



# Confidential Service Bulletin

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## Tracer™ CH530 Memory loss and MP invalid Configuration

Order Number: **CTV-SVC31C-EN**

DATE: April 2007

To: District Managers  
District Service Managers  
Parts Center Managers

From: CTV Technical Support - La Crosse, WI

### Units Affected

CHILLERS shipped with CH530 CTV 8.0, (CTVD 3.0) Dynaview main processor software on MOD01490 DynaViews from approx. August 2005 through Sept. 2006 and units shipped from 9-5-06 through 10-22-06 with CTV 6.0 and from 10-26-06 through 12-5-06 with CTV 9.0.

### Background

DynaView hardware X1365-0827-06 which is MOD1490 contains a new EEPROM chip capable of storing a historical data stream for diagnostic purposes. To support this, DynaView main processor software version CTV 8.0 simplex software release (version CTVD 3.0 duplex, & version 3.0 CVR CH531) was issued in Aug. '05.

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Two problems have been found since this release (CTV 8.0, CTV 3.0 CVR 3.0) of software when installed on this new version DynaView.

Problem 1) MEMORY LOSS:

Problem 2) MP: Invalid CONFIGURATION:

Details are available in GENERAL SERVICE BULLETIN CTV-SVB31A-EN

## Action

This Confidential service bulletin applies to Chiller units shipped with CTV 8.0 and CTVD 3.0 factory installed, and the following conditions:

- Units started and running and do not have an AFDE.
- Units started with AFDEs that shipped after May 30, 2006.

This Confidential service bulletin authorizes the installation of SIMPLEX CTV 10.0 main processor or DUPLEX CTVD 5.0 Main processor application onto chillers that have shipped with CTV 8.0 or CTVD 3.0 software on DynaViews which are version X1365-0827-06 DynaView (MOD01490). These units shipped between August 8th, 2005 and December 5th, 2006.

**This confidential bulletin does not authorize additional hours for the following chillers:**

- Units not started: Upgrade MP software at Commissioning as normally done at startup. (Ref CTV-SVA11A-EN) Not authorized
- Units started with an AFDE Rockwell Drive that shipped before May 31, 2006: Upgrade MP software at time of the AFDE SERVICE PAK UPGRADE (CTV-SVC30A-EN Estimated to be released Jan 2007) or when there doing Mandatory Bearing Retrofit per CTV-SVC27B-EN or CTV-24A-EN.
- Chillers with the older DynaViews shipped prior to June on 2005.

The procedure to download the new software goes as follows:

- Techview and Kestrel View - **verify all configurations and set points are correct prior to saving data.**
- Techview – write down or capture all the Setpoints and the starts/hours counters prior to loading the new software. NOTE; CTV MP 9.0 and 10.0, and CTVD 5.0 will set the starts and hours to zero.
  - KESTREL VIEW (TV9.06 or later):
    1. Use the SAVE the configuration file feature to save the configuration settings.
    2. Save a level 4 chiller service report using KESTREL VIEW if available. This version of the KESTREL VIEW service tool feature allows the Setpoint and the compressor run hours and starts to be loaded from the saved chiller service report.

- Techview / KESTREL VIEW: Download the new software CTV 10.0 for simplex [or CTVD 5.0 for Duplex] and input the Setpoints using the Techview screen.

*Note: Starts and hours may be reset to zero during this software download.*

- TechView: Set all configuration and Setpoints from written down information. Also Using TV9.06 or later will allow the starts and hours to be written from Setpoint view; therefore after setting the configuration, and Setpoints you can now also set the compressor starts and hours within the LEVEL 3 Setpoints view.
  - KESTREL VIEW (TV9.06 or later):
    - 1) Configuration view: Use the OPEN configuration file feature. OPEN the previously saved configuration file, press the load config button if illuminated, as this would indicate changes exist.
    - 2) Setpoint View: Load the Setpoint PLUS the compressor run hours and starts. LOAD the file after opened.

After loading setpoints with KESTREL VIEW check the following:

- 3) Sometimes the load setpoints operation does not load the "setpoint source" properly. For example if the chiller set point source was set to "BAS/EXT/FP" we have experienced this being "LOADED" to "EXT/FP" therefore after loading setpoints please verify this setpoint is set as desired for the application.
- 4) The DynaView pressure units may become set to absolute after this upgrade. Therefore verify this is set to gauge or absolute as desired for the application.

*Note: 1) While the compressor is STOPPED, enter COMPRESSOR starts and hours from the Set point view/Compressor Tab. TechView writes these set point values into a temporary (Volatile) memory location.  
2) Turn chiller power OFF to cycle DynaView power off. This step is required to write the starts and hours to the non-volatile stored memory. Purge counts and timers are reset with the new download and are not set points. (Future software download great than CTV 10, CTVD 5, and CVR 4 should not affect these set points.)*

## Authorization

### Labor:

This confidential bulletin authorizes up to 2 hours labor and up to three hours travel to upgrade the chillers on the following list. Multiple chillers on one facility/campus are to be done within one trip charge.

### Material:

No materials authorized.



## List of affected sales orders/ Serial Numbers:

August 2005 through Nov. 2006 (until CTV 10.0 and CTVD 4.0 began shipping)

### Expiration Date

August 31st 2007.

Sales Office	Sales Order	Unit Serial	Job Name	City	St.	Software
Akron - Canton	N8V178A	L06E02376	UNIVERSITY OF AKRON CHILLER PLANT	AKRON	OH	CTVD 5.0
Albany	C1J302A	L06C01107	KAPL P7 ANNEX CHILLER INSTALLATION	SCHENECTADY	NY	CTV 10.0
Albuquerque	V1F926A	L05G03405	VA HOSPITAL CENTRAL PLANT RENOVATION - FINAL	ALBUQUERQUE	NM	CTV 10.0
Albuquerque	V1F929A	L05H03692	VA HOSPITAL CENTRAL PLANT RENOVATION - FINAL	ALBUQUERQUE	NM	CTV 10.0
Albuquerque	V1F961A	L05H03648	WEST MESA MEDICAL CENTER	ALBUQUERQUE	NM	CTV 10.0
Appleton	T6G024A	L05J04066	SUREFIRE-FOND DU LAC COUNTY JAIL	FOND DU LAC	WI	CTV 10.0
Appleton	T6G748A	L06F02615	ST. MARY'S HOSPITAL	GREEN BAY	WI	CTV 10.0
Atlanta	G1S142A	L05G03504	SHEPHERD SPINAL CENTER	FOREST PARK	GA	CTV 10.0
Atlanta	G1S142B	L05G03513	SHEPHERD SPINAL CENTER	FOREST PARK	GA	CTV 10.0
Atlanta	G1S497A	L05G03393	SPALDING REGIONAL MED CTR CHILLER REPLACEMENT	GRIFFIN	GA	CTV 10.0
Atlanta	G1S497B	L05G03398	SPALDING REGIONAL MED CTR CHILLER REPLACEMENT	GRIFFIN	GA	CTV 10.0
Atlanta	G1S900A	L05J04322	MOHAWK BENNETTSVILLE 300 TON CHILLER	BENNETTSVILLE	SC	CTV 10.0
Atlanta	G1T032A	L05J03950	HONDA DTX SOUTH PROJECT - CHILLERS	TALLAPOOSA	GA	CTV 10.0
Atlanta	G1T032B	L05J03951	HONDA DTX SOUTH PROJECT - CHILLERS	TALLAPOOSA	GA	CTV 10.0
Atlanta	G1T032C	L05J03956	HONDA DTX SOUTH PROJECT - CHILLERS	TALLAPOOSA	GA	CTV 10.0
Atlanta	G1T563A	L05L04759	EQUITY OFFICE	ATLANTA	GA	CTV 10.0
Atlanta	G1T965A	L05L05133	EAST ALABAMA MEDICAL CENTER	OPELIKA	AL	CTV 10.0
Atlanta	G1T965B	L05L05136	EAST ALABAMA MEDICAL CENTER	OPELIKA	AL	CTV 10.0
Atlanta	G1T970A	L05L05196	DEKALB MED CTR - PATIENT TWR, HOSP RENOV & PK DECK	FOREST PARK	GA	CTV 10.0
Atlanta	G1U006A	L05M05596	NORTH FULTON MEDICAL HOSP - EXPAN & RENOV (MCK'S)	ATLANTA	GA	CTV 10.0
Atlanta	G1U036A	L05L05183	DECATUR BUILDING 1 CHILLER REPLACEMENT	FOREST PARK	GA	CTV 10.0
Atlanta	G1U185B	L05L05243	DMC - DECATUR	ATLANTA	GA	CTV 10.0
Atlanta	G1U457A	L06D01748	CDC WEST - CENTRAL UTILITY PLANT CHILLER #5	ATLANTA	GA	CTVD 5.0
Atlanta	G1U457A	L06D01748	CDC WEST - CENTRAL UTILITY PLANT CHILLER #5	ATLANTA	GA	CTVD 5.0
Atlanta	G1U504A	L06A00325	880 WEST PEACHTREE CHILLER REPLACEMENT	ALPHARETTA	GA	CTV 10.0
Atlanta	G1U716A	L06A00327	UPTOWN ARTS CAMPUS THEATRE & STUDIO ARTS	COLUMBUS	GA	CTV 10.0
Atlanta	G1U998A	L05K04500	COATS AND CLARK CHILLER REPLACEMENT	DOUGLAS	GA	CTV 10.0
Atlanta	G1V297A	L06D01730	1100 JOHNSON FERRY ROAD	ALPHARETTA	GA	CTV 10.0
Atlanta	G1V297B	L06D01733	1100 JOHNSON FERRY ROAD	ALPHARETTA	GA	CTV 10.0
Atlanta	G1W672A	L06H03741	MACH MAIN CHILLER PLANT RENOVATION	FORT BENNING	GA	CTV 10.0
Atlanta	G1W672C	L06H03749	MACH MAIN CHILLER PLANT RENOVATION	FORT BENNING	GA	CTV 10.0
Atlanta	G1X202A	L06D02195	COX TARGET MEDIA NEW FACILITY BID 8-10-05	SAINT PETERSBURG	FL	CTV 10.0
Atlanta	G1X202B	L06D02196	COX TARGET MEDIA NEW FACILITY BID 8-10-05	SAINT PETERSBURG	FL	CTV 10.0
Atlanta	G1X202C	L06D02200	COX TARGET MEDIA NEW FACILITY BID 8-10-05	SAINT PETERSBURG	FL	CTV 10.0
Atlanta	G1X727A	L06J04262	SHAW ANDALUSIA-1300 CTV	DOTHAN	AL	CTV 10.0
Atlanta	G1X776A	L06G03452	WESTIN PEACHTREE PLAZA CHILLER REPLACEMENT	AUSTELL	GA	CTV 10.0



