



Environmental Services

Ransco Walk-in Chambers:

Chamber 1: Watlow controllers and Honeywell chart recorders

- -40C to +90C (averaging 3C per minute ramp rate)
- 20% to 95% relative humidity controlled
- 8' 8" wide x 7' 2" deep x 7' 4" ceiling height
- 4' x 7' door opening (with full floor ramp for easy access)
- (2) 4" port holes for cabling

Chamber 2: Watlow controllers and Honeywell chart recorders

- -5C to +70C (averaging 4C per minute ramp rate)
- 20% to 93% relative humidity controlled
- 9' 10" wide x 7' 1" deep x 7' 8" ceiling height
- 4' x 7' door opening (with full floor ramp for easy access)
- (2) 6" port holes for cabling

Reach-in Chambers:

Chamber 3: VersaTenn controller and Honeywell chart recorders

- 5' wide x 3' 4" deep x 3' 4" high
- 20% to 95% RH controlled
- Temperature range -40C to +100C
- (1) 6" port hole and (1) 3" port hole for cabling

Chamber 4: VersaTenn controller and Honeywell chart recorder

- 36" wide x 39" deep x 36" high
- 20% to 95% RH controlled
- Temperature range -40C to +100C
- (2) 4" port holes for cabling

Chamber 5: Watlow controller

- 30" wide x 30" deep x 30" high
- 20% to 95% RH controlled
- Temperature range -50C to +150C
- (1) 3" port hole for cabling

Chamber 6: Watlow controller

- 24" wide x 24" deep x 20" high
- (2) 4" port holes for cabling
- Temperature range -70C to +170C

Chamber 7: Watlow controller

- 36" wide x 36" deep x 36" high
- (1) 3" port holes for cabling
- Temperature range -40C to +100C

Chamber 8: Watlow controller

- 36" wide x 36" deep x 36" high
- (1) 3" port holes for cabling
- Temperature range -40C to +100C

Chamber 9: LFE controller

- 24" wide x 24" deep x 24" high
- (1) 3" port hole for cabling
- Temperature range -40C to +85C

Chamber 10: Watlow controller

- 16" wide x 11" deep x 12" high
- (1) 3" port hole for cabling
- Temperature range -60C to +100C

Chamber 11: Watlow controller

- 40" wide x 38" deep x 38" high
- (1) 4" port hole for cabling
- Temperature range -29C to +100C

Chamber 12: Watlow controller

- 24" wide x 24" deep x 24" high
- (1) 4" port hole for cabling
- Temperature range -70C to +200C
- (1) 2" port hole for cabling

Thermal Shock Chamber

- 13" wide x 15" deep x 20" high
- Temperature range -40C to +95C

Altitude Chamber: Operating and Non-operating tests

- 0-50,000 feet altitude
- 2" port hole for cabling
- 3' wide x 3' deep x 3' high