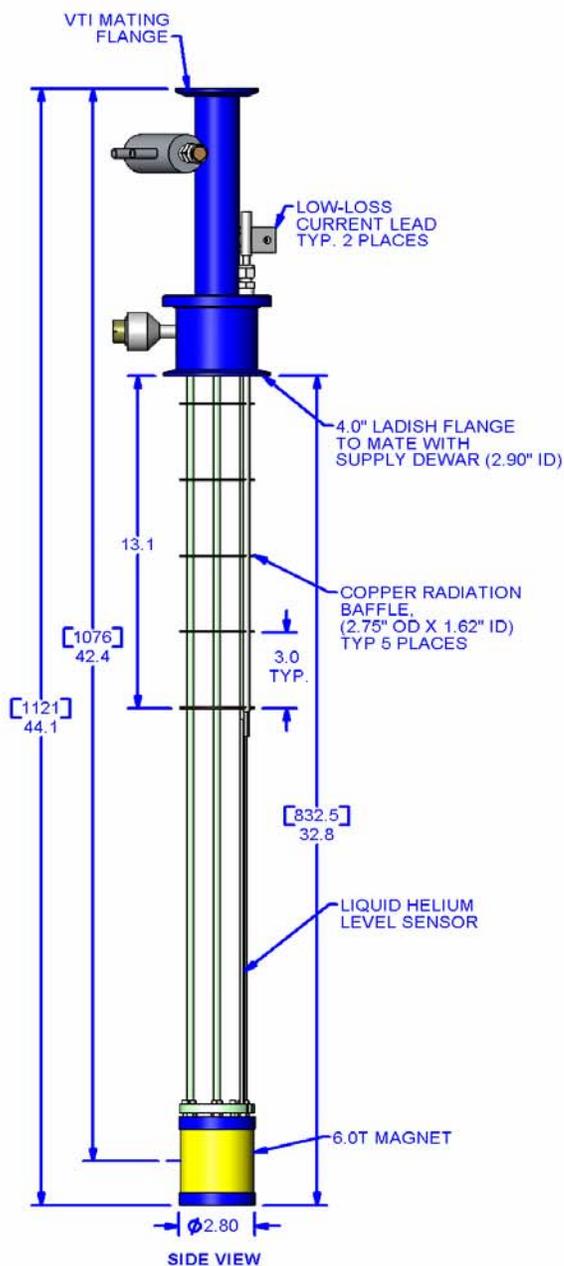
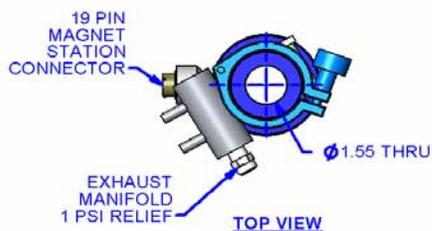




## Model SD-6-15 Storage Dewar Magnet System

- 6 Tesla magnet with vertical access
- Low-loss liquid helium storage dewar
- 4K sample insert
- 4-Quadrant power supply and magnet controller for fast ramping capability
- Liquid helium level instrumentation
- Color coded, quick-disconnect power cables (e.g., no tools required)
- Complete liquid helium test of magnet system and electronics
- System software interface for magnet control (LabVIEW™)
- Complete system manual





## Magnet System Specifications

- 6.0 Tesla vertical field
- 4.5 Tesla per minute ramp rate
- 38 mm diameter magnet clear bore
- +/-1.0% homogeneity (1 cm DSV)
- No persistent-mode switch
- Liquid helium capacity: 30 liters
- Liquid helium hold time: 100 hours (zero current in leads)
- 73.5 mm dewar neck I.D.
- Dewar height: 1220 mm
- Sample tube O.D.: 38 mm
- Required lifting height: 2.1 m
- Dry weight: 68 kg/150 lbs

Please feel free to contact us or your AMI representative to discuss your requirements. Visit us on the web at [www.americanmagnetics.com](http://www.americanmagnetics.com), [sales@americanmagnetics.com](mailto:sales@americanmagnetics.com) or by phone at (865)482-1056.