Sales Office	Sales Order	Unit Serial	Job Name	City	St.	Software
Atlanta	G1X941A	L06D01688	IAM-SHAW PLANT 6	DALTON	GA	CTV 10.0
Austin	L9D932A	L06E02447	AUSTIN ISD LANIER HIGH SCHOOL HVAC RENOV	AUSTIN	TX	CTV 10.0
Austin	L9D955A	L06E02462	AUSTIN ISD MCCALLUM HIGH SCHOOL PH-II	AUSTIN	TX	CTV 10.0
Austin	L9D955B	L06E02463	AUSTIN ISD MCCALLUM HIGH SCHOOL PH-II	AUSTIN	TX	CTV 10.0
Baltimore	E1J227A	L05G03284	CANTON CROSSING CENTRAL HEATING AND COOLING PLANT	BALTIMORE	MD	CTVD 5.0
Baltimore	E1J227A	L05G03284	CANTON CROSSING CENTRAL HEATING AND COOLING PLANT	BALTIMORE	MD	CTVD 5.0
Baltimore	E1J242A	L05L05134	FRANKLIN SQUARE REPLACEMENT	BALTIMORE	MD	CTV 10.0
Baltimore	E1J831A	L05K04604	SGAH - CTV2	ROCKVILLE	MD	CTV 10.0
Baltimore	E1J916A	L05M05578	HARFORD MEMORIAL HOSPITAL	BALTIMORE	MD	CTV 10.0
Baltimore	E1J916B	L05M05580	HARFORD MEMORIAL HOSPITAL	BALTIMORE	MD	CTV 10.0
Baltimore	E1J989A	L05L04860	PRINCETON TECH CENTER	DAYTON	NJ	CTV 10.0
Baltimore	E1J989B	L05L04807	PRINCETON TECH CENTER	DAYTON	NJ	CTV 10.0
Baltimore	E1K529A	L06C01041	UMB ALLIED HEALTH CHILLER REPLACEMENT	BALTIMORE	MD	CTV 10.0
Baltimore	E1K529B	L06C01043	UMB ALLIED HEALTH CHILLER REPLACEMENT	BALTIMORE	MD	CTV 10.0
Baltimore	E1M212A	L06G03273	JHU APL DUP CHILLER ADDITION	SPARROWS POINT	MD	CTV 10.0
Baltimore	E1M212B	L06G03274	JHU APL DUP CHILLER ADDITION	SPARROWS POINT	MD	CTV 10.0
Baton Rouge	K6U801A	L05L04878	LSU ELEMENTARY LAB SCHOOL RENOV.	BATON ROUGE	LA	CTV 10.0
Baton Rouge	K6W024B	L06B00599	ADVOCATE PRODUCTION FACILITY	BATON ROUGE	LA	CTV 10.0
Baton Rouge	K6W208B	L06D02136	CAMERON COOPER	VILLE PLATTE	LA	CTV 10.0
Birmingham	J4D556A	L05J04312	ST. VINCENT'S SOUTH TOWER ADDITION	BIRMINGHAM	AL	CTV 10.0
Birmingham	J4D556B	L05J04314	ST. VINCENT'S SOUTH TOWER ADDITION	BIRMINGHAM	AL	CTV 10.0
Birmingham	J4D651A	L05L04868	METROPLEX CHILLER	BIRMINGHAM	AL	CTV 10.0
Birmingham	J4D651B	L05L04870	METROPLEX CHILLER	BIRMINGHAM	AL	CTV 10.0
Birmingham	J4D938A	L06C01431	SOUTHPARK MALL	COLONIAL HEIGHTS	VA	CTV 10.0
Birmingham	J4D975A	L06D01724	DCH CHILLER REPLACEMENT	TUSCALOOSA	AL	CTV 10.0
Boston	A1G049A	L05G03518	CAPE COD HOSPITAL-PATIENT BED ADDITION	HYANNIS	MA	CTV 10.0
Boston	A1H758A	L05L05069	DRAPER NEW CHILLER PLANT	BOSTON	MA	CTV 10.0
Boston	A1H758B	L05L05090	DRAPER NEW CHILLER PLANT	BOSTON	MA	CTV 10.0
Boston	A1H758C	L05L05092	DRAPER NEW CHILLER PLANT	BOSTON	MA	CTV 10.0
Boston	A1J098A	L05L05185	UNITED STATES PS SHREWSBURY FHM 10-26-05 J	METHUEN	MA	CTV 10.0
Boston	A1J098B	L05L05187	UNITED STATES PS SHREWSBURY FHM 10-26-05 J	METHUEN	MA	CTV 10.0
Boston	A1J098C	L05L05188	UNITED STATES PS SHREWSBURY FHM 10-26-05 J	METHUEN	MA	CTV 10.0
Boston	A1L017B	L06E02336	LIBERTY MUTUAL 175 BERKELEY CHILLER REPLACEMENT	BOSTON	MA	CTV 10.0
Buffalo	C3S474A	L06G03566	C360410 - UB BIOMEDICAL RESEARCH BUILDING	BUFFALO	NY	CTV 10.0
Charleston, SC	F8H080A	L05J04100	MUSC - ADD CHILLER TO CEP (ADD)	CHARLESTON	SC	CTV 10.0
Charleston, WV	E7V535A	L06B00788	CAMDEN CLARK HOSPITAL - PHASE II EXPANSION	PARKERSBURG	WV	CTV 10.0
Charleston, WV	E7V535B	L06B00790	CAMDEN CLARK HOSPITAL - PHASE II EXPANSION	PARKERSBURG	WV	CTV 10.0
Charlotte	F1C503A	L05F03036	ECU HEALTH SCIENCES CAMPUS CUP EXPANSION	GREENVILLE	NC	CTV 10.0
Charlotte	F1C548A	L05G03509	ECU HEALTH SCIENCES CAMPUS CUP EXPANSION	GREENVILLE	NC	CTV 10.0
Charlotte	F1H143A	L05M05577	CMC MERCY CHILLER #2 2005	CHARLOTTE	NC	CTV 10.0
Charlotte	F1H149A	L06B00591	WINTH. CHILLER	CATAWBA	SC	CTV 10.0
Charlotte	F1H166A	L06C01405	PRAIRIE PACKAGING CHILLERS	HUNTERSVILLE	NC	CTV 10.0
Charlotte	F1H166B	L06C01407	PRAIRIE PACKAGING CHILLERS	HUNTERSVILLE	NC	CTV 10.0
Charlotte	F1H166C	L06C01409	PRAIRIE PACKAGING CHILLERS	HUNTERSVILLE	NC	CTV 10.0



