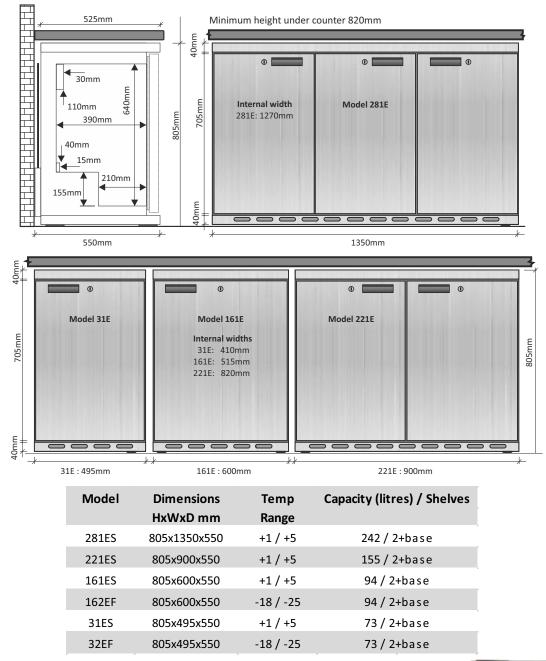
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72/6



Catering Chillers

Our reduced height (805mm) eColdN catering cabinets are available in four different widths, from 493mm to 1350mm. They are designed primarily for the storage of foodstuffs and bottled beverages and are perfect for cafés, kiosks, retail restaurant areas - anywhere where space is at a premium. All models are manufactured from stainless steel with a stainless steel interior. Refrigerator interiors are fan assisted for enhanced chilling and the maintenance-free condenser is fan-cooled for increased efficiency. The insulation is increased over the standard **eCold** range and a fan-cut switch activates when a door is open. Refrigerator models feature automatic defrost. Freezers use cold-wall cooling and are manual defrost. Insulation is environmentally friendly polystyrene and the refrigerant is R600a hydrocarbon. Standard solid doors are hinged and lockable.



Features

Fan assisted evaporator for rapid cooling* Castors (add 120mm to height) Fan assisted, maintenance-free condenser 14 - 16°C temp range for red wine for efficient performance

Automatic defrost and re-evaporation* Evaporator fan cut-out door switch* LED lighting* & low voltage fans Locking hinged doors Stainless steel exterior and interior

Options

*except 32EF & 162EF freezers Static cold-wall cooling, manual defrost No LED lighting





²²¹ES

Milk Chillers

An Osborne milk chiller is the perfect solution for your coffee machine

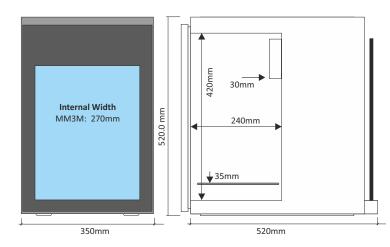
Our range of specialist milk chillers has been designed in conjunction with several leading coffee machine manufacturers and coffee retailers to exacting requirements. They provide the consistent and

requirements. They provide the consistent and reliable refrigeration needed for fresh milk while using the minimum of energy. Ultra low energy LED lighting and low voltage fans are fitted as standard and they can all be adapted to specific requirements e.g. milk pipe positions (minimum order quantities apply).

The MM3M showing in standard configuration with 3 into 1 milk tube. Black finish is standard.



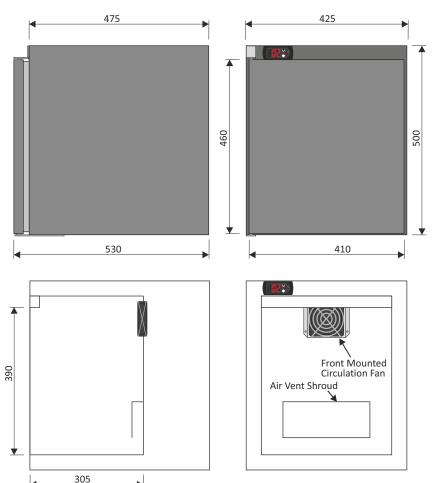




The MM3M is our most popular milk chiller. It is designed to take three 6 pint milk bottles but with a slightly different shelf arrangement will also accept a 13.6ltr pergal. It's compact size allows it to be positioned easily. The slightly larger CM15 will accept a 17 litre container for extended continuous operation. LED lighting is fitted as standard and various options are available including:

