

VirTis Freezemobile

Shell Bath Freezer



Key Features

- Conical or cylindrical shell freezing capability.
- Automatic flask rotation with independently controlled motor-driven rollers.
- Digital temperature readout for each bath.
- Choice of refrigeration system to meet your product freezing requirements.

Electrical Requirements

	ES	EL
Voltage (VAC)	208/240	208/240
Hertz	50/60	50/60
Phase	1	1
Breaker Amperage	15	20*
NEMA Receptacle [†]	6-15R	6-20R*

* Specification given is for a Dual Bath unit. Single Bath units with an EL refrigeration system have a breaker amperage of 15 amps and require a 6-15R receptacle.

[†] Receptacle configuration for 50 Hz units varies by country.

Performance Specifications

Item	ES	EL
Single Bath		
Lowest Bath Temperature (°C)	-50	-75
Number of Compressors	1	2
Compressor Horsepower	1	1/2, 1/2
System Refrigerant	MO 89	R508B, R407C
Dual Bath		
Lowest Bath Temperature (°C)	-50	-75
Number of Compressors	1	2
Compressor Horsepower	1	1, 1
System Refrigerant	MO 89	R508B, R407C

Note: Performance specifications are based on SP Scientific test data from units operating at 60 Hz at an ambient temperature of approximately 20 °C.

Dimensional Data

Item	Single Bath	Dual Bath
Width (in / cm)	25 / 63.5	25 / 63.5
Depth (in / cm)	29 / 73.7	29 / 73.7
Height (in / cm)	41.5 / 105.4	41.5 / 105.4
Approximate Weight (lb / kg) [†]	300 / 136	375 / 170
Minimum Clearance on All Sides (in / cm)	10 / 25.4	10 / 25.4

[†] Weights given are for units equipped with an EL refrigeration package. Units with an ES refrigeration package shall have a lower total weight.

Maximum Flask Capacity

Item	Single Bath	Dual Bath
150 mL Flasks	Up to Three (3)	Up to Six (6)
300 mL Flasks	Up to Two (2)	Up to Four (4)
600 mL Flasks	Up to Two (2)	Up to Four (4)
1200 mL Flasks	One (1)	Up to Two (2)
2000 mL Flasks	One (1)	Up to Two (2)

Additional Information

Construction	316L Stainless Steel Bath
Refrigerant Type	CFC Free
Recommended Process Fluid	Methanol or Ethanol



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