Sales Office	Sales Order	Unit Serial	Job Name	City	St.	Software
Charlotte	F1N451A	L05H03744	VOUGHT AIRCRAFT AND GLOBAL AERONAUTICA ORDER	NORTH CHARLESTON	SC	CTV 10.0
Charlotte	F1N451B	L05H03745	VOUGHT AIRCRAFT AND GLOBAL AERONAUTICA ORDER	NORTH CHARLESTON	SC	CTV 10.0
Charlotte	F1N451C	L05H03746	VOUGHT AIRCRAFT AND GLOBAL AERONAUTICA ORDER	NORTH CHARLESTON	SC	CTV 10.0
Charlotte	F1N459A	L05L04871	VOUGHT AIRCRAFT AND GLOBAL AERONAUTICA ORDER	NORTH CHARLESTON	SC	CTV 10.0
Charlotte	F1N459B	L05L04869	VOUGHT AIRCRAFT AND GLOBAL AERONAUTICA ORDER	NORTH CHARLESTON	SC	CTV 10.0
Charlotte	F1N459C	L05L04867	VOUGHT AIRCRAFT AND GLOBAL AERONAUTICA ORDER	NORTH CHARLESTON	SC	CTV 10.0
Charlotte	F1N848A	L06B00512	GULISTAN CARPETS	TURNERSBURG	NC	CTV 10.0
Charlotte	F1Z688A	L05L04767	CMC UNIVERSITY MATERNITY & E.D. EXPANSION	CHARLOTTE	NC	CTV 10.0
Chattanooga	J2X346A	L06B00602	ERLANGER MEDICAL CENTER 1500 TON CHILLER	CHATTANOOGA	TN	CTV 10.0
Chattanooga	J2Y260A	L06J04329	JMS -- MOHAWK HEATSET -- CLOSED LOOP CHILLER	CHATSWORTH	GA	CTV 10.0
Chicago	R1A011A	L06E02433	IIT- CRB RENOVATION	BRIDGEVIEW	IL	CTV 10.0
Chicago	R1A011B	L06E02439	IIT- CRB RENOVATION	BRIDGEVIEW	IL	CTV 10.0
Chicago	R1A308A	L06F02647	WHITEMAN AFB, MO	KANSAS CITY	MO	CTV 10.0
Chicago	R1S668A	L05G03514	SCHAUMBURG CONVENTION CENTER ORDER 121704	SCHAUMBURG	IL	CTV 10.0
Chicago	R1S668B	L05G03515	SCHAUMBURG CONVENTION CENTER ORDER 121704	SCHAUMBURG	IL	CTV 10.0
Chicago	R1S935A	L06A00158	RIGATTA-031004	CHICAGO	IL	CTV 10.0
Chicago	R1S935B	L06A00166	RIGATTA-031004	CHICAGO	IL	CTV 10.0
Chicago	R1T968A	L05H03659	PRENTICE WOMEN'S HOSPITAL	CHICAGO	IL	CTV 10.0
Chicago	R1T968B	L05H03735	PRENTICE WOMEN'S HOSPITAL	CHICAGO	IL	CTV 10.0
Chicago	R1T968D	L05H03742	PRENTICE WOMEN'S HOSPITAL	CHICAGO	IL	CTV 10.0
Chicago	R1V701A	L05L04756	RUSH COPLEY PHASE II	AURORA	IL	CTV 10.0
Chicago	R1V838A	L05J03934	GREAT LAKES NAVAL BASE BATTLE STATION	GREAT LAKES	IL	CTV 10.0
Chicago	R1V838B	L05J03935	GREAT LAKES NAVAL BASE BATTLE STATION	GREAT LAKES	IL	CTV 10.0
Chicago	R1X025A	L05K04606	HOSPIRA CHILLER - RFP D9I05-0023 [ORDER}	CLAYTON	NC	CTV 10.0
Chicago	R1X090A	L06C01460	KISHWAUKEE HOSPITAL	DEKALB	IL	CTV 10.0
Chicago	R1X090B	L06C01461	KISHWAUKEE HOSPITAL	DEKALB	IL	CTV 10.0
Chicago	R1Y667A	L06B00848	COMMUNITY HOSPITAL	MUNSTER	IN	CTV 10.0
Chicago	R1Y667B	L06B00849	COMMUNITY HOSPITAL	MUNSTER	IN	CTV 10.0
Chicago	R1Y703A	L06B00576	AEG-VERTIS	RIVERSIDE	CA	CTV 10.0
Cincinnati	N2T559A	L06B00508	SPRINGBORO HS - PERFORMANCE OPPORTUNITY	SPRINGBORO	OH	CTV 10.0
Cincinnati	N2T559B	L06B00510	SPRINGBORO HS - PERFORMANCE OPPORTUNITY	SPRINGBORO	OH	CTV 10.0
Cincinnati	N2T617A	L05L05248	MERCY ANDERSON CHILLER REPLACEMENT	CINCINNATI	OH	CTV 10.0
Cincinnati	N2T638A	L06B00588	237 WILLIAM HOWARD TAFT CHILLER REPLACEMENT	CINCINNATI	OH	CTV 10.0
Cincinnati	N2T657A	L06B00581	P&G HDL CHILLER PLANT	CINCINNATI	OH	CTV 10.0
Cincinnati	N2U449A	L06E02344	BLOOMIES CHESTNUT HILLS BOSTON CTV ORDER	BOSTON COLLEGE	MA	CTV 10.0
Cleveland	N3D436A	L06D02190	M.W. MIELKE - BERRY PLASTICS	MONROEVILLE	OH	CTV 10.0
Colorado Springs	V6M439A	L05K04501	SCHRIEVER AFB PH III: BLDG 600 REPLACE CHILLER 101	SCHRIEVER AFB	CO	CTV 10.0
Colorado Springs	V6M511A	L05L05214	PETERSON AFB BUILDING 1 CHILLER REPLACEMENTS	COLORADO SPRINGS	CO	CTV 10.0
Colorado Springs	V6M511B	L05L05215	PETERSON AFB BUILDING 1 CHILLER REPLACEMENTS	COLORADO SPRINGS	CO	CTV 10.0
Columbia	F2K633A	L05M05540	KENDALL HEALTHCARE - TYCO	CAMDEN	SC	CTV 10.0
Columbia	F2L293A	L06F02707	GEORGETOWN HOSPITAL CHILLER ADDITION	GEORGETOWN	SC	CTV 10.0



Sales Office	Sales Order	Unit Serial	Job Name	City	St.	Software
Columbus	N4Q136A	L05H03763	BATTELLE WEST JEFFERSON CHILLER PLANT - CH-3	COLUMBUS	OH	CTV 10.0
Columbus	N4Q669A	L05L04784	RALSTON FOODS - 2005 CHILLER	LANCASTER	OH	CTV 10.0
Columbus	N4Q856A	L06A00358	ASHLAND DA CHILLER REPLACEMENT	DUBLIN	OH	CTV 10.0
Columbus	N4Q856B	L06A00355	ASHLAND DA CHILLER REPLACEMENT	DUBLIN	OH	CTV 10.0
Columbus	N4Q867A	L05L05217	SELECT MEDICAL	COLUMBUS	OH	CTV 10.0
Columbus	N4Q974A	L06B00516	BAYER MATERIAL SCIENCE CHILLER	HEBRON	OH	CTV 10.0
Columbus	N4S040A	L06B00798	LEVEQUE TOWER	COLUMBUS	OH	CTV 10.0
Columbus	N4S354A	L06E02355	JPMORGANCHASE BROOKSEDGE CH #2 REPLACE	COLUMBUS	OH	CTV 10.0
Columbus	N4S415A	L06E02457	ABERCROMBIE DISTRIBUTION CENTER 2	COLUMBUS	OH	CTV 10.0
Columbus	N4S415B	L06E02461	ABERCROMBIE DISTRIBUTION CENTER 2	COLUMBUS	OH	CTV 10.0
Dallas	L3R912A	L05G03383	COLLIN COUNTY MCKINNEY	IRVING	TX	CTV 10.0
Dallas	L3R912B	L05G03389	COLLIN COUNTY MCKINNEY	IRVING	TX	CTV 10.0
Dallas	L3S880A	L05J04304	HARRIS METHODIST HEB CH-1,3	IRVING	TX	CTV 10.0
Dallas	L3S880B	L05J04306	HARRIS METHODIST HEB CH-1,3	IRVING	TX	CTV 10.0
Dallas	L3T075A	L05L05063	TCU WORTH HILLS CUP - PHASE II	IRVING	TX	CTV 10.0
Dallas	L3T075B	L05L05064	TCU WORTH HILLS CUP - PHASE II	IRVING	TX	CTV 10.0
Dallas	L3T115A	L05L05123	909 LAKE CAROLYN CHILLER REPLACEMENT	IRVING	TX	CTV 10.0
Dallas	L3T260A	L06D01697	DALLAS TRADE MART EXPANSION 2007	IRVING	TX	CTV 10.0
Dallas	L3T260B	L06D01698	DALLAS TRADE MART EXPANSION 2007	IRVING	TX	CTV 10.0
Dallas	L3T436A	L06A00157	TI SOUTH CAMPUS CTV CHILLER ADDITION	DALLAS	TX	CTV 10.0
Dallas	L3T480A	L06D02173	TEXAS HEART HOSPITAL OF THE SOUTHWEST	GRAPEVINE	TX	CTV 10.0
Dallas	L3T503A	L06C01451	HIGHLAND SPRINGS ERICKSON RETIREMENT COMMUNITIES	GRAPEVINE	TX	CTV 10.0
Dallas	L3T503B	L06C01452	HIGHLAND SPRINGS ERICKSON RETIREMENT COMMUNITIES	GRAPEVINE	TX	CTV 10.0
Dallas	L3T714A	L06D01711	YMCA DALLAS METRO LOI	IRVING	TX	CTV 10.0
Dallas	L3T719A	L06C01457	TI DMOS 5 1600 TON CHILLER	GRAPEVINE	TX	CTV 10.0
Dallas	L3T822A	L06C01297	TI FOREST LANE CH-1	GRAPEVINE	TX	CTV 10.0
Dallas	L3T844A	L06C01435	FOBARE-100 N. CENTRAL	IRVING	TX	CTV 10.0
Dallas	L3T893A	L06C01437	FOBARE-100 N. CENTRAL	IRVING	TX	CTV 10.0
Dallas	L3T961A	L06D01720	PRESBYTERIAN PROF. BLDG 3 CHILLER RETROFIT	IRVING	TX	CTV 10.0
Dallas	L3U009A	L06D01725	PLAZA AT LAS COLINAS CHILLER REPLACEMENT	IRVING	TX	CTV 10.0
Dallas	L3U009B	L06D01732	PLAZA AT LAS COLINAS CHILLER REPLACEMENT	IRVING	TX	CTV 10.0
Dallas	L3U138A	L06E02226	TEXAS HEART HOSPITAL OF THE SOUTHWEST	GRAPEVINE	TX	CTV 10.0
Dallas	L3U138B	L06D02139	TEXAS HEART HOSPITAL OF THE SOUTHWEST	GRAPEVINE	TX	CTV 10.0
Dallas	L3U166A	L06D02193	909 LAKE CAROLYN CHILLER CHANGEOUT #2	IRVING	TX	CTV 10.0
Dallas	L3U752A	L06F03006	AT&T LAKESIDE	IRVING	TX	CTV 10.0
Dallas	L3U909A	L06F02724	RICHARDSON ISD CHILLER RICHARDSON HIGH SCHOOL	RICHARDSON	TX	CTV 10.0
Dallas	L3U950A	L06G03574	EXPERIAN CHILLER	IRVING	TX	CTV 10.0
Dallas	R1Y111A	L05L05275	AEG-TREND	CARROLLTON	TX	CTV 10.0
Davenport	R4S465A	L05L04814	RIA CHILLER PROJECT - PHASE 2 (BLDG. 114)	ROCK ISLAND	IL	CTV 10.0
Dayton	N5H463A	L05H03764	HONDA TRANSMISSION - DTX NORTH CHILLER	RUSSELLS POINT	OH	CTV 10.0
Dayton	N5J007B	L06B00580	SINCLAIR BUILDING 12 CHILLER REPLACEMENT	COVINGTON	OH	CTV 10.0
Dayton	N5J348A	L06G03600	D' MAX CHILLER OPTIONS	MORAIN	OH	CTV 10.0
Denver	V5A816A	L06D02145	900 & 990 SOUTH BROADWAY - INFRASTRUCTURE	DENVER	CO	CTV 10.0
Denver	V5A816B	L06D02146	900 & 990 SOUTH BROADWAY - INFRASTRUCTURE	DENVER	CO	CTV 10.0
Denver	V5Y768A	L05L05060	NATIONAL JEWISH CENTRAL PLANT 3RD CHILLER	DENVER	CO	CTV 10.0
Des Moines	R5J457A	L05G03348	IOWA METHODIST CHILLER 4/05	DES MOINES	IA	CTV 10.0



