



MVE 816P-2T-190

Designed to meet the needs of the fertility/IVF repository



Innovative inventory system

Two tier storage (with cutout in top tier) allows convenient access to bottom tier.



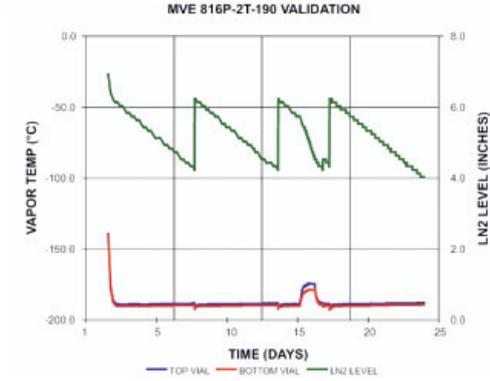
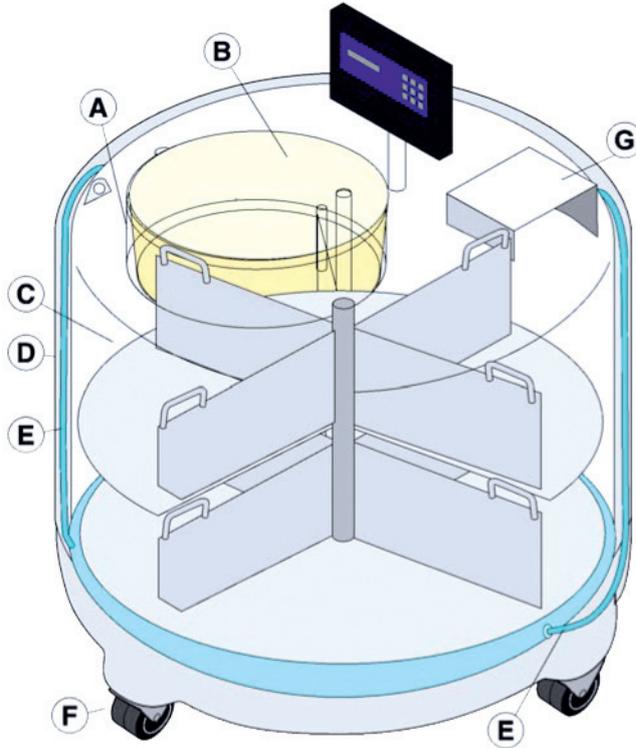
Features/Benefits:

- Vapor phase storage temperature of -190°C^*
- Two tier storage system maximizes capacity while minimizing floor space
- High efficiency design with offset neck for lowest possible LN2 consumption
- Low maintenance polished stainless steel finish
- Available with Battery Backup and Hot Gas Bypass options
- TEC 3000 control system with liquid level control and temperature alarms
- Optional Step

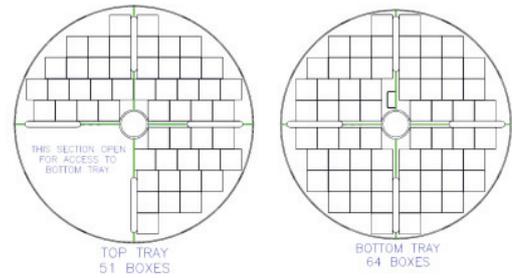
The all new MVE 816P-2T-190 freezer has been created with the fertility market in mind. This freezer is specifically designed to hold vials and SUC-1 canisters which are used by leading fertility clinics worldwide. A constant temperature allows for vapor storage throughout the freezer at near liquid nitrogen temperatures. The innovative inventory system incorporates a two level storage arrangement that utilizes an access portal to allow removal of product stored on the lower level.

*Temperature tolerance of $\pm 5^{\circ}\text{C}$

>>>



Layout for SUC Boxes



115 SUC Boxes Total

- A Offset neck design minimizes liquid nitrogen consumption
- B Lightweight composite lid is scratch and dent resistant
- C Two level rotating tray provides easy access to samples
- D Stainless steel construction reduces maintenance
- E Annular (internal) filling lines minimizes frost build up and reduces maintenance requirements
- F Durable casters equipped with brakes
- G Lid Stand

TWO Year Standard Warranty • FIVE Year Vacuum Warranty
Conforms to MDD 93/42/EEC, the Medical Device Directive for the EU.

United Dimensions	
Neck Opening <i>in (mm)</i>	12.5 (317)
Usable Internal Height (per level <i>in (mm)</i>)	13 (330)
Inside Diameter (top) <i>in (mm)</i>	28.7 (728)
Inside Diameter (bottom) <i>in (mm)</i>	27.7 (702)
Outside Diameter <i>in (mm)</i>	32 (813)
External Height <i>in (mm)</i>	50 (1271)
Liftover Height <i>in (mm)</i>	40.3 (1024)*
Weight Empty <i>lb. (kg)</i>	475 (215)
Weight Liquid Full <i>lb. (kg)</i>	1155 (524)
Unit Capacities	
SUC-1 Boxes	115
1.0 mL Vials	15870
1.2 mL Vials	16560
2.0 mL Vials	9200
0.5 cc Straws	35650
0.25 cc Straws	49910
LN2 Capacity (vapor operation)	56 liters

*With optional step. Without optional step, liftover height is 48.3" (1227mm).