- Solid or glass door (MM3M only. No glass option on CM15)
- Hole for milk pipes (either side or top)
- Pipes for connection to an external pump

Model	Dimensions	Capacities	
	HxWxD mm	Milk	Nett litres
CM15	500x425x530	1 x 17ltr container	39
MM3M	520x350x520	3 x 3.41ltr btl / 1 x 13.6ltr "pergal"	23

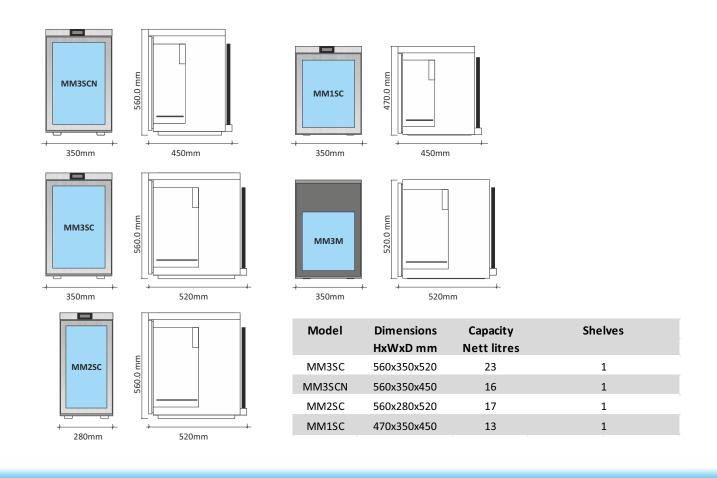


All our milk chillers are designed to store milk at the perfect temperature in the most convenient manner possible. They can be used in a variety of different ways, whether placed next to a coffee machine, underneath it or integrated into a larger piece of equipment. Our flexibility means that we can manufacture the chillers with holes for milk pipes in the most convenient positions to suit your requirements. The models included here are a fairly representative selection of the models we currently manufacture but, if they don't match your requirements, we can also, subject to quantities required, alter models to suit or design a new model to meet your specifications.

Milk Chillers



The MM3M/MM3SC has been adapted into a variety of different cabinets and there is now a complete range of similar cabinets available which should fit almost any space requirement. All are available with a glass door as standard or solid door as an option.



Milk Chillers

As they are used with milk, they tend to be supplied with stainless steel interiors as opposed to the aluminium of our standard cabinets. Various options are available including:

- Painted or stainless steel exterior finish
- Piped milk delivery systems for connection to internal or external pumps

See *** 2 ... ::

- Self-closing doors
- Audible alarms for door openings and high temperature

The FMC6 is a compact chiller designed to sit alongside a coffee machine. It takes a nine litre milk container and holes for pipes can be positioned on either side. A cold wall refrigeration is used which features a fan cooled condenser for efficient running. Construction is stainless steel throughout.



FMC6





The CM1M is an ultra-compact chiller designed to fit next to a coffee machine. Ultra low energy LED lighting is fitted as standard and various options are available

A piped milk delivery system for connection



Shows milk pergal and milk delivery pipes plus internal pump (all supplied by others)

Our MM105M is a larger, double-door chiller specially designed to take two 3 gallon "pergals" to give either high capacity for extended serving, or flexibility for storing two different types of milk.

Model	Dimensions	Capacities		
	HxWxD mm	Milk	Nett litres	
MM105M	510X680X650	1 x GN1 container / 2 x 13.6ltr "pergal"	81	
FMC6	540x225x465	1 x 6ltr container	11	



NB: Shown with optional solid door and quick-view temperature indicator Accepts 200mm 1/6 gastronorm container

NB: Shown with optional solid door and digital controller

Model	Dimensions HxWxD mm	Capacities Milk	Nett litres
CM1M	415X270X415	1 x GN1/6 pan (3ltr)	15



Milk Dispenser

Quick-view temperature indicator

R600a hydrocarbon refrigerant

Our compact chilled milk dispenser is finished in stainless steel (painted version available on request). Accepts standard size milk dispense boxes (13.6 litre). Door and serving panel can be branded for extra impact.