Sales Office	Sales Order	Unit Serial	Job Name	City	St.	Software
Des Moines	R5J642A	L05L05237	MESKWAKI CASINO ADDITION	TAMA	IA	CTV 10.0
Des Moines	R5J642B	L05L05239	MESKWAKI CASINO ADDITION	TAMA	IA	CTV 10.0
Des Moines	R5J924A	L06C01088	PRAIRIE MEADOWS EXPANSION	ALTOONA	IA	CTV 10.0
Des Moines	V5Z938A	L05M05600	BALL - AMES, IA - CHILLER ADDITION	AMES	IA	CTV 10.0
Detroit	M1A124A	L06D01754	SJMH ANN ARBOR 1500 TON CHILLERS	YPSILANTI	MI	CTV 10.0
Detroit	M1A124B	L06D01762	SJMH ANN ARBOR 1500 TON CHILLERS	YPSILANTI	MI	CTV 10.0
Detroit	M1A255A	L06D02151	UMH YEAR 3 CHILLER REPLACEMENT	SOUTHFIELD	MI	CTV 10.0
Detroit	M1A275A	L06D02171	PFIZER CHILLER #4 REPLACEMENT	ANN ARBOR	MI	CTV 10.0
Detroit	M1A738A	L06F03004	AAA MICHIGAN - CENTRIFUGAL CHILLER	DETROIT	MI	CTV 10.0
Detroit	M1Z249A	L05J04049	HYATT REGENCY DEARBORN	DEARBORN	MI	CTV 10.0
Detroit	M1Z976A	L06B00822	BASF RTP INFRASTRUCTURE CHILLER N CAROLINA	RESEARCH TRIANGLE PA	NC	CTV 10.0
Detroit	S3X543A	L05L05274	DETROIT TANK ARSENAL PLANT	WARREN	MI	CTV 10.0
El Paso	V2L064A	L05G03315	EPCC VALLE VERDE THERMAL ENERGY STORAGE	EL PASO	TX	CTV 10.0
Fargo	S1D710A	L05M05594	MINOT AFB 5TH MEDICAL FACILITY REPAIR HVAC	MINOT AFB	ND	CTV 10.0
Fort Myers	H9V202A	L05J03963	CHARLOTTE TECH CENTER - HEALTH SCIENCES	PORT CHARLOTTE	FL	CTV 10.0
Fort Myers	H9V202B	L05J04064	CHARLOTTE TECH CENTER - HEALTH SCIENCES	PORT CHARLOTTE	FL	CTV 10.0
Fort Wayne	N7G371A	L05K04626	MARZETTI PART II MAT/EQUIP REAL PROP	HORSE CAVE	KY	CTV 10.0
Fort Wayne	N7G371B	L05K04646	MARZETTI PART II MAT/EQUIP REAL PROP	HORSE CAVE	KY	CTV 10.0
Fort Wayne	N7H083A	L06E02444	PARKVIEW HOSPITAL HEART INSTITUTE CHILLER	FORT WAYNE	IN	CTV 10.0
Fort Wayne	N7H131A	L06F02691	ZIMMER EXPANSION	WARSAW	IN	CTV 10.0
Fort Wayne	N7H131B	L06F02705	ZIMMER EXPANSION	WARSAW	IN	CTV 10.0
Fort Worth	K9N216A	L05J04319	SHEPPARD AFB FY05 PIPELINE DORM	SHEPPARD AFB	TX	CTV 10.0
Fort Worth	K9N702A	L05L05125	BELL HELICOPTER BLDG 2 CHILLER	GRAPEVINE	TX	CTV 10.0
Fort Worth	K9N745A	L05M05552	MSU PH2	WICHITA FALLS	TX	CTVD 5.0
Fort Worth	K9N745A	L05M05552	MSU PH2	WICHITA FALLS	TX	CTVD 5.0
Fort Worth	K9N755A	L05L05190	CRESCENT HOTEL CHILLERS A	DALLAS	TX	CTV 10.0
Fort Worth	K9N755B	L05L05192	CRESCENT HOTEL CHILLERS A	DALLAS	TX	CTV 10.0
Fort Worth	K9N763A	L05M05599	TARLETON STATE UNIV CHILLER INSTALLATION PROJECT	STEPHENVILLE	TX	CTV 10.0
Fort Worth	K9N940A	L06D01719	ALCON LABS BUILDING G 3RD CHILLER	FORT WORTH	TX	CTV 10.0
Fort Worth	K9P052A	L06E02375	MCKINNEY MEDICAL CENTER BED TOWER	MC KINNEY	TX	CTV 10.0
Fort Worth	K9P123A	L06G03385	HALTOM HIGH SCHOOL CHILLER PLANT	FORT WORTH	TX	CTV 10.0
Fort Worth	K9P123B	L06F02699	HALTOM HIGH SCHOOL CHILLER PLANT	FORT WORTH	TX	CTV 10.0
Fresno	X3J264B	L05J04105	FRESNO CONVENTION CENTER CHILLER REPLACEMENT	FRESNO	CA	CTV 10.0
Grand Rapids	M5Y355A	L05H03753	WATERVLIET HOSPITAL - NEW CHILLER	WATERVLIET	MI	CTV 10.0
Grand Rapids	M5Y909A	L06A00183	SODEXHO - VERDUGO HILLS CHILLER	LA MIRADA	CA	CTV 10.0
Grand Rapids	M5Y912A	L06A00185	SODEXHO - VERDUGO HILLS CHILLER	LA MIRADA	CA	CTV 10.0
Grand Rapids	M5Y944A	L05L05074	PFIZER BUILDING 214 CHILLER	KALAMAZOO	MI	CTV 10.0
Grand Rapids	M5Z085A	L05M05614	ALTICOR BLDG 50 REPLACEMENT CHILLERS	WALKER	MI	CTV 10.0
Grand Rapids	M5Z087A	L06A00129	ALTICOR BLDG 50 REPLACEMENT CHILLERS	WALKER	MI	CTV 10.0
Grand Rapids	M5Z768A	L06E02361	MPI CHILLER 6 REPLACE 1000-TON	MATTAWAN	MI	CTV 10.0
Great Falls	Y7J342A	L05L04794	ST. PETERS NEW CHILLER	HELENA	MT	CTV 10.0
Greensboro	F3K014A	L05J03939	DUKE CH23 CHILLED WATER PLANT 2	MORRISVILLE	NC	CTVD 5.0
Greensboro	F3K014A	L05J03939	DUKE CH23 CHILLED WATER PLANT 2	MORRISVILLE	NC	CTVD 5.0
Greensboro	F3K202A	L05G03521	NOVO NORDISK - WAREHOUSE	CLAYTON	NC	CTV 10.0
Greensboro	F3K202B	L05G03522	NOVO NORDISK - WAREHOUSE	CLAYTON	NC	CTV 10.0
Greensboro	F3K341A	L05L04753	RTI SCIENCE & ENGINEERING CHILLER PLANT	RESEARCH TRIANGLE PA	NC	CTV 10.0



