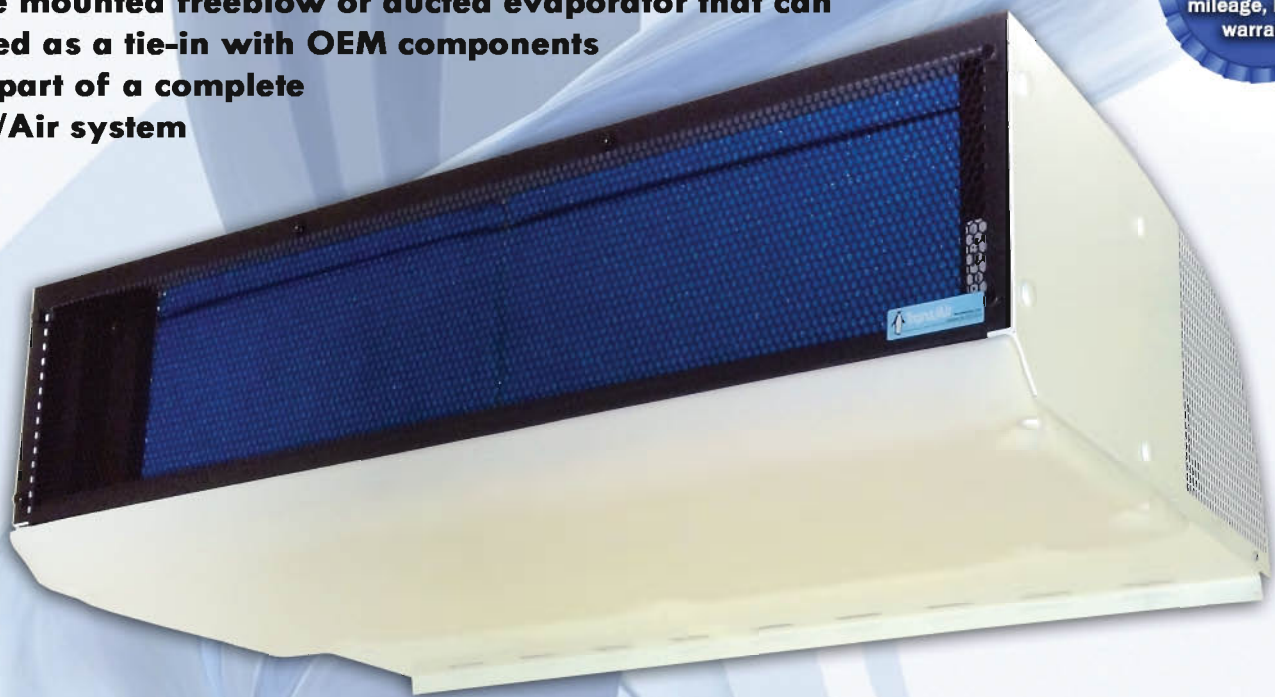


# TA93 Evaporator

**A side mounted freeblow or ducted evaporator that can be used as a tie-in with OEM components or as part of a complete Trans/Air system**

Industry exclusive 2 year, unlimited mileage, limited warranty



Unique low profile with padded head cover to match interior of vehicle provides maximum head clearance (available in white, gray, and spring white)



Heavy Duty galvanized steel enclosure for reduced air leakage and maximum durability



4 Ton externally equalized, thermostatic expansion valve that precisely controls refrigerant and prevents liquid slugging to the compressor or starved evaporator



Comes standard with washable filter



Enhanced tube & fin design provides highest capacity



Blower assemblies come equipped with larger blower wheels for maximum air flow and motors utilize custom wound armatures for lower current draw and greater efficiency

*School & Commercial Bus Climate Control* Design | Manufacture | Install | Service

Trans/Air Manufacturing Corporation is an ISO 9001 registered firm committed to providing world class climate control products and services to the bus and commercial vehicle markets.



FM 39947

# TA93 Evaporator

## General

- Freeblow air distribution
- Weight lb (kg): 43 (20)
- Box Size in (mm): 34 x 24 x 14 (864 x 610 x 356)
- Cube ft<sup>3</sup> (m<sup>3</sup>): 6.6 (.19)

## Cooling Capacity

- BTU/hr: 25,031 (SAE) to 45,000 (IMACA) \*

## Heating Capacity

- BTU/hr: 28,489 (Actual capacity varies based on engine operating temperature and hot water flow rate)

## Cover

- Vinyl covered aluminum w/upholstered head pad
- Washable / reusable filter
- (2) 5/8 in ID drain hoses