Model	Dimensions HxWxD mm	Capacities Milk
DA15Y	680x365x385	1 x 13.6ltr (3 gallon) "pergal"





including

Solid or glass door

to an external pump • Digital controller

Countertop

Our countertop range is designed for high impact sales and the cabinets are ideal for branding to give an extra boost for promotions or new products. All of our countertop chillers feature double glazed doors, low energy LED lighting for the interior and top panel, fan assisted interior for fast temperature pull-down and fan cooled condenser for superior performance. The BB90 and BB60 models can be wall mounted. Solid doors are available as an option. A range of painted and stainless steel finishes are available. The smaller BB50 and BB30 models are usually available to special order only.



Model	Dimensions	Capacity	Bottle Capacities / Shelves
	HxWxD mm	Nett litres	33cl Bottle
BB90	806x605x435	76	62 / 2
BB60	806x495x510	75	68 / 2
BB50	806x390x510	56	55 / 2
BB30	806x365x435	41	34 / 2

) 1℃
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NB: Bottle capacities are based on 330ml x 236mm high beer bottles

	MM10
Sp 👬 🛠 💷 🕫	+5°C

NB: BB50 and BB30 available to special order only

Model	Dimensions HxWxD mm	Capacity Nett litres	Bottle Capacities / Shelves 33cl Bottle / Can
MM10	690x500x530	62	56 bottles / 2
MM9	570x500x460	40	54 cans / 2
110	635x365x370	31	25 bottles / 1 + base

NB: Capacities are based on 330ml x 236mm high for bottles or 330ml x 115mm high for cans MM10 & MM9 will also take either 12 standard wine bottles or 8 champagne bottles.





The MM2SC and MM3SC are compact service cabinets designed to give foodsafe storage where space is at a premium. Standard finish is stainless steel interior and exterior. The latest generation of LED lighting is fitted as standard, in addition to low-voltage fan motor and electronic temperature control, giving the lowest possible energy usage without compromising excellent cooling performance.

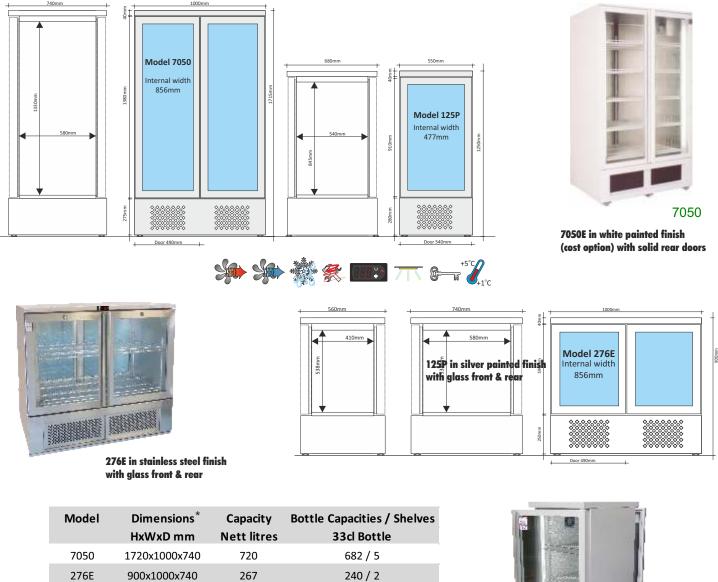
Model	Dimensions HxWxD mm	Capacity Nett litres	Shelves
MM3SC	560x350x520	23	2
MM2SC	560x280x520	15	2





Pass-Through

Upright and undercounter pass-through refrigerators designed either for back-loading or double sided use in island bars. Both models feature double glazed locking doors, digital temperature controller, LED internal lighting, fan assisted interior for fast temperature pull-down and fan cooled condenser for superior performance. Both models can be built in leaving only the front clear, or built into the side of a coldroom, for backfilling with ready-chilled stock. The 7050 can be fitted with solid or glass hinged doors to front and rear. The 276E can also be fitted with sliding doors (at additional cost) to either the front or rear (not both sides). Both models can be fitted with a solid fixed back for use as a conventional double door refrigerator and, additionally, the 276E can be fitted with a fixed glass display panel to allow serving from the serving side and viewing only for the customer. The panel is hinged so that it can be opened for cleaning purposes. A range of painted and stainless steel finishes are available. A top mounted lightbox for branding is available as an optional extra (fits both models).



