

DB085 INCUBATOR



Updated 1/22/05

SPECS:

(AT 25°C / 50% RH)

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, 16 amps
Interior Cubic Feet	85
Required Clearance	1" all sides

CABINET CONSTRUCTION:

- 300 series stainless steel exterior with 300 series stainless steel interior to match cabinet liner.
- 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 castors, (front castors 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 chromed stainless steel wire shelves (3 per door). Shelves capable of supporting up to 250 lbs.

LIGHTING:

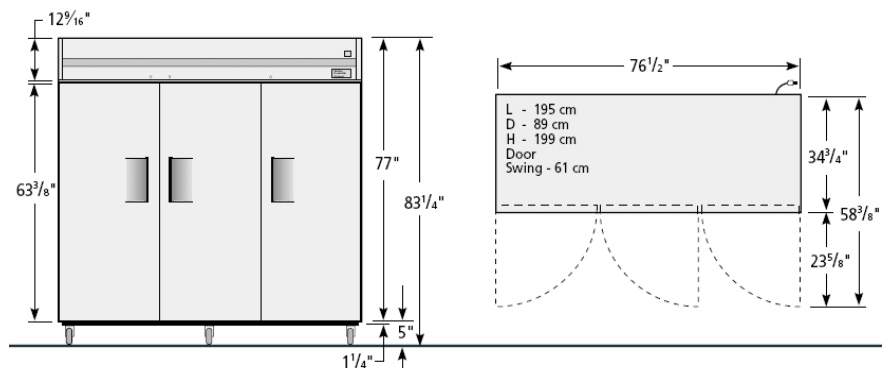
- Incandescent interior lighting. Light(s) activated by rocker switch mounted above door(s).

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 - 20 amp dedicated outlet. A cord and plug set to be included.
- A sole use circuit is required.



ROUGH-IN DATA

Model #	Doors	Capacity	# of Shelves	Length	Depth	Height	Phase	Amps	Nema	Cord Length	Crated Weight
DB085	3	85 Cu. Ft.	9	76.5" 195cm	34.75" 87.6cm	83.3" 211.6cm	1	16	5-20	9'	600 lbs.