

## BUILT-IN UNDERCOUNTER FREEZER

### Series Overview

The built-in undercounter freezer features a microprocessor temperature controller and display, this allows for precise temperature control, verification and recovery versus mechanical style thermostats. Models are designed with "front-breathing" ventilation which eliminates the need for clearance around the top and sides of the unit. Auto defrost freezers incorporate an electric heater installed on the evaporator that assist in the removal of the frost and ice. Although the heater helps speed up the frost and ice removal, it can raise the temperatures within the freezer. \*Periodic manual defrosting is required

### BIUF-0420A-LH

One solid swing door chamber designed for maximum capacity while still allowing passage through most commercial doorways.

### Performance

Unit comes standard with a temperature range of  $-15^{\circ}\text{C}$  to  $-25^{\circ}\text{C}$ . Auto defrost cycle every 6 hours, max air temp in empty freezer:  $+4.9^{\circ}\text{C}$ ; max air temp in loaded freezer:  $+0.6^{\circ}\text{C}$ . Max sample temp in empty freezer:  $-9.1^{\circ}\text{C}$ ; max sample temp in loaded freezer:  $-11.2^{\circ}\text{C}$ . Products designed to operate in ambient room temperatures not to exceed  $75^{\circ}\text{F}$  / 50% RH.

### Control System

All series models comes standard with a Fuji PXF4 (PID - Fuzzy Logic) controller providing a readout of actual and set-point values. This chamber comes with audible and visual alarms, remote monitoring and a numeric password protection. Chamber has cleanable solid front face with control panel section guarded by clean plastic enclosure. Plenty of alternative customized options are available.

### Services and Warranties

Darwin Chambers Company offers 24 hour technical support throughout the lifetime of your chamber. In addition to standard warranties, we also offer extended warranties for cooling components, parts and labor. We also provide qualifications, validations and preventive maintenance services at an additional cost. Please ask for a quote.



The Premier Built-in Undercounter Refrigerators and Freezers take a large step forward in performance from past general purpose units; offering a digital temperature display and alarm module coupled with a microprocessor temperature controller.



### Construction

Freezer is constructed of powder coated exterior.

- 3 adjustable shelves with guard rail on back to prevent product from being pushed against the back wall
- one solid swing door, left hinged
- Magnetic door gasket for positive seal with keyed door lock and heavy duty door handle
- Leveling legs
- Probe access port (3/8")
- High density urethane foam cabinet and door insulation
- HFC-free refrigerant (R290a), foam insulation and packaging
- Exterior dimensions: 23.75" W x 24.5"D x 33.13"H
- Shipping weight: 143 lbs
- Voltage: 115 / 60 / 1.8 Amps, 1/8 HP
- UL/C-UL listed
- Pyxis®, Omnicell® and AcuDose RX® compatible



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## Built-In Undercounter Freezer Technical Drawings