## Blower Assemblies

- (4) 4.5 in diameter blower wheels
- Amperage draw: 9.2 Amps @ 13.5 Vdc (4.6 Amps @ 27 Vdc)
- Total air flow 740 ft<sup>3</sup>/min (1257 m<sup>3</sup>/hr) @ 0 static
- Double shafted, single speed, permanent magnet motors

## Evaporator Coil

- (1) Coil
- Face area in<sup>2</sup> (cm<sup>2</sup>): 204 (1316)
- 3/8 in enhanced copper tubing
- Fins: 0.006 in raised lance, 10 FPI
- (3) Row

## Electrical

- Color coded in fire retardant loom
- Low and high pressure switches

## Expansion Valve

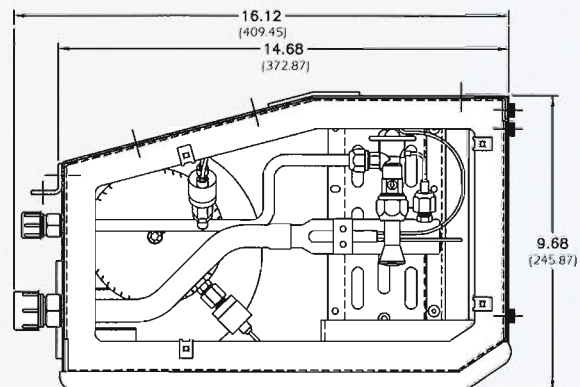
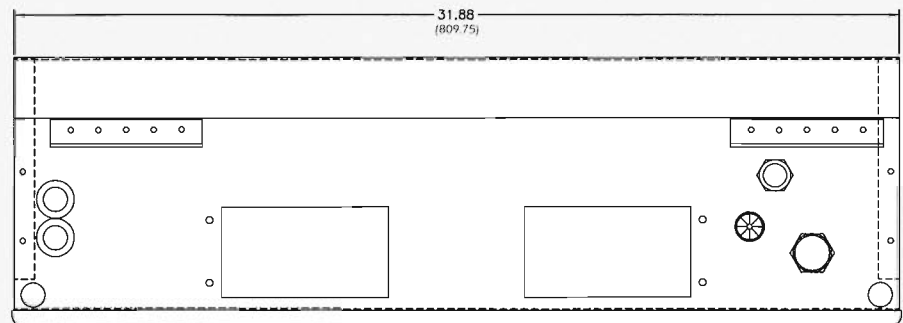
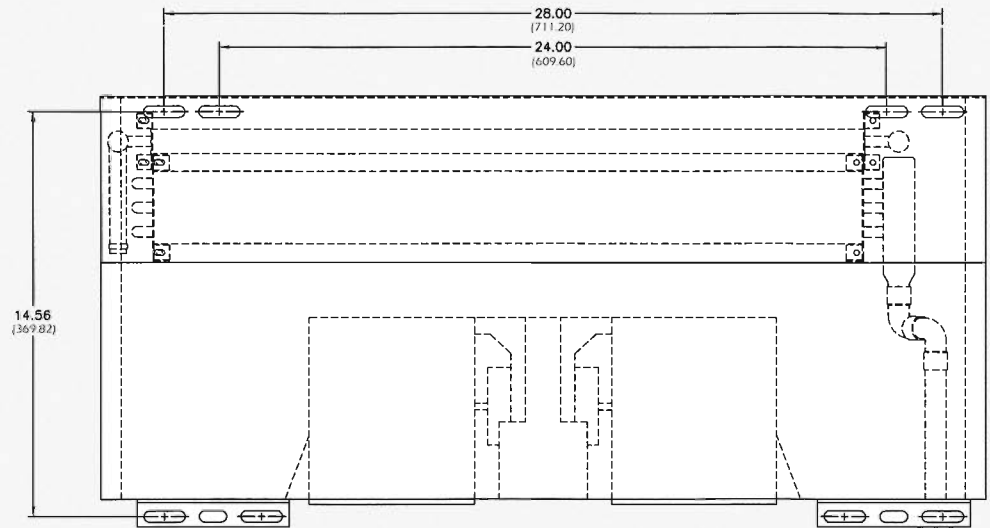
- (1) 4 Ton externally equalized thermostatic type

## Available Options

- Heat coil used with positive isolator valve. Isolator valve and heater hose not included.
- Coil corrosion protection

## Warranty

- 2 year unlimited mileage limited warranty within the continental U.S. and Canada. Terms of Trans/Air's domestic and export warranty policies are available upon request.



\* Actual BTU/hr is dependant on system combination and rating conditions used

- Specifications subject to change without notice
- All measurements in standard (metric)
- Contact Trans/Air for more information