



“ The first cooler from IMI Cornelius to combine cold carbonation and soda re-circulation with shelf type dimensions, the Duette™ gives you a range of clear benefits ” CHRIS COOK

🌀 technical features

Designed and manufactured in the UK with the installer and end user in mind, the Duette™ contains the advanced features and intelligent design one would expect from a Cornelius cooler-carbonator of any size:

- Self-priming re-circulation system-reducing install time
- 3-pin carbonator probe stops pump from running dry
- Fully serviceable from the top
- Boil off tray to minimise risk of condensation
- Coil connection removable and as per the established IMI Cornelius Iceberg to aid retrofit
- Able to install in tight gaps – only 50mm space required on each side
- Condenser on front – to aid cleaning and maximise efficiency

The Duette™ is another piece of world class thinking from IMI Cornelius the world-leading manufacturers and suppliers of drinks dispense equipment.



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Duette™
🌀 Product Technical Specifications





Less Space, More Quality. Duette.

Combining cold carbonation and soda re-circulation, the Duette™ leads the way as a single, under-counter drink dispenser designed specially for smaller outlets. Saving space, delivering quality and guaranteeing consistency.

- Single under-counter unit
- High quality dispensed drinks for smaller and medium sized outlets
- Shelf type dimensions – enabling easy under-counter installation
- Complete serving consistency
- Streamlined and space-saving
- Ease and flexibility of installation
- Simple to operate and service
- Features to minimise installation and downtime

Performance	32°C, 65%RH Ambient	24°C, 45% RH Ambient
Python length (m)	6	15
Python insulation	19mm	13mm
Dispense rate (dpm)	2 x 12oz	2 x 12oz
Dispense flow rate (oz/sec)	3	3
No. of heads	1	2
No. of valves / head	6	3
No. of drinks < 4.4 °C	50	90

Dimensions	
Height:	287mm
Width:	700mm
Depth:	430mm
Weight: Unloaded	35.5kg
Packed	37.5kg
Operational	53kg

Electrical	
Mains supply	230v 1ph 50Hz
Run current	3.2 Amps
Start current	17.7 Amps
Fuse	10 Amps
Energy consumption	4.38 kWh / 24hr (typical)

Connection Details	Size	Coil Quantity
Syrup coil x 5	5/16" (7.9mm) OD	5
Still water coil (premix) x 1	5/16" (7.9mm) OD	1
Soda re-circulation	3/8" (9.5mm) OD	1
Water inlet	3/8" (9.5mm) OD	
Carbon dioxide (CO2) inlet	1/4" (6.35mm) OD	
Coil material: Grade 304 stainless steel		

Refrigeration	
Maximum ambient temperature	38 °C
Icebank size	7kg
Compressor size	8cc
Compressor starting torque	Low starting torque
Evaporator type	Double wound stainless steel
Condenser type	Air Cooled – CuAl
Expansion device	Capillary
Refrigerant type	R134a
Refrigerant charge	See rating plate
Fan motor	35W
Fan blade	140mm
Air flow direction	Suck (air passes through condenser and fan blade before motor)

Controls	Icebank	Liquid Level
Control type	Mechanical temp control	Electronic

Carbonator Bowl	
Carbonated water reserve	1 litre
Refill differential	0.5 litres
Control	3 pin probe in conjunction with electronic liquid level control
Protection	Flood protection time @ 3 mins

	Carbonator Pump	Soda Pump	Agitator
Type	Diaphragm pump	Turbine pump (regenerative)	2 pole
Flow rate	2.5 litres/min	2.0 litres/min	n/a
Lift	n/a	2.5m (1 floor)	n/a
Protection	Thermal cut out	Thermal cut out	Thermal cut out

Standards and Legislation
 Product conforms to EMC Directive (2004/108/EC) Product conforms to Low Voltage Directive (2006/95/EC)
 Product conforms to Machinery Directive (89/392/EEC)