

## VORTEX TUBE AIR-M150H

Airmasters vortex tubes are made of durable stainless steel and the only vortex tubes with brass generators. No plastic pieces! 10 year warranty! Our Vortex Tube is usable in high temperatures environments as it comes. Vortex tubes are devices that work on a standard compressed air supply. Air enters the vortex tube and literally splits the air flow into two parts - cold air at one end, and hot air at the other, all without any moving parts. Airmasters Vortex tube have an adjustable valve at the "hot" end controls the volume of the air flow, and the temperature exiting at the cold end. By adjusting the valve, you control the "cold fraction" which is the percentage of total input compressed air the exits the cold end of the vortex tube. Three sizes available of vortex tubes small, medium and large. Also there are 24 different generators for compressed air capacity. Temperature range goes from -46°C to +130°C. The brass generators are interchangeable. There are also two types of generators H and C, the H types used produce maximum refrigeration while the C type it is used to produce maximum cold temperatures (90% of the applications require the H type). We advise to use inlet pressure at 7 Bars.



|                             |                  |
|-----------------------------|------------------|
| Cooling capacities [Btu/h]  | 10.300 Btu/h     |
| Cooling capacities [Kcal/h] | 2600 Kcal/h      |
| Cooling capacities [Watts]  | 3018 Watt        |
| Air consumption [l/min]     | 4150 l/min       |
| Sound level [dB(A)]         | 97 dB(A)         |
| Material                    | Stainless Steel  |
| Material Generator          | Brass            |
| Dimensions                  | 278 mm x Ø 54 mm |
| Connection type             | 1/2" male        |
| Warranty                    | 10 years         |