

# ICECORE 15 (R290)

Remote Cooler

## Model

IC15  IC15 Water Cooled



## Standard Features

In a climate where ecology and economy are critical factors, it is important for the beverage industry to create more efficient products. We are dedicated on addressing these issues directly and have developed market-leading cooling and dispense products that optimise performance and lower costs.

ICECORE™ offers dramatic improvements in energy consumption and reliability, with overall lower 'Total Cost of Ownership'.

Trials conducted in the UK have shown as much as 65% energy saving compared to our current MBS R134a equivalent.

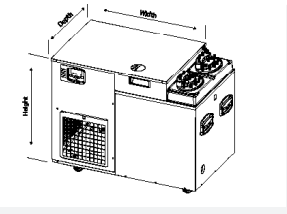
**Also available ICECORE15 Water Cooled Model**

## Benefits

- Significant improvements in insulation properties.
- Smart, temperature controlled soda recirculation system.
- A choice of environmentally acceptable refrigerant options.
- Electronically-commutated motors for agitation and condenser cooling.
- Enhanced reliability via the use of high specification and 'designed for purpose' componentry.
- Optional remote diagnostic telemetry package that allows 'web' access to the unit to detect, prevent and manage any maintenance issues.

## Specifications

# ICECORE™ 15 R290 Hydrocarbon Cooler - Postmix (Cold Carbonated)

|   |  | ICECORE 15                             |
|---|--|--|
| <b>Performance</b>  |  |  |
|   | Ice Bank Pull Down @ Optimised Ambient Temperature | 2hr 45min                              |
|   | Ice Bank Weight                                    | 15kg Nominal                           |
|   | Dispense Capacity*                                 | 459 x 340ml @ 2DPM                     |
|   | Optimised Ambient Temperature                      | 24°C                                   |
|   | Max Operating Ambient Temperature                  | 40°C                                   |
|   | Recommended Length                                 | 40 meters max                          |
| <b>Heat Rejection Rates</b>   |  |  |
|   | Integral (Average/per Hour)                        | 0.50kWh                                |
|   | Water Cooled (Average/per Hour)                    | 0.46kWh                                |
| <b>Physical Data</b>  |  |  |
|  | Height   | 648mm (inc castors)                    |
|   | Width  | 870mm                                  |
|   | Depth  | 526mm                                  |
|   | Waterbath  | 43ltrs                                 |
|   | Dry Weight   | 77kg                                   |
|   | Operating Weight                                   | 120kg                                  |
| <b>Electrical</b>   |  |  |
|   | Mains Voltage                                      | 220-240V AC / 50Hz                     |
|   | Run Current  | 4.4 Amps                               |
|   | Fuse Rating  | 10 Amps                                |
| <b>Refrigeration</b>  |  |  |
|   | Compressor Size                                    | 12.87cc                                |
|   | Duty @ -10°C Evaporation                           | 840W                                   |
|   | Refrigerant  | R290                                   |
|   | Integral Charge                                    | 150g                                   |
|   | Water Cooled Charge                                | 100g                                   |
| <b>Controls</b>   |  |  |
|   | Ice Bank   | 3-pin Resistive Probe                  |
|   | Carbonator Level                                   | Bi-level Resistive Probes              |
| <b>Carbonation System</b>   |  |  |
|   | Bowl Reserve                                       | 1.8 ltr                                |
|   | Fill Pump  | 125 gal/hr Brass Rotary                |
|   | Recirc Pump  | ST/ST TMFR                             |
| <b>System Protection</b>  |  |  |
|   | Compressor   | Thermal Switch (auto reset)            |
|   | Carbonator Pump                                    | Programmable system                    |
|   | Recirc Pump  | Linked with Carbonator Pump Protection |
| <b>Coils</b>  |  |  |
|   | Syrup  | Qty 8                                  |
|   | Pre-Chill  | Qty 1                                  |
|   | Soda Recirculation                                 | Qty 1                                  |
|   | Still Water  | Qty 1                                  |
|   | Pre-Mix  | Qty 2                                  |

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