NB: Bottle capacities are based on 330ml x 236mm high beer bottles Sliding doors on 276E are available to front OR rear, NOT both sides *Height does not include adjustable feet which add 10-20mm to overall height

190

150

900x1000x560

1200x550x690



Features

276E Slim

125P

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)

Options

180/2

135 / 3

Choice of black or silver painted exterior Other colours to special order Stainless steel exterior and/or interior Stainless steel doorframes/solid doors Solid door(s) Fixed glass front or rear (276E only) Sliding doors front <u>OR</u> rear (276E only) 14 - 16°C temp range for red wine Topmounted lightbox (adds 180mm to height)



These wet fish storage refrigerators have coiled wall refrigeration designed to maintain the freshness of fish by providing optimum storage conditions with minimum dehydration. Standard finish is stainless steel exterior and interior. Supplied with 1/1 gastronorm stainless steel containers fitted with perforated inserts. A drain is fitted to the base of the refrigerator (ends in 3/4" BSP connection for easy attachment to a drain pipe). Internal tray supports are fully adjustable and removable for easy cleaning. OC250 and OC150 are fitted with castors as standard and castors can be fitted to the OC80 at extra cost.



Open Fronted

Our open fronted display chillers can go where few have gone before. With a slimline depth of only 500mm and a width as narrow as 450mm, they offer a fantastic display opportunity with a minimum footprint area. This makes them perfect for impulse and promotional sales in high traffic areas where space is at a premium. Our open fronted chillers have been designed to offer good branding opportunities so that they can give maximum impact. Even if the sides are not visible, there is a large panel at the front ideal for branding and also a slim panel above the opening.

61

1 x 150mm + 3 x 100mm

OC80

900x530x700

Our open fronted chillers are built to the same exacting standards as all Osborne chillers. They are available in both stainless steel and painted finishes, feature a digital temperature controller and are fitted with a nightblind and full length LED lighting for more environmentally friendly operation.

Model	Dimensions HxWxD mm	Shelves	Capacities Bottles / Shelf Area
OD600	1940x600x500	5	200 / 0.75m ²
OD450	1940x450x500	5	150 / 0.53m ²
			نې کې

Top Loading

All our top loading chillers feature fan assisted interiors for fast temperature pull-down and fan cooled condenser for superior performance. All models can be built in leaving only the front clear. Standard exterior finish on all models is stainless steel for durability; other painted finishes are available. All models are available with a fitted speed rail at extra cost (as illustrated on TL90) and castors at extra cost.



NB: Shown with speed rail (available at extra cost)





Model	Dimensions HxWxD mm	Lids	Capacities Bottles / Cans / Nett litres
TL120	900x1200x500	2	270 / 342 / 210
TL90	900x900x500	2	207 / 300 / 157
TL60	900x600x500	1	132 / 168 / 96

NB: Capacities are based on 330ml x 236mm high for bottles or 330ml x 115mm high for cans

Pharmacy / Medical



In addition to our standard chillers, which we keep most varieties of in stock, we also manufacture specialist refrigerated cabinets for a variety of applications, including pharmacy / medical cabinets. All our standard upright and undercounter chillers can be manufactured to an enhanced specification for pharmacy applications. This includes audible alarms for extended door opening and for high / low temperature events. Solid doors are standard although glass doors are still available as a no-cost option. **Minimum order quantities may apply.**

> Although we have a wide variety of cabinet sizes and types available, we also have the facility to build bespoke solutions (subject to quantity). If you don't see what you need, we can probably still help you. Many of our current production cabinets were developed to meet specific customer requirements.