Sales Office	Sales Order	Unit Serial	Job Name	City	St.	Software
Greensboro	F3K441A	L05K04396	SHAW THOMSON, GA	THOMSON	GA	CTV 10.0
Greensboro	F3K441B	L05K04479	SHAW THOMSON, GA	THOMSON	GA	CTV 10.0
Greensboro	F3K579A	L05L05262	SHAW INDUSTRIES YUMA AZ	YUMA	AZ	CTV 10.0
Greensboro	F3K985A	L05L05277	RDU AIRPORT	MORRISVILLE	NC	CTV 10.0
Greensboro	F3M033A	L05M05538	ELASTIC THERAPY ASHEBORO	ASHEBORO	NC	CTV 10.0
Greensboro	F3M065A	L06A00351	PPD - WILMINGTON CHILLERS	WILMINGTON	NC	CTV 10.0
Greensboro	F3M065B	L06A00353	PPD - WILMINGTON CHILLERS	WILMINGTON	NC	CTV 10.0
Greensboro	F3M132A	L05L05268	VSU HARRIS & HUNTER-MC DANIEL HALL	PETERSBURG	VA	CTV 10.0
Greensboro	F3M132B	L05L05269	VSU HARRIS & HUNTER-MC DANIEL HALL	PETERSBURG	VA	CTV 10.0
Greensboro	F3M671A	L06F02689	CASWELL CENTER CHILLER ADDITION - 1/12/06	KINSTON	NC	CTV 10.0
Greenville, SC	F5R883B	L05G03392	WALGREENS DISTRIBUTION CENTER (MASTER)	WILLIAMSTON	SC	CTV 10.0
Greenville, SC	F5U132B	L06D01740	WALGREENS DISTRIBUTION CENTER (MASTER)	*	*	CTV 10.0
Greenville, SC	F5V445A	L06C01044	BMW E71 PROJECT	GREER	SC	CTV 10.0
Greenville, SC	F5Y132A	L05G03388	WBG - GREENVILLE HIGH SCHOOL WITH CONTROLS	GREENVILLE	SC	CTV 10.0
Greenville, SC	F5Y251A	L06D02172	O'NEAL - MICHELIN CHILLER IN FT WAYNE, IN	WOODBURN	IN	CTV 10.0
Harrisburg	D1G580A	L06D02156	BON TON STORE #39 CHILLER REPLACEMENT	MOOSIC	PA	CTV 10.0
Hartford	B2W426A	L05K04385	HIG NORTH PLAZA CHILLER PLANT UPGRADE CH-2	MIDDLETOWN	CT	CTV 10.0
Hartford	B2X205A	L06C01442	SBC 310 ORANGE AVE 350 TON CHILLER REPL	BRANFORD	CT	CTV 10.0
Honolulu	W1N100A	L05H03654	BLDG 649 F QUAD SCHOFIELD BARRACKS - REPLACE CHILL	LONG BEACH	CA	CTV 10.0
Honolulu	W1N235A	L05M05613	MAUI MEMORIAL MEDICAL CENTER REPLACE CHILLERS	LONG BEACH	CA	CTV 10.0
Honolulu	W1N235B	L05M05615	MAUI MEMORIAL MEDICAL CENTER REPLACE CHILLERS	LONG BEACH	CA	CTV 10.0
Houston	L4B298A	L05G03379	SBC - WESLAYAN TOLL PLAZA (DAHBI)	HOUSTON	TX	CTV 10.0
Houston	L4B298C	L05G03380	SBC - WESLAYAN TOLL PLAZA (DAHBI)	HOUSTON	TX	CTV 10.0
Houston	L4B501A	L05K04494	LAMAR CONSOLIDATED HIGH SCHOOL	ROSENBERG	TX	CTV 10.0
Houston	L4B501B	L05K04495	LAMAR CONSOLIDATED HIGH SCHOOL	ROSENBERG	TX	CTV 10.0
Houston	L4B861B	L05K04629	TAS00213 SEVEN FEATHERS CASINO NEW	HOUSTON	TX	CTV 10.0
Houston	L4B910B	L06B00573	CLEAR CREEK HIGH SCHOOL #4 (FINAL)	LEAGUE CITY	TX	CTV 10.0
Houston	L4B945A	L05L04811	MUSEUM OF FINE ARTS	HOUSTON	TX	CTV 10.0
Houston	L4C123A	L05M05545	BRAZOS COUNTY COURT HOUSE	RICHMOND	TX	CTV 10.0
Houston	L4C123B	L05M05547	BRAZOS COUNTY COURT HOUSE	RICHMOND	TX	CTV 10.0
Houston	L4C285A	L06C01420	2707 NORTH LOOP WEST	HOUSTON	TX	CTV 10.0
Houston	L4C285B	L06C01423	2707 NORTH LOOP WEST	HOUSTON	TX	CTV 10.0
Houston	L4C415A	L06C00940	TAS 0601003 HARRAHS BILOXI TURNOVER	HOUSTON	TX	CTV 10.0
Houston	L4C415B	L06C00941	TAS 0601003 HARRAHS BILOXI TURNOVER	HOUSTON	TX	CTV 10.0
Houston	L4C422A	L06C01114	ECHO LANE MANAGEMENT	HOUSTON	TX	CTV 10.0
Houston	L4C487A	L06C01453	TAS0506036 AVI CASINO	HOUSTON	TX	CTV 10.0
Houston	L4C487B	L06C01463	TAS0506036 AVI CASINO	HOUSTON	TX	CTV 10.0
Houston	L4C580B	L06F02680	SBC - 6500 W LOOP SOUTH (HOLSTE)	HOUSTON	TX	CTV 10.0
Huntsville	J8F627A	L05M05621	HH 05 MAIN CHILLER #2	HUNTSVILLE	AL	CTV 10.0
Indianapolis	P1E124A	L05G03386	COMMUNITY HOSPITAL NORTH EXPANSION	INDIANAPOLIS	IN	CTV 10.0
Indianapolis	P1E124B	L05G03390	COMMUNITY HOSPITAL NORTH EXPANSION	INDIANAPOLIS	IN	CTV 10.0
Indianapolis	P1E124C	L05G03391	COMMUNITY HOSPITAL NORTH EXPANSION	INDIANAPOLIS	IN	CTV 10.0
Indianapolis	P1E654A	L05L04820	WESTFIELD INTERMEDIATE CHILLER BID	WESTFIELD	IN	CTV 10.0
Indianapolis	P1F183A	L06D02199	COMMUNITY HOSPITAL TURNKEY	ANDERSON	IN	CTV 10.0
Indianapolis	P1F183B	L06E02324	COMMUNITY HOSPITAL TURNKEY	ANDERSON	IN	CTV 10.0
Indianapolis	P1F416A	L06F03020	METHODIST 1300 TON CHILLER	INDIANAPOLIS	IN	CTV 10.0



