

## Compact, post mix chilled drinks dispenser



The Multiplex albi is a range of countertop post mix drinks dispensers offering a choice of up to four chilled drinks. Providing options to serve still or carbonated flavours, or a combination of both, as well as still and carbonated water.

### Benefits

- Designed for smaller outlets such as coffee shops or restaurants. Plus workplaces that provide complimentary beverages.
- Multi flavour valve
- Easy installation
- Low maintenance
- Aesthetically engaging; a stylish, sleek beverage unit
- Reduces waste with less plastic packaging

### Standard requirements

- Compact post mix dispenser
- Capable of dispensing four products
- Easy installation - requires mains power, CO<sub>2</sub> and water connection
- Bag-in-box must be stored below, or on a level with the dispense unit within 2 metres
- Water supply is piped into the unit from the mains - 40 psi
- Beverage grade CO<sub>2</sub> supply - 80 psi regulators

In a world where energy saving, material waste and running costs are growing concerns this post mix dispenser will significantly reduce waste with less plastic packaging. The Multiplex albi uses natural refrigerants dramatically reducing energy consumption and lowering your carbon footprint.



 **ISO 9001: 2000**  
**Quality System Certified**

*Refreshing The Experience*

## albi family

|  | albi Still       | albi Carbonated  | albi Flex                                | albi Flex Plus                           |
|--|------------------|------------------|--|--|
| Number of flavours                           | 4                | 4                | 4  | 4  |
| Carbonated/Still                             | Still only       | Carb only        | Carb and Still - (operator configurable) | Carb and Still - (operator configurable) |
| Plain water dispense (Operator configurable) | Still only       | Carb only        | Carb and Still                           | Carb and Still                           |
| User interface                               | Push button      | Push button      | Push button                              | Illuminated capacitive touch panel       |
| Dispense button branding                     | Thumbnail labels | Thumbnail labels | Thumbnail labels                         | Graphic panel touch card                 |

## Specifications

### PERFORMANCE - 24°C AMBIENT, DRINKS AT OR BELOW 4.4°C

|   |  |
|---|--|
| Ice Bank pull down                            | 1.5 hours  |
| Ice Bank weight                               | 2.7 kg (6 lbs)   |
| Dispense capacity                             | 80 x 284ml drinks (9.6oz) @ 1 drink/min drinks at or below 4.4°C |
| Optimised ambient temperature                 | 24°C (75°F)  |
| Max operating temperature                     | 32°  |
| Drinks capacity                               | 90 drinks @1dpm*   |
| Max number of 7 litre BIB's in 1 week (7days) | 15 x 7 litre Bib**   |

### PHYSICAL DATA

|                    |                        |
|--------------------|------------------------|
| Height             | 495mm (19.5")          |
| Width              | 325mm (12.8")          |
| Depth              | 645mm (25.4")          |
| Waterbath capacity | 9 litres (2.4 gallons) |
| Dry weight         | 31 kg (68 lbs)         |
| Operating weight   | 45 kg (99 lbs)         |

### ELECTRICAL

|                          |           |
|--------------------------|-----------|
| Mains voltage\ frequency | 230V/50Hz |
| Run current              | 3.5 amps  |
| Fuse rating              | 10 amps   |

### WATER & CO<sub>2</sub> PRESSURE

|                                  |           |
|----------------------------------|-----------|
| Max\Min water pressure           | 50\20 psi |
| Max\Min CO <sub>2</sub> pressure | 85\75 psi |

### REFRIGERATION

|                                |                    |
|--------------------------------|--------------------|
| Compressor type \ displacement | TL4CN - 4cc        |
| Duty @ -10°C evaporation       | 250 watts          |
| Refrigerant                    | R290               |
| Refrigerant charge             | 75 grams (2.64 oz) |

### CONTROLS

|                         |                                      |
|-------------------------|--------------------------------------|
| Ice Bank                | Two pin electronic resistance probe  |
| Carbonator liquid level | Bi-level electronic resistance probe |

### CARBONATION SYSTEM

|                           |   |
|---------------------------|---|
| Carbonator pump           | 454 litres (100 gallons)\hour brass rotary vane                       |
| Carbonator pump motor     | 150W induction motor 1400 RPM   |
| Carbonator Bowl fill rate | Nominal 3.0 litres (0.8 gallons)/min @ 80psi CO <sub>2</sub> pressure |
| Carbonator Bowl reserve   | 0.6 litres (20ozs)  |

### SYSTEM PROTECTION

|                               |                             |
|-------------------------------|-----------------------------|
| Compressor                    | Self resetting thermal trip |
| Carbonator pump               | Self resetting thermal trip |
| Recirculation pump \ agitator | Self resetting thermal trip |
| Carbonation system            | Carb pump time out - 4 mins |

### \*/\*\* ASSUMED OPERATING CONDITIONS:

Ambient operating temperature = 24°C, syrup storage temperature = 24°C, water in temperature = 16°C.