Trane Voyager commercial units manufactured after 1991 and prior to June 2003 require a CTI –Conventional Thermostat Interface – in order to work with a 24VAC thermostat.

CTI board Required	NO CTI board Required
TCD – Voyager high efficiency, cooling only RTU WCD – Voyager pkg heat pump YCD – Voyager high efficiency, gas/elec RTU YCH – Voyager high efficiency, gas/elec RTU YFD – Voyager gas/elec RTU	TFD – 25 Ton Voyager, with ReliaTel control THC – cooling only, high efficiency TSC – Precedent gas/elec TTA – split system TWA – heat pump TWE – split system WCC – older style WSC – Precedent pkg heat pump YCC – 5 Ton or less, no circuitry YHC – Precedent gas/elec YSC – Precedent gas/elec

Trane Voyager units manufactured after May 2003:

• **10 – 25 Ton** Voyager products now include ReliaTel microprocessor controls on all units. This can be determined by checking the serial # of the Trane Voyager unit. The serial # consists of 10 digits – the first 9 are numeric, the last one is alpha. The first 3 digits are the year (2003 = #3) followed by the week #. Anything after the 22nd week of the year has ReliaTel controls. Any Voyager model serial # beginning with or greater than 323 will have a ReliaTel microprocessor control, and no CTI board would be required to use the 24VAC thermostat.

• **27.5 Tons and UP** Voyager units do not have ReliaTel microprocessor controls. According to information provided to Lightstat by Trane, they will stay this way until at least the end of 2004 when they will also change over to ReliaTel controls.

Typical Model Nomenclature

Voyager Packaged Unit

Digits 1, 2 – Product Type

TC = Packaged cooling, electric

TF = Elec C/H, Factory options (ReliaTel)

WC = Packaged heat pump

YC = Packaged gas/electric

YF = Gas/elec, Factory installed options

Digit 3 – Airflow Configuration

D = Downflow

H = Horizontal

Precedent Series

Digit 1 – Unit Function

T = DX Cooling

W = Heat pump

Y = DX Cooling, Gas Heat

Digit 2 – Efficiency

S = Standard Efficiency

H = High Efficiency

Digit 3 – Airflow

C = Convertible

Digit 9

E = Electromechanical control

R = ReliaTel control

Summary:
Trane Voyager models with a serial number prior to 323 require a CTI board to work with a 24VAC thermostat. Voyager models with a serial number 323 or after come equipped with the ReliaTel microprocessor control and do not require a CTI board for 24VAC thermostats.

Trane Precedent series units have the ReliaTel microprocessor control built in and can be connected for 24VAC thermostat.