

Darwin Chambers Company

http://www.darwinchambers.com

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DB056 INCUBATOR



Updated 1/22/05

SPECS:

| | |
|-------------------------------|------------------------------------|
| Temperature Range | 4° - 60°C |
| Temperature Control | ±0.2°C |
| Temperature Uniformity | ±1.0°C |
| Ambient Temperature Tolerance | 17°C - 30°C |
| Control Sensitivity | 0.1°C |
| Control Read Out | Actual and Set-Point Values |
| Sensor | NIST traceable Platinum RTD |
| Controller | Microprocessor based PID |
| Calibration Capability | Yes, actual and set values |
| Incubator Alarm | Audible and visible |
| Alarm Type | Absolute Hi/Lo in 0.1°C increments |
| Remote Monitoring | Available |
| Electrical Requirements | 115v, 60 Hz, 12 amps |
| Interior Cubic Feet | 56 |
| Required Clearance | 1" all sides |

CABINET CONSTRUCTION:

- 300 series stainless steel exterior with 300 series stainless steel interior to match cabinet liner. Doors extend full width of cabinet shell.

- Barrel lock standard for each door. Locks keyed alike.
- Cabinet mounted on a welded, galvanized frame rail, painted for additional corrosion protection.
- Frame rail fitted with 4" diameter casters, front casters include brakes).

DOORS:

- 300 series stainless steel exterior with interior to match cabinet liner. Doors extend full width of cabinet shell. Door gaskets of one piece construction.
- Lifetime guaranteed adjustable torsion type closure system with aluminum block supports. The face of each door fitted with a 12" long recessed handle with sheetmetal interlock. Handles are foamed-in-place to insure permanent attachment.
- Glass doors available.

INSULATION:

- Entire cabinet structure and doors insulated using foamed-in-place CFC free polyurethane foam.

SHELVING:

- Adjustable chrome plated stainless wire shelves (3 per door). Shelves capable of supporting up to 250 lbs.

LIGHTING:

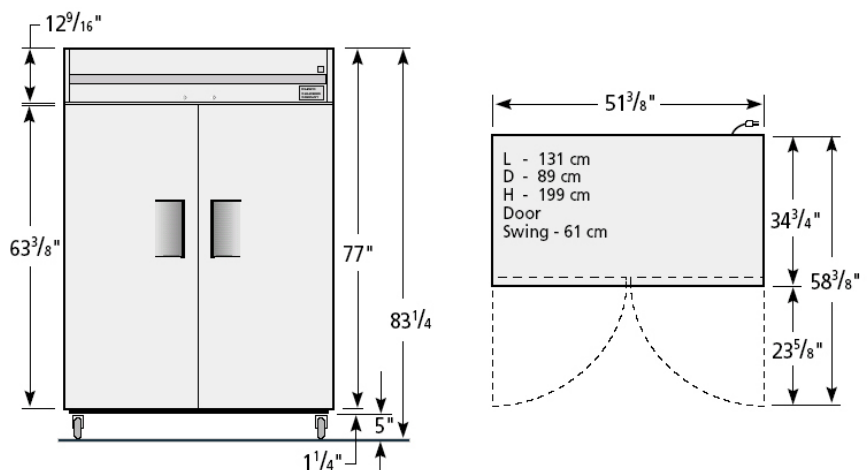
- Incandescent interior lighting. Light(s) activated by rocker switch mounted above door(s).

REFRIGERATION SYSTEM:

- Refrigeration system factory balanced using CFC free 134A refrigerant.
- Top mounted condensing unit.
- Factory pre-engineered capillary tube system with oversized condenser and evaporator to reduce product pull down time and to consistently maintain interior cabinet temperature (non-adjustable capillary tube system superior to problematic expansion valve).
- Evaporator - epoxy coated at the time of manufacture to eliminate the potential of corrosion.
- Unsurpassed temperature control through continuous refrigeration bypass system.

ELECTRICAL CHARACTERISTICS:

- Unit completely pre-wired at factory, and ready for final connection to a 115/60/1 phase - 15 amp dedicated outlet. A cord and plug set to be included.



ROUGH-IN DATA

| Model # | Doors | Capacity | # of Shelves | Length | Depth | Height | Phase | Amps | Nema | Cord Length | Crated Weight |
|---------|-------|------------|--------------|---------------|---------------|------------------|-------|------|------|-------------|---------------|
| DB056 | 2 | 56 Cu. Ft. | 6 | 51.2" / 131cm | 34.75" / 89cm | 83.25" / 211.5cm | 1 | 12 | 5-15 | 9' | 420 lbs. |

• A sole use circuit is required.