

Freezemobile™

Shell Bath Freezer



Specifications

	Dual Bath
Lowest bath temperature	-75°C
Number of compressors	2
Compressor horsepower	1.0

Note: Performance specifications are based on SP test data from units using 3M™ Novec™ 7000 Engineered Fluid and operating at an ambient temperature of approximately 20°C (68°F). The Freezemobile is not intended or designed to be safely used with extremely flammable fluid (e.g; Methanol).

Maximum Flask Capacity

	Dual Bath
150 mL Flasks	Up to Six (6)
300 mL Flasks	Up to Four (4)
600 mL Flasks	Up to Four (4)
1200 mL Flasks	Up to Two (2)
2000 mL Flasks	Up to Two (2)

Dimensional Data

	Dual Bath
Width	25 in (63.5 cm)
Depth	29 in (73.7 cm)
Height	41.5 in (105.4 cm)
Approximate weight	375 lbs (170 kg)
Minimum clearance on all sides	10 in (25.4 cm)

Electrical Requirements

	Dual Bath
Voltage	208/240 VAC
Hertz	50/60 Hz
Phase	1 Ø
Breaker amperage	20 A
NEMA receptacle†	6-20R

Additional Information

Construction	316L stainless steel bath
Refrigerant type	CFC-free
Recommended process fluid	3M™ Novec™ 7000



Key Features

- Increase freezing capacity by 30-40% with cascade refrigeration system
- Control up to two baths simultaneously
- Monitor temperature on reflective LCD display
- Rotate flasks automatically on motor driven rollers
- Pre-freeze up to 6 flasks at a time with optional Dual Bath configuration

Refrigerant Information

	Gas 1	Gas 2
F gas	R407C	R508B
Charge (Kg)	0.453	0.217
GWP	1774	13396
EPA SNAP	IPR/VLTR	IPR/VLTR
Safety Class	A1	A1
Total CO2e (t)	3.710	