

# MSF\_M

## REIMAGINED MODULAR MAGLEV

MULTISTACK.COM



**MagLev was born out of Multistack's bent to harness disruptive technology.** We were the first in America to develop a production magnetic chiller solution when we built our first prototype nearly 17 years ago: the MS80T. Today we build MagLev chillers in excess of 2,000 Tons and have leveraged our magnetic product and controls know-how to reimagine that original MagLev chiller. The MSF\_M embodies everything we've learned enabling us to offer compact footprint, high efficiency, and cutting-edge controls.

- MagLev Modular Chiller Design
  - Available in 90,120, and 140-ton modules
    - Mix and match all module sizes to optimize your chiller design
  - Compact 32" wide modules for all sizes fits through a standard 3'-0" door
  - Shell and Tube evaporator and condenser deliver "near large centrifugal" efficiencies
  - Total access configuration standard
    - Allows for all maintenance (including cleaning/brushing tubes) on one module without affecting the operation of any others
  - Easily integrated into constant or variable flow applications
- FlexSys Third Generation (GIII) Controls deliver
  - 1 to 1 control of compressors for real-time performance optimization
  - Onboard control of condenser water ensures proper head pressure control
  - Remote accessibility
  - Optional control of chilled water and condenser water pump available
- All the benefits that accrue to MagLev compressors
  - Low peak current inrush on starting can often aid in downsizing emergency generators
  - Oil-free operation ensuring full efficiency over the life of the chiller
  - Excellent turndown: single digit percentages in some cases
  - Quietness unparalleled in large tonnage chillers