Sales Office	Sales Order	Unit Serial	Job Name	City	St.	Software
Jackson	K1R747A	L06E02383	FARM BUREAU 421 TON CHILLER	JACKSON	MS	CTV 10.0
Jackson	K1R805A	L06F02667	SAKS EPOC HIGH BAY CH-1 REPLACE 2006	JACKSON	MS	CTV 10.0
Jackson	K1R942A	L06G03231	GP - TAYLORSVILLE 400T CVHE	TAYLORSVILLE	MS	CTV 10.0
Jacksonville	G6A362A	L05L05250	SEA ISLAND EAST CHILLER PLANT II	BRUNSWICK	GA	CTV 10.0
Jacksonville	G6A363A	L05L05221	SEA ISLAND CENTRAL PLANT	SEA ISLAND	GA	CTV 10.0
Jacksonville	G6A363B	L05L05230	SEA ISLAND CENTRAL PLANT	SEA ISLAND	GA	CTV 10.0
Jacksonville	G6A363C	L05L05231	SEA ISLAND CENTRAL PLANT	SEA ISLAND	GA	CTV 10.0
Jacksonville	G6A363D	L05L05232	SEA ISLAND CENTRAL PLANT	SEA ISLAND	GA	CTV 10.0
Jacksonville	G6A372A	L06C01106	PHOEBE PUTNEY CHILLER 5	ALBANY	GA	CTV 10.0
Jacksonville	H2G582A	L05K04627	BAPTIST MEDICAL CENTER CHILLER CH-1	JACKSONVILLE	FL	CTV 10.0
Jacksonville	H2G669A	L05L05126	NOVO ZYMES PACKAGED CHILLER PLANT	JACKSONVILLE	FL	CTV 10.0
Jacksonville	H2G669B	L05L05128	NOVO ZYMES PACKAGED CHILLER PLANT	JACKSONVILLE	FL	CTV 10.0
Jacksonville	H2G669C	L05L05127	NOVO ZYMES PACKAGED CHILLER PLANT	JACKSONVILLE	FL	CTV 10.0
Jacksonville	H2H257A	L06E02458	NAS JACKSONVILLE HANGAR 1000 CHILLER	JACKSONVILLE	FL	CTV 10.0
Kansas City	Q2J350A	L06C01007	BNSF TOPEKA DATA CTR CHILLER	KANSAS CITY	MO	CTV 10.0
Kansas City	Q2J350B	L06C01032	BNSF TOPEKA DATA CTR CHILLER	KANSAS CITY	MO	CTV 10.0
Kansas City	Q2J774A	L06D02188	WICHITA STATE UNIVERSITY CHILLER PLANT	WICHITA	KS	CTV 10.0
Knoxville	J1R277A	L06B00830	FORT SANDERS REGIONAL ADDITION	KNOXVILLE	TN	CTVD 5.0
Knoxville	J1R277A	L06B00830	FORT SANDERS REGIONAL ADDITION	KNOXVILLE	TN	CTVD 5.0
La Crosse	S3X462A	L05J03947	HUTCHINSON TECHNOLOGY TRACE FACILITY (CHILLER #3)	EAU CLAIRE	WI	CTV 10.0
La Crosse	T2V655A	L06A00135	COMMUNITY MEMORIAL HOSPITAL 2006 CHILLER	WINONA	MN	CTV 10.0
La Crosse	T2V869A	L05K04481	LUTHER MIDELFORT 2005 CHILLER PLANT	EAU CLAIRE	WI	CTV 10.0
Lansing	M3A678A	L05L04766	FOOTE HOSPITAL EMERGENCY EXPANSION	JACKSON	MI	CTV 10.0
Lansing	M3B341A	L05L05261	DART PROCESS CHILLER	RANDLEMAN	NC	CTV 10.0
Las Vegas	W4L332A	L05K04649	GREEN VALLEY RANCH - PHASE 3	LAS VEGAS	NV	CTV 10.0
Las Vegas	W4M020A	L06C01051	SANTA FE - CENTRAL PLANT EXPANSION R2	LAS VEGAS	NV	CTV 10.0
Las Vegas	W4M020B	L06C01098	SANTA FE - CENTRAL PLANT EXPANSION R2	LAS VEGAS	NV	CTV 10.0
Las Vegas	W4M120A	L06E02350	MGM RESIDENCES - TOWER B (CHILLER ADDITION)	LAS VEGAS	NV	CTV 10.0
Lexington	P5J421A	L05K04632	HARRISON MEMORIAL HOSPITAL	CYNTHIANA	KY	CTV 10.0
Lexington	P5J421B	L05K04634	HARRISON MEMORIAL HOSPITAL	CYNTHIANA	KY	CTV 10.0
Lexington	P5J504A	L05L04876	CHASE TOWER CHILLER REPLACEMENT	LEXINGTON	KY	CTV 10.0
Lexington	P5J504B	L05L04874	CHASE TOWER CHILLER REPLACEMENT	LEXINGTON	KY	CTV 10.0
Lexington	P5J539A	L05L05066	MIKRON CHILLER REPLACEMENT / CUP MODIFICATIONS	RICHMOND	KY	CTV 10.0
Lexington	P5J539B	L05L05070	MIKRON CHILLER REPLACEMENT / CUP MODIFICATIONS	RICHMOND	KY	CTV 10.0
Lexington	P5J539C	L05L05068	MIKRON CHILLER REPLACEMENT / CUP MODIFICATIONS	RICHMOND	KY	CTV 10.0
Lexington	P5J539D	L05L05075	MIKRON CHILLER REPLACEMENT / CUP MODIFICATIONS	RICHMOND	KY	CTV 10.0
Lexington	P5J539E	L05L05081	MIKRON CHILLER REPLACEMENT / CUP MODIFICATIONS	RICHMOND	KY	CTV 10.0
Lexington	P5J539F	L05L05083	MIKRON CHILLER REPLACEMENT / CUP MODIFICATIONS	RICHMOND	KY	CTV 10.0
Little Rock	K3W165A	L05K04614	TYSON FOODS R&D FACILITY	SPRINGDALE	AR	CTV 10.0
Little Rock	K3W260A	L05H03624	ST. VINCENT DOCTORS - CARRIER REPLACEMENT CHILLER	LITTLE ROCK	AR	CTV 10.0
Little Rock	K3W341A	L05L04872	VAMC-JL MCCLELLAN CHILLERS	LITTLE ROCK	AR	CTV 10.0
Little Rock	K3W416A	L05L05062	VAMC-JL MCCLELLAN CHILLERS	LITTLE ROCK	AR	CTV 10.0
Little Rock	K3W434A	L05L05189	ST. VINCENT HEALTH SYSTEM - YORK #3 CHILLER	LITTLE ROCK	AR	CTV 10.0
London, Ontario	CMG190A	L05J04232	INTERNATIONAL TRUCK PLANT	CHATHAM	*	CTV 10.0
London, Ontario	CMW586A	L05J04316	STEEVES & ROZEMA ENTERPRISES LIMITED	SARNIA	*	CTV 10.0
London, Ontario	CMW686A	L06A00162	UNIVERSITY OF WINDSOR-REPLACEMENT CH # 3	WINDSOR	*	CTV 10.0



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Long Island	B4T897A	L05J04085	HUNTINGTON QUADRANGLE II	HOLBROOK	NY	CTV 10.0
Long Island	B4T897B	L05J04091	HUNTINGTON QUADRANGLE II	HOLBROOK	NY	CTV 10.0
Long Island	B4U031A	L05M05555	COLD SPRING HARBOR LABS - CHILLER PLANT	PATCHOGUE	NY	CTV 10.0
Long Island	B4U031B	L05M05557	COLD SPRING HARBOR LABS - CHILLER PLANT	PATCHOGUE	NY	CTV 10.0
Los Angeles	W2N375A	L05H03750	TRIPLE NET CHILLER REPLACEMENT	ONTARIO	CA	CTV 10.0
Los Angeles	W2N542A	L05J04104	NORTHROP BLDG S	LOS ANGELES	CA	CTV 10.0
Los Angeles	W2P074A	L05M05544	UCR EAST CAMPUS INFRASTRUCTURE	RIVERSIDE	CA	CTV 10.0
Los Angeles	W2P119A	L05K04570	888 NORTH MAIN	BLOOMINGTON	CA	CTV 10.0
Los Angeles	W2P996A	L06E02440	PACIFIC FINANCIAL NEWPORT BEACH, CTV	ANAHEIM	CA	CTV 10.0
Los Angeles	W2T045A	L06E02365	MACERICH INLAND CENTER HVAC RETRO	POMONA	CA	CTV 10.0
Los Angeles	W2T063A	L06E02372	TORO MANUFACTURING REPLACEMENT CHILLER	BLOOMINGTON	CA	CTV 10.0
Los Angeles	W2T174A	L06F02612	USC-DOHENY LIBRARY	ONTARIO	CA	CTV 10.0
Los Angeles	W2T228A	L06F02668	EDWARDS AFB BLDG 1020 REPLACE CHILLER	BLOOMINGTON	CA	CTV 10.0
Los Angeles	W2T318A	L06F02727	ESRI	REDLANDS	CA	CTV 10.0
Los Angeles	W2T318B	L06F02733	ESRI	REDLANDS	CA	CTV 10.0
Los Angeles	W2T318C	L06F02734	ESRI	REDLANDS	CA	CTV 10.0
Los Angeles	W2T341A	L06F02700	BOEING AIRPORT CENTER BUILDING 74 AND 74 CHILLER	SANTA FE SPRINGS	CA	CTV 10.0
Lubbock	L5Z445A	L05J04080	600 TON CHILLER-HENDRICK MEDICAL CENTER	ABILENE	TX	CTV 10.0
Lubbock	L5Z450A	L05J03929	WCC WASHINGTON STATE PLANT	FIFE	WA	CTV 10.0
Lubbock	L5Z450B	L05J03936	WCC WASHINGTON STATE PLANT	FIFE	WA	CTV 10.0
Lubbock	L5Z523A	L05K04650	WCC HATTISBURG PLANT ADDITION 2005	HATTIESBURG	MS	CTV 10.0
Macon, GA	G3D530A	L06D01712	TIMKEN BEARING PLANT	CAIRO	GA	CTV 10.0
Madison	T1Y751A	L05L04810	SAINT MARYS HOSPITAL CHILLER	MADISON	WI	CTV 10.0
Madison	T1Z548A	L05L04882	MERITER HOSPITAL CHILLER ADDITION 2005	MADISON	WI	CTV 10.0
Madison	T1Z548B	L05L05058	MERITER HOSPITAL CHILLER ADDITION 2005	MADISON	WI	CTV 10.0
Madison	T1Z749A	L06C01023	ST. CLARE HOSPITAL BARABOO	MADISON	WI	CTV 10.0
Madison	T1Z988A	L06C01436	MATC - TRUAX CAMPUS CHILLER #2 REPLACEMENT	MADISON	WI	CTV 10.0
Memphis	K2A486A	L05K04625	KCC SEP 2005 CHILLER	CORINTH	MS	CTV 10.0
Memphis	K2E624A	L05H03762	MUW - POHL HALL AND RECREATION CENTER	COLUMBUS	MS	CTV 10.0
Memphis	K2E624B	L05H03765	MUW - POHL HALL AND RECREATION CENTER	COLUMBUS	MS	CTV 10.0
Memphis	K2E702A	L05L05112	UMSTEAD HOTEL	CARY	NC	CTV 10.0
Memphis	K2E702B	L05L05114	UMSTEAD HOTEL	CARY	NC	CTV 10.0
Memphis	K2M023A	L05H03656	UT CLINICAL SCIENCES RESEARCH BUILDING	MEMPHIS	TN	CTV 10.0
Memphis	K2M023B	L05H03731	UT CLINICAL SCIENCES RESEARCH BUILDING	MEMPHIS	TN	CTV 10.0
Memphis	K2S455A	L05L05093	NORTH MISSISSIPPI MEDICAL 1280 CHILLER	TUPELO	MS	CTV 10.0
Miami	H4B083A	L05H03638	FPL - PRETRIAL DETENTION CENTER	MIAMI	FL	CTV 10.0
Miami	H4B083B	L05H03645	FPL - PRETRIAL DETENTION CENTER	MIAMI	FL	CTV 10.0
Miami	H4C525A	L05L04817	M BEACH ONE	FORT LAUDERDALE	FL	CTV 10.0
Miami	H4C525B	L05L04819	M BEACH ONE	FORT LAUDERDALE	FL	CTV 10.0
Miami	H4C790A	L06D02141	ATLANTIS PHASE III CONVENTION CENTER	DANIA BEACH	FL	CTV 10.0
Miami	H4C790B	L06D02144	ATLANTIS PHASE III CONVENTION CENTER	DANIA BEACH	FL	CTV 10.0
Miami	H4C839A	L06F02679	ATLANTIS PHASE III - HOTEL	DANIA	FL	CTV 10.0
Miami	H4D524A	L06E02434	WEST BOCA MEDICAL CENTER**	BOCA RATON	FL	CTV 10.0
MIAMI	H8B043A	L05K04375	KENDALL REGIONAL MEDICAL CENTER 11-17-04	MIAMI	FL	CTV 10.0
MIAMI	H8B043B	L05K04381	KENDALL REGIONAL MEDICAL CENTER 11-17-04	MIAMI	FL	CTV 10.0



