

**Product Name :**  
Water Cooler Test Rig

**Product Code :**  
ASTRALAB-SUPPLYA21030



**Description :**

Water Cooler Test Rig

**Technical Specification :**

The trainer consists of a hermetically sealed compressor, forced convection air-cooled condenser, filter / drier, flow meter, expansion device and coil wound type evaporator. Separate pressure gauges are provided to record suction and discharge pressures and digital temperature indicators for various temperatures. All the components are mounted on rigid steel frame. The refrigerant used is which is environment friendly. This is a direct expansion type evaporator. The heat absorbed by the refrigerant is passed through water which is continuously

flowing. The Water Cooler Test Rig enables students to study and understand Vapor Compression Cycle, its components, principle and working. The tubes are made of refrigerated grade annealed copper tubes. The water cooler consists of an insulated stainless steel tank around which evaporator tubes are wound and soldered.



## **Astra Scientific**

www.astrascientific.com, **Email:** info@astrascientific.com

**Address:** K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265