

# BloodTrack® HaemoBank® Blood Storage Device

## Technical Data Sheet

### Specifications

The BloodTrack® HaemoBank® 20 blood storage device has 20 secure access compartments to store blood components and is available with a wall-mounted or desk-mounted kiosk and a printer. It can also be ordered separately to work with your existing BloodTrack kiosk and printer. The device works with the BloodTrack® software to act as a 24/7 virtual, automated transfusion service, helping to reduce lab workload, safely improve access and reduce waste.



### Application

Application	Storage of blood products and other medical and scientific products.
Storage Capacity	20 trays / 1 blood bag per tray / liquid tight
Temperature Range	2°C to 10°C (36°F to 50°F)
Default Set Point	4°C (39°F)

### Electrical Data

Input Voltage and Frequency	100-230 Vac (50/60 Hz)
Voltage Tolerance	±10%
Current Draw	2.3 A (100-240 V)
Circuit Breakers	7 A (quantity 2)
Power Source	Grounded outlet, meeting national electric code (NEC) in the U.S. and local electrical requirements in all locations
Power Switch	Main power switch Battery disconnect switch
Power Plug	NEMA 5-15 hospital grade plug (115 V) BS1363 and CEE 7/7 plugs (230 V)

### Ratings

Ambient Operating Temperature	15°C to 32°C (59°F to 90°F)
Relative Humidity	80% for temperatures up to 31°C; decreasing linearly to 50% at 40°C
Sound Pressure Level (SPL)	51 dBA (in-house test)
Indoor/Outdoor Use	Indoor use only
Application Environment	Non-corrosive, non-flammable, non-explosive
Certificate of Calibration	Included

### Refrigeration System

Refrigeration System	Forced air circulation
Nominal Compressor Capacity	115 Watts (ASHRAE LBP)
Refrigerant	R-290 Propane (non-CFC, non-HFC)

### Controller

Interface	i.C <sup>3</sup> ®, 7" color LCD touchscreen
Controller Type	Microprocessor with touchscreen input and display. Includes USB port for data retrieval.
Communication Ports	(1) USB Port (side of door-mounted user interface) (1) Ethernet Port (lower left rear of unit)
Alarms	High temperature, low temperature, and compressor temperature; door open; AC power failure; low battery; no battery
Remote Alarm Interface	Dry contacts, N.O. and N.C.
Remote Alarm Capacity	0.5 A at 30 V (AC RMS); 1.0 A at 60 V (DC)
Event Log	All alarms, door openings, download via USB
Temperature Log	60 days, download via USB
Temperature Monitor	Probe bottle, 4oz. (120 mL)
Access Log	60 days, download via USB
Interactive Temperature Graph	Yes
Battery Back-up	12 V, 26 Ah rechargeable sealed lead acid battery

### Dimensions and Construction

Interior (w x h x d) in (mm)	24.88" x 18.27" x 25.96" (632 x 464 x 659 mm)
Exterior (w x h x d) in (mm) (Includes handle, casters, hinges)	29.49" x 34.37" x 31.53" (749 x 873 x 801 mm) Fits through standard 36" (914 mm) doorway
Insulation	Sustainable, U.S. EPA and SNAP approved foam
Wall Thickness	2" (51 mm)
Door Thickness	1.25" (32 mm)
Internal/External Material	Galvannealed steel with bacteria-resistant powder-coated finish
External Rear Access Port	0.688" (17 mm) diameter port for external monitoring of temperature probes
Tray (w x l x d) in (mm)	4.78" x 12.97" x 1.52" (121 x 329 x 39 mm)
Net Weight	334 lb (152 kg)
Shipping Weight	411 lb (186 kg)
Shipping Dimensions (w x h x d) in (mm)	44" x 34" x 88" (1118 x 864 x 2210 mm)
Chamber Light	Yes, LED
Casters	Swivel, locking
Options/Accessories	Temperature Mapping Certificate, Table and Wall Mount Kit, Stacking Kit and Leveling Feet

### Location Requirements

**Countertop installation:** Minimum depth 30" (763 mm); Must safely support minimum 425 lbs (193 kg); Must use Table and Wall Mount Kit

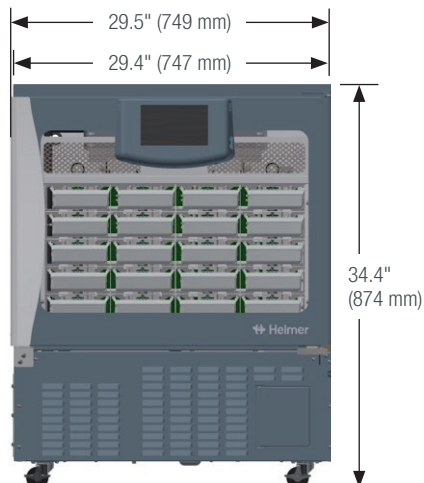
**Undercounter installation:** (w x h) 30.25" x 35" (768 mm x 889 mm)

**NOTE:** Add 2" (51 mm) to depth needed for installation if wall outlet is located directly behind the device. For undercounter installations, ensure there is a clearance of (w x h) 30.25" x 35" (768 mm x 889 mm) for devices installed with leveling feet and (w x h) 30.25" x 37.25" (768 mm x 946 mm) for devices installed with casters.

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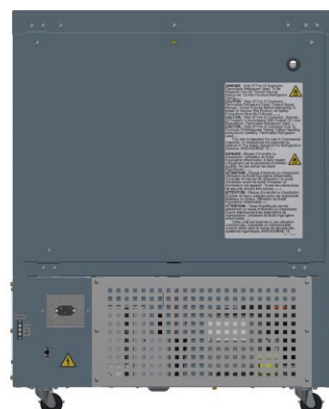
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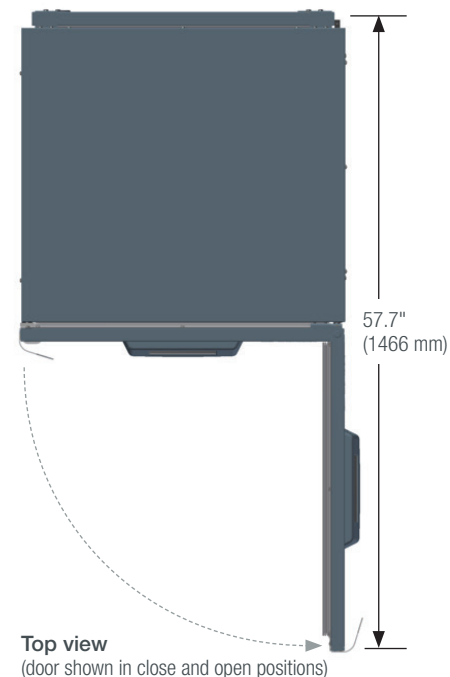


Front view

**NOTE:** Height with optional leveling feet  
Lowest level: 32.4" (823 mm)  
Highest level: 34.4" (874 mm)



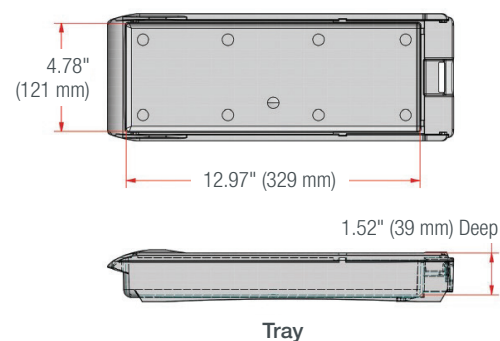
Back view



Left side view



Right side view



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