

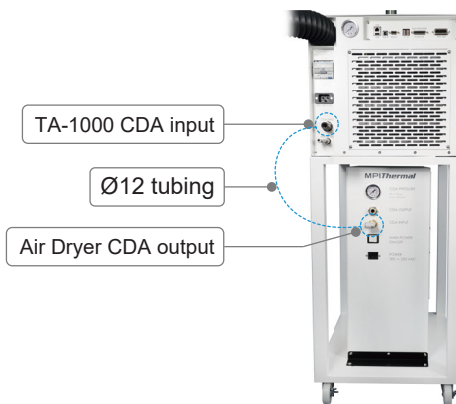
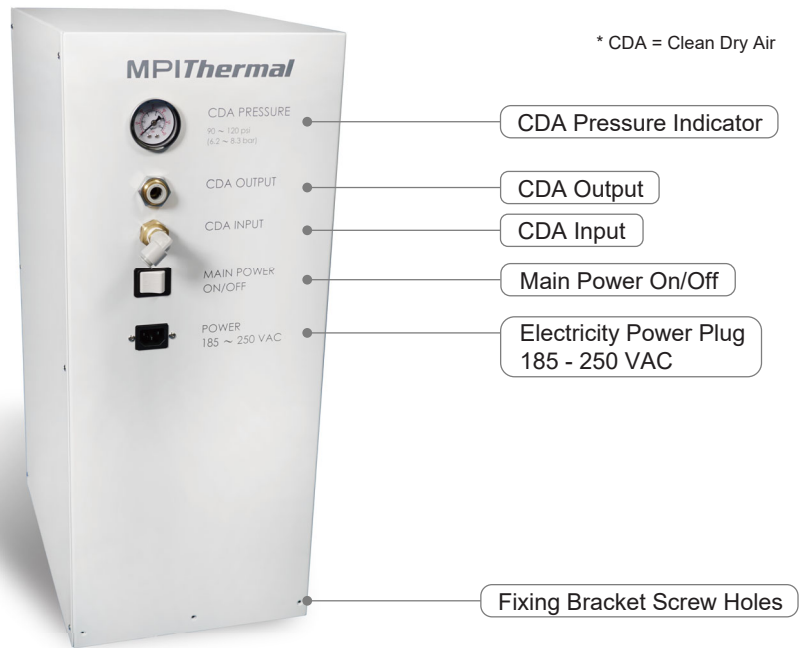
# ThermalAir TA-1000 Air Dryer

## An Evolution in Localized Temperature Test Systems

The ThermalAir Air Dryer is an optional accessory for the TA-1000 Series temperature test systems. It can be either integrated with the Roll Around Cart accessory or wall-mounted.

The TA-1000 Air Dryer reduces input air moisture to reduce the output air dew point to prevent moisture from frosting within the TA-1000 chiller, which will affect the output air flow.

Smallest Footprint  
Energy Saving  
Performance Plus  
More Flexibility



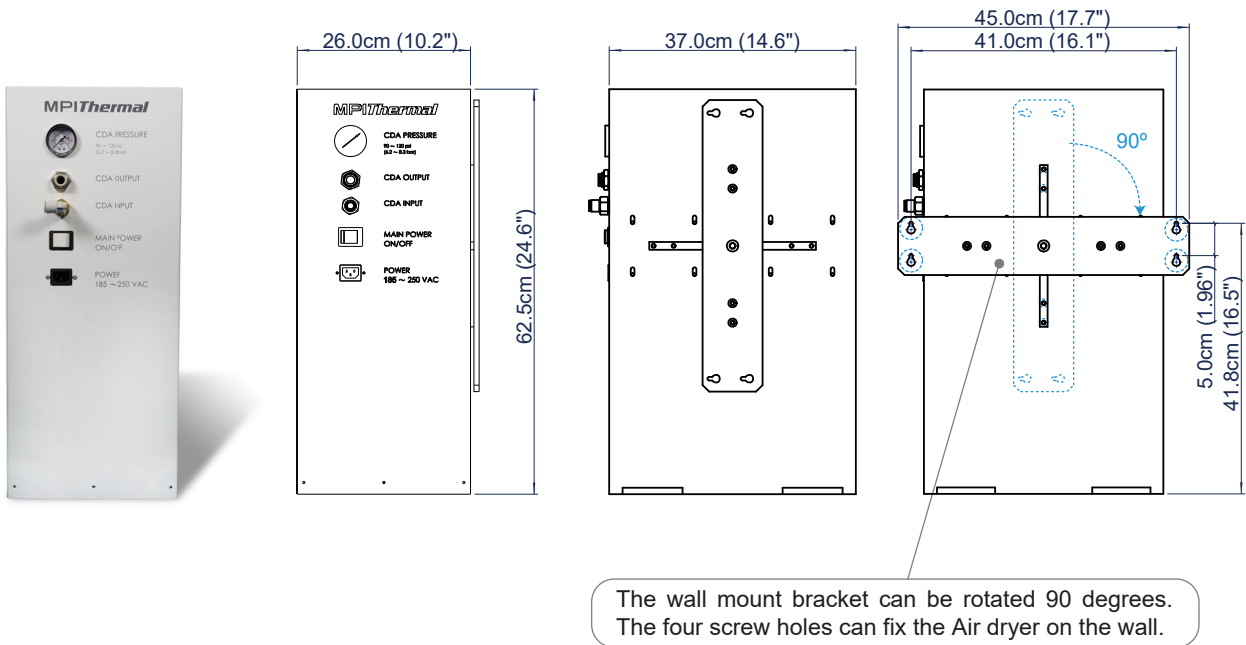
■ Air Dryer integrated with Roll Around Cart and TA-1000A

■ Air Dryer - Wall Mounted

# ThermalAir TA-1000 Air Dryer

An Evolution in Localized Temperature Test Systems

MPI Thermal ThermalAir TA-1000 Air Dryer  
A Division of MPI Corporation



## Specifications

### Dimensions & Weight/ Power

Base Unit & System Weight	W=37.0cm(14.6in.), D=26.0cm(10.2in.), H=62.5cm(24.6in.) Un-packed : 40kg (88 lbs) / Packed : 45 kg (99 lbs)
Power	185 - 250VAC, 50 / 60Hz, 3amp, 1phase

### User Interface/ Compressed Air

Air Connection	Input OD PT 3/8" female screw / OD Ø12 fitting Output OD PT 3/8" female screw / OD Ø12 fitting
Input Air Pressure	90 to 120 psi (6.2 to 8.3 bar)
Input Air Temperature	+15°C to +25°C, +22°C nominal
Input Air Dewpoint	<+10°C dewpoint
Operating Temperature Environment	+15° to +28°C, +23°C nominal
Input Air Flow	5 to 20 SCFM (2.4 to 9.4 l/s)

### Output Airflow Capacity

Output Air Dewpoint	<-40°C dewpoint
Output Max Air Flow	15 SCFM (7.1 l/s)