



UNITROL 25-TON REMOTE CHILLERS

Model #8500R, 8500RL, 8501R, 8501RL, 8506R, 8506RL

AUTOMOTIVE GRADE chillers designed to operate 24/7 under the most demanding industrial conditions.

MODULE DESIGN: Consists of two 10-ton and one 5-ton remote outside condensers and one inside module with water pump, evaporators, and controls.

- **NOMINAL CAPACITY:** 300,000 BTU/Hr (88 KW, 25 tons) @90°F ambient
- **CONTROL:** Digital temperature controller, staged for maximum efficiency, digital temperature readout
OPTION: Dew Point protection system to prevent temperature setting below dew point of room
- **PUMP** 5HP centrifugal stainless steel with a maximum output of 180gpm @35psi
OPTION (L): Low flow water pump 2 gpm with a maximum output of 50gpm @35psi
- **BYPASS:** Internal pressure set allows low external water usage without freezing evaporator
- **EVAPORATOR:** Stainless steel brazed plate, external to water tank
- **CONDENSERS:** Air-cooled dual fan horizontal intake and exhaust in weather-proof galvanized steel outside enclosures.
- **FILTERS:** Water return flushable strainer
- **WATER TANK:** 60-gallon seamless non-metallic. 40-gallon tank is used for L low-flow option chillers
- **WATER MAKEUP:** Automatic water float valve
- **SAFETY SYSTEM:** Low Water Flow interlock switch
 Low and High Freon Safety systems and indicating lights
 Overload protection for compressors and water pump
- **ANTI-FLOW BACK WATER SYSTEM:** Solenoid valve and check valve prevents flooding when chiller is turned off.
- **SERVICE HOT ABILITY:** Can be inspected and serviced while running with all panels removed
- **POWER SERVICE:** MODEL 8500R = 460/3. Inside = 8A, Outside modules: 2 = 20A each, 1=14A
 MODEL 8500RL= 460/3. Inside = 3A, Outside modules:2 = 20A each, 1=14A
 MODEL 8501R = 230/3. Inside = 16A,Outside modules:2 =40A each, 1=29A
 MODEL 8501RL= 230/3. Inside = 6A, Outside modules:2 =40A each, 1=29A
 MODEL 8506R = 575/3. Inside = 7A, Outside modules: 2 =16A each, 1=29A
 MODEL 8506RL= 575/3. Inside = 2A, Outside modules: 2 = 6A each, 1=11A
- **SIZE:** Inside module = 50" X 52" X 44" (LXWXH). Three outside modules = 50" X 48" X 45" (LXWXH)
- **WEIGHT:** Inside module = 350lb. Two outside modules = 1,250lb. each, one = 975lb

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