

# **Trane Microprocessor**

## **Black Classic Panel**

Control of Model CVHE Centravacs  
TOL-91 Temperature Control Module Tester  
TOL-90 Solid State Overload Tester  
Solid State Overload Sequence of Operation  
Capacity Control Module Instructions for MOD-182  
Legend of Black Classic and Starter Components  
Sequence of Operation and Wiring Diagrams  
Black Classic Panel Wiring CVHE-W-1  
Vane Motor Service Data

## **Black Classic Service Bulletins**

CTV-SB-22B	Solid State Overload Protection
CTV-SB-65	Overload Nuisance Trips on SSOL
CTV-SB-74	Automatic Reset Kit on Distribution Fault
CTV-SB-75B	Solid State Overload Upgrade Version 1, 2, 3 and 4
CTV-SB-76	Nuisance Trips on Distribution Fault
CTV-SB-77	Solid State Overload A1 – Calibration and Troubleshooting
CVHE-SB-12A	Surge Suppressor on Power Supply
CVHE-SB-15	Starter Fault Breaker K10 Relay Race CVHE Design A - J
CVHE-SB-24	Vane Actuators

## **UCP 695 (UCP 1)**

Model CVHE Centravac with Microprocessor Board Controls UCP 695	
Bubble Flow Chart, Sequence of Operation for UCP 695	
Board Test Points	
Sensor Charts	
Centravac Integrated Comfort System SCP 699	
Operation and Maintenance SCP 699	CVMA-OG-1B
Program Selection Sheet SCP 699	
Conversion Package UCP 695	CVRA-IN-2A
CVHB/CVHE/CVHF with UCP 695	CTV-Supl-1A
Operation and Maintenance for CVHE with UCP 695	CVHE-M-6

## **UCP 695 Service Bulletins**

CVHE-SB-16  
CVHE-SB-22A

UCP 695/SCP 699 Sensor Identification and Location  
Control, Operation, Setup, Troubleshooting UCP 695

## **Trane Microprocessor**

### **UCP 2**

UCP 2  
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CVHE-CLD-1A  
CVRB-Supl-1  
CVRB-IN-2A  
CVHE-IN-9C  
CVHE-IN-10C  
CVHE-IN-11C  
CVHE-OM-8C  
CVHE-W-8A

A First Look  
The Operators Perspective  
Presentation and Explanation  
Clear Language Display for UCP 2  
Supplement Clear Language Display for UCP 2  
Control Panel Conversion Package to UCP 2  
General Installation of CVHE/CVHF with UCP 2  
Piping Installation of CVHE/CVHF with UCP 2  
Electrical Installation of CVHE/CVHF with UCP 2  
Operation and Maintenance CVHE/CVHF with UCP 2  
Wiring for CVHE/CVHF with UCP 2

### **UCP 2 Service Bulletin**

CVHE-SB-32  
CVHE-SB-32A

Troubleshooting and Checkout Procedure for UCP 2  
Troubleshooting and Checkout Procedure for UCP 2 (revised)

### **CH530**

CVHE-SVU01B-EN  
CVHE-SVN03B-EM  
RLC-SVU01A-E4  
CTV-CH530  
CH530

Operation and Maintenance  
Installation / Electrical Information  
CH530 Chiller Controls System  
Tech View Startup Configuration and Setpoints  
CH530 Diagnostics for CenTraVac Chillers