> Minimum order quantities will apply.

Domestic / Specialist



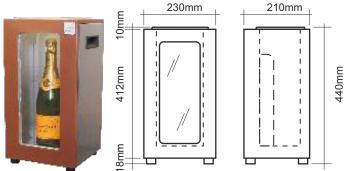
From renowned commercial refrigeration manufacturers, Osborne Refrigerators, comes a range of professional quality fridges to replace the boring "white goods" fridge currently in your home.

- British made
- •Professional grade refrigeration performance
- •Professional grade construction
- Iconic motorsport-inspired designs

Visit our website for more details

Meet the CC1 from Osborne Refrigerators, the perfect alternative to an ice bucket. Professional grade gel cold packs keep your bottle of wine or champagne perfectly chilled for over 8 hours, the double glazed panel displays the contents for all to see and no ice means no drips. The bottle stays dry so there is no mess created by meting ice and no labels peeling off.

The CC1 is ideal for pubs, restaurants, bars, anywhere that serves wine by the bottle or, with alternative freezer packs, it can be used for serving ice-cold spirits at the table. It can also add an extra touch to room service for that special bottle of fizz.



Perfect For Product Promotion

Branding

There is no doubt that a well branded chiller can increase sales and brand awareness and if you have a premium brand, you should have a premium quality chiller to promote it. Our chiller cabinets provide the perfect opportunity to promote a brand. There is a variety of ways in which our chillers can be branded and because all the manufacturing and branding is

done in-house, we can be very flexible. This can be especially beneficial for new brands or small promotions because we can help you even if you only need small quantities. Contact the Sales Office and find out how our products can help your products stand out from the crowd.





Make your product stand out even without branding. A wide range of colours is available across most ranges.

Colours shown are for illustration purposes only and may not match actual paint colours. Wide range of Pantone / RAL colours available. Standard colours are black, brown and silver. Minimum order quantities and additional charges may apply to other colour choices

Cabinet Range Upright Chillers and Undercounter Chillers	Optional Features / Extras Stainless steel exterior and/or interior Stainless steel doors only (frames or solid) Sliding lockable doors (undercounter only, not all models) Solid locking doors Coloured internal lighting Lightbox (adds 180mm to overall height) Castors (undercounter only, add 120mm to height)
Catering Chillers	Glass doors Refrigerated drawers Castors (add 120mm to height)
Milk Chillers	Stainless steel exterior Hole for milk tube(s), position to suit Milk delivery tube set
Countertop Chillers	Stainless steel exterior and/or interior Stainless steel doors only (frames or solid) Coloured painted interior Coloured internal lighting Solid door
Pass-Through Chillers	Stainless steel exterior Stainless steel doors only (frames or solid) Sliding lockable doors (276E front or rear only, not both) Solid locking doors Solid fixed back Fixed glass panel (276E only) Lightbox (adds 180mm to overall height) Castors (276E only, add 120mm to height)
Fish Keepers	Alternative tray layout Castors on OC80 (add 120mm to height, standard on OC150 & OC250)
Open Fronted Chillers	Stainless steel exterior Nightblind
Top-Loading Chillers	Painted exterior Stainless steel interior Speed rail Castors

Most of the optional extras illustrated in this brochure are available at additional cost. Medical/pharmacy specification (hi/lo temp & door alarms etc) is available on most cabinets. Most cabinets can be converted for use on alternative electrical supplies e.g. for marine use. Most cabinets can be supplied with R134a in lieu of hydrocarbon refrigerant . Certain cabinets / specifications / options are available only to special order and minimum quantities may apply. Check with the Sales Office for details. We operate a policy of continuous Research and Development throughout our model range - All Sizes and Specifications may be subject to change without prior notice



Osborne Refrigerators have been designed and built exclusively in Britain for over 60 years and we are the leading British manufacturer of commercial refrigerators designed for the chilling and storage of wine, cold beverages and foodstuffs.

All Osborne products are supported by a two year parts warranty (labour warranty subject to sale conditions, warranty applies to the United Kingdom).

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