Sales Office	Sales Order	Unit Serial	Job Name	City	St.	Software
Milwaukee	T5C767A	L06B00791	MPS - VINCENT HIGH SCHOOL	WEST MILWAUKEE	WI	CTV 10.0
Milwaukee	T5C767B	L06B00789	MPS - VINCENT HIGH SCHOOL	WEST MILWAUKEE	WI	CTV 10.0
Mobile	J5Q224A	L05L04768	NGSS PAINT AND BLAST HALL HVAC HD	PASCAGOULA	MS	CTV 10.0
Mobile	J5R032A	L06F02726	NAS PENSACOLA BLDG 633	PENSACOLA	FL	CTV 10.0
Montgomery, AL	S4X037A	L05F02914	AUBURN DEP#1 ORDERS	AUBURN	AL	CTVD 5.0
Montgomery, AL	S4X037A	L05F02914	AUBURN DEP#1 ORDERS	AUBURN	AL	CTVD 5.0
Montgomery, AL	S4X037B	L05F02945	AUBURN DEP#1 ORDERS	AUBURN	AL	CTVD 5.0
Montgomery, AL	S4X037B	L05F02945	AUBURN DEP#1 ORDERS	AUBURN	AL	CTVD 5.0
Montgomery, AL	S4X405A	L06D01722	COLONIAL BANK HEADQUARTERS	MONTGOMERY	AL	CTV 10.0
Montgomery, AL	S4X405B	L06D01723	COLONIAL BANK HEADQUARTERS	MONTGOMERY	AL	CTV 10.0
Montreal, Quebec	CFE116A	L05M05588	EKA CHIMIE 1200 TONNES	MAGOG	*	CTV 10.0
Nashville	P4B693A	L05J03931	REPLACE PWT DRIER CHILLER	ARNOLD AFB	TN	CTV 10.0
Nashville	P4C078A	L05K04631	MOREHEAD MEMORIAL HOSPITAL ADDITION	EDEN	NC	CTV 10.0
Nashville	P4C225A	L05L04781	M TEK PH III MISSISSIPPI	MADISON	MS	CTV 10.0
Nashville	P4C336A	L05L04889	VUMC INFIL SUPPORT REPLACE 300 TON CVHE	NASHVILLE	TN	CTV 10.0
Nashville	P4C445A	L05L05204	BAILEY MEDICAL CENTER HOSPITAL	OWASSO	OK	CTV 10.0
Nashville	P4C445B	L05L05205	BAILEY MEDICAL CENTER HOSPITAL	OWASSO	OK	CTV 10.0
Nashville	P4C942A	L06C00994	TTU CHILLERS CFC CONVERSION (PART 2) RENOVATION	COOKEVILLE	TN	CTV 10.0
Nashville	P4D006A	L06C01092	APSU REPLACEMENT CHILLER	CLARKSVILLE	TN	CTV 10.0
Nashville	P4D090A	L06C01298	INDEPENDENCE REGIONAL HOSPITAL NEW	INDEPENDENCE	MO	CTV 10.0
Nashville	P4D521A	L06E02340	MCGAVOCK HIGH SCHOOL RENOVATION	NASHVILLE	TN	CTV 10.0
Nashville	P4D521B	L06E02431	MCGAVOCK HIGH SCHOOL RENOVATION	NASHVILLE	TN	CTV 10.0
New Orleans	K4J354A	L05G03420	UNO - BUSINESS ADMIN. BLDG. CHILLER REPLACEMENT	METAIRIE	LA	CTV 10.0
New Orleans	K4N030A	L05K04612	BEAU RIVAGE CHILLER REPLACEMENT	BILOXI	MS	CTV 10.0
New Orleans	K4N030B	L05K04613	BEAU RIVAGE CHILLER REPLACEMENT	BILOXI	MS	CTV 10.0
New Orleans	K4N030C	L05K04630	BEAU RIVAGE CHILLER REPLACEMENT	BILOXI	MS	CTV 10.0
New Orleans	K4N030D	L05K04637	BEAU RIVAGE CHILLER REPLACEMENT	BILOXI	MS	CTV 10.0
New Orleans	K4N045A	L05L04769	ROYAL SONESTA HOTEL CVHF	HARAHAN	LA	CTV 10.0
New Orleans	K4N166A	L05L05096	CAROL CODOMINIUMS	JEFFERSON	LA	CTV 10.0
New Orleans	K4N166B	L05L05098	CAROL CODOMINIUMS	JEFFERSON	LA	CTV 10.0
New Orleans	K4N272A	L06B00518	WISDOM U.S. COURT OF APPEALS CHILLER REPLACEMENT	JEFFERSON	LA	CTV 10.0
New Orleans	K4N272B	L06B00519	WISDOM U.S. COURT OF APPEALS CHILLER REPLACEMENT	JEFFERSON	LA	CTV 10.0
New Orleans	K4N460A	L06B00652	BELL SOUTH BUNDY CHILLER REPLACEMENT KATRINA	JEFFERSON	LA	CTV 10.0
New Orleans	K4N538A	L06D02179	MAGIC CASINO - NEW CASINO CHILLERS	BAY SAINT LOUIS	MS	CTV 10.0
New Orleans	K4N538B	L06D02180	MAGIC CASINO - NEW CASINO CHILLERS	BAY SAINT LOUIS	MS	CTV 10.0
New Orleans	K4N680A	L06F02709	SHERATON UPGRADE	HARAHAN	LA	CTV 10.0
New Orleans	K4N838A	L06G03264	OASIS CASINO	GULFPORT	MS	CTV 10.0
New Orleans	K4N838B	L06G03268	OASIS CASINO	GULFPORT	MS	CTV 10.0
New York	B3C431A	L05G03508	BIOPHARMAX - SPUNTECH INDUSTRIES	ROXBORO	NC	CTV 10.0
New York	B3D074A	L05L05266	USA INTERACTIVE CHILLER ORDER	BROOKLYN	NY	CTV 10.0
New York	B3D074B	L05L05267	USA INTERACTIVE CHILLER ORDER	BROOKLYN	NY	CTV 10.0
New York	B3D599A	L06C01263	REUNION GRANDE	KISSIMMEE	FL	CTV 10.0
New York	B3D599B	L06C01265	REUNION GRANDE	KISSIMMEE	FL	CTV 10.0
New York	B3I638A	L05J04271	SFA - PRUDENTIAL CENTER	AVON	MA	CTV 10.0
New York	B3I638B	L05J04273	SFA - PRUDENTIAL CENTER	AVON	MA	CTV 10.0
New York	B3I824A	L05M05437	MORGAN STANLEY - 8/30/05	BRANFORD	CT	CTV 10.0
New York	B3O024A	L06A00339	NYU CENTRAL PLANT CHILLER # 2	AMITYVILLE	NY	CTVD 5.0



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New York	B3O024A	L06A00339	NYU CENTRAL PLANT CHILLER # 2	AMITYVILLE	NY	CTVD 5.0
New York	B3O061A	L06A00169	SOUND SHORE MEDICAL CENTER JOYCE PLANT	BROOKLYN	NY	CTV 10.0
New York	B3O061B	L06A00176	SOUND SHORE MEDICAL CENTER JOYCE PLANT	BROOKLYN	NY	CTV 10.0
New York	B3O061C	L06A00186	SOUND SHORE MEDICAL CENTER JOYCE PLANT	BROOKLYN	NY	CTV 10.0
New York	B3O621A	L06G03296	METROPOLITAN MUSEUM OF ART 1000 TON CHILLER	SOUTH FARMINGDALE	NY	CTV 10.0
New York	B3Z140A	L05J04071	BELMONT MADISON	NEW YORK	NY	CTV 10.0
Norfolk	E5T642A	L06D01745	HU - TURNER HALL	HAMPTON	VA	CTV 10.0
Norfolk	E5V076A	L06C01291	GREAT NECK RECREATION CENTER - VB	HAMPTON	VA	CTV 10.0
Norfolk	E5V215A	L06D01783	PACE - VA BEACH MUNICIPAL CENTER -1250 TON CHILLER	VIRGINIA BEACH	VA	CTV 10.0
Norfolk	E5V360A	L06E02323	PACE - BAYSIDE RECREATION CENTER	VIRGINIA BEACH	VA	CTV 10.0
North Jersey	B6B322A	L05L04776	GOLDMAN SACHS-DATA CENTER INFRASTRUCTURE UPGRADE	KEARNY	NJ	CTV 10.0
North Jersey	B6B322B	L05L04777	GOLDMAN SACHS-DATA CENTER INFRASTRUCTURE UPGRADE	KEARNY	NJ	CTV 10.0
North Jersey	B6M238A	L06G03605	STAR LEDGER REPLACEMENT CHILLER - MONTVILLE	SOUTH PLAINFIELD	NJ	CTV 10.0
North Jersey	B6Z488A	L06J04273	AGC	SOUTH PLAINFIELD	NJ	CTV 10.0
Oakland	X6C612A	L05K04638	BAYER UTILITIES EXPANSION PHASE 2	BERKELEY	CA	CTV 10.0
Oklahoma City	L1G132A	L05J04062	OCCC SEM ADDITION PHASE 1	OKLAHOMA CITY	OK	CTV 10.0
Oklahoma City	L1H097A	L06C01283	FIRELAKE GRAND CASINO	MPCLOUD	OK	CTV 10.0
Oklahoma City	L1H097B	L06C01285	FIRELAKE GRAND CASINO	MPCLOUD	OK	CTV 10.0
Orlando	H3A156A	L06D01769	FRITO-LAY ORLANDO CHILLER	ORLANDO	FL	CTV 10.0
Orlando	H3A224A	L06F02653	VILLAGES REGIONAL HOSPITAL ICU EXPANSION EARLY WOR	THE VILLAGES	FL	CTV 10.0
Orlando	H3A224B	L06G03604	VILLAGES REGIONAL HOSPITAL ICU EXPANSION EARLY WOR	THE VILLAGES	FL	CTV 10.0
Orlando	H3A571A	L06F02672	OUC SOUTH PLANT 1000 TON ADDITION	ORLANDO	FL	CTV 10.0
Orlando	H3U904A	L05J03942	ST LUCIE COUNTY HIGH SCHOOL AAA NEW CONST	PORT SAINT LUCIE	FL	CTV 10.0
Orlando	H3U904B	L05J03943	ST LUCIE COUNTY HIGH SCHOOL AAA NEW CONST	PORT SAINT LUCIE	FL	CTV 10.0
Orlando	H3X788A	L05L05087	CORNER LAKE RELIEF MIDDLE SCHOOL NEW CONST	ORLANDO	FL	CTV 10.0
Orlando	H3X788B	L05L05085	CORNER LAKE RELIEF MIDDLE SCHOOL NEW CONST	ORLANDO	FL	CTV 10.0
Orlando	H3Y243A	L05M05564	SOUTHEASTERN CONTAINER	ORLANDO	FL	CTV 10.0
Orlando	H3Y854A	L06C01037	LAKE PORT SQUARE CHILLER REPL	LEESBURG	FL	CTV 10.0
Orlando	H3Y854B	L06C01089	LAKE PORT SQUARE CHILLER REPL	LEESBURG	FL	CTV 10.0
Ottawa, Ontario	CGB109A	L05G03397	131 QUEEN ST. (ORDER)	OTTAWA	*	CTV 10.0
Ottawa, Ontario	CGC403A	L06A00155	NRC CENTRIFUGAL CHILLERS 2005	GLOUCESTER	*	CTV 10.0
Ottawa, Ontario	CGC403B	L06A00160	NRC CENTRIFUGAL CHILLERS 2005	GLOUCESTER	*	CTV 10.0
Ottawa, Ontario	CGC444A	L06A00156	PRESTON SQUARE TOWER 2- DILFO	GLOUCESTER	*	CTV 10.0
Ottawa, Ontario	CGC444B	L06A00154	PRESTON SQUARE TOWER 2- DILFO	GLOUCESTER	*	CTV 10.0
Peoria	R3M549A	L05L05206	SPR-MEMORIAL MEDICAL BACKUP CHILLER	SPRINGFIELD	IL	CTV 10.0
Peoria	R3N002A	L06D01739	MOSS-CAT BLDG AC EE EXP PH2 FINAL	MOSSVILLE	IL	CTV 10.0
Philadelphia	D2V475A	L05H03633	TEMPLE AMBLER LEARNING CENTER (FLUIDICS)	PHILADELPHIA	PA	CTV 10.0
Philadelphia	D2W013A	L05H03651	MERCY SUBURBAN HOSPITAL - CHILLER PLANT	WEST CHESTER	OH	CTV 10.0
Philadelphia	D2W013B	L05H03652	MERCY SUBURBAN HOSPITAL - CHILLER PLANT	WEST CHESTER	OH	CTV 10.0
Philadelphia	D2W333C	L05K04514	SHAWNEE MIDDLE SCHOOL	EASTON	PA	CTV 10.0
Phoenix	V3H878A	L05G03394	FIRST NATIONAL BANK OF ARIZONA - FOUNTAINHEAD BAS	PHOENIX	AZ	CTV 10.0



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Phoenix	V3I813A	L05M05535	DYSART HIGH SCHOOL #3 - CHILLERS	SURPRISE	AZ	CTV 10.0
Phoenix	V3I813B	L05M05536	DYSART HIGH SCHOOL #3 - CHILLERS	SURPRISE	AZ	CTV 10.0
Phoenix	V3J154A	L06B00585	MCCLINTOCK HS CHILLER REPLACEMENT	PHOENIX	AZ	CTV 10.0
Phoenix	V3J697A	L06F02714	YAVAPAI REGIONAL MEDICAL CENTER CTV 300 600GPM	PRESCOTT	AZ	CTV 10.0
Phoenix	V3K580A	L06K04958	MAYO CLINIC HOSPITAL-CHILLED WATER PLANT EXPANSION	PHOENIX	AZ	CTV 10.0
Phoenix	Y2W044B	L06C01095	INTEL FAB-32 CHILLERS	CHANDLER	AZ	CTV 10.0
Phoenix	Y2W044C	L06C01267	INTEL FAB-32 CHILLERS	CHANDLER	AZ	CTV 10.0
Phoenix	Y2W044D	L06C01104	INTEL FAB-32 CHILLERS	CHANDLER	AZ	CTV 10.0
Phoenix	Y2W044E	L06C01022	INTEL FAB-32 CHILLERS	CHANDLER	AZ	CTV 10.0
Phoenix	Y2W044G	L06C01276	INTEL FAB-32 CHILLERS	CHANDLER	AZ	CTV 10.0
Phoenix	Y2W044J	L06C01262	INTEL FAB-32 CHILLERS	CHANDLER	AZ	CTV 10.0
Phoenix	Y2W044K	L06C01253	INTEL FAB-32 CHILLERS	CHANDLER	AZ	CTV 10.0
Pittsburgh	D3C828A	L06B00514	VA OAKLAND CHILLER REPLACEMENT-CHILLER ONLY	PITTSBURGH	PA	CTV 10.0
Pittsburgh	D3D018A	L06D01706	VEKA - PROCESS CHILLER PHASE II	FOMBELL	PA	CTV 10.0
Portland, OR	Y2T989A	L05L04788	PROVIDENCE ST. VINCENT, EAST BED EXTENSION CHILLE	PORTLAND	OR	CTV 10.0
Portland, OR	Y2V259A	L05L05102	INTEL D1D ADDITIONAL COOLING ONLY CHILLER	HILLSBORO	OR	CTV 10.0
Providence	A5K459A	L06E02386	CHARLES RIVER LABS - SHREWSBURY	SHREWSBURY	MA	CTV 10.0
Quebec City, Quebec	CEG539A	L05K04644	CENTRE DES CONGRÈS (CENTRAVAC)	QUEBEC	*	CTV 10.0
Raleigh	F4H364A	L05J04293	RALEIGH COMMUNITY HOSPITAL CHILLER PLANT	DURHAM	NC	CTV 10.0
Raleigh	F4H593B	L05L05130	ECU COLLEGE HILL RESIDENCE HALL	GREENVILLE	NC	CTV 10.0
Raleigh	F4J312A	L06E02380	CHILLER ADDITION - NCSSM	DURHAM	NC	CTV 10.0
Richmond	E3J633A	L05J03955	GMU CHILLER PLANT	UPPER MARLBORO	MD	CTV 10.0
Richmond	E3J633B	L05J03961	GMU CHILLER PLANT	UPPER MARLBORO	MD	CTV 10.0
Richmond	E3K179A	L05J04286	MANASSAS INTERMEDIATE SCHOOL	MANASSAS	VA	CTV 10.0
Richmond	E3K179B	L05J04288	MANASSAS INTERMEDIATE SCHOOL	MANASSAS	VA	CTV 10.0
Richmond	E3M354A	L06H04104	CHESTERFIELD COUNTY SCHOOLS CLOVER HILL CHILLER	ASHLAND	VA	CTV 10.0
Roanoke	E4C454A	L05J04278	VPI&SU - CHILLER PLANT/PAMPLIN BID	BLACKSBURG	VA	CTV 10.0
Roanoke	E4C454B	L05J04076	VPI&SU - CHILLER PLANT/PAMPLIN BID	BLACKSBURG	VA	CTV 10.0
Roanoke	E4D656A	L06B00505	RR DONNELLY #2 CHILLER REPLACEMENT E417136	LYNCHBURG	VA	CTV 10.0
Roanoke	E4E037A	L06E02381	TANGLEWOOD MALL CHILLER PLANT RENOVATIONS E420008	ROANOKE	VA	CTV 10.0
Roanoke	E4E037B	L06E02379	TANGLEWOOD MALL CHILLER PLANT RENOVATIONS E420008	ROANOKE	VA	CTV 10.0
Sacramento	X2S645A	L05L04772	UC DAVIS - CHILL WATER PHASE 6A	DAVIS	CA	CTVD 5.0
Sacramento	X2S645A	L05L04772	UC DAVIS - CHILL WATER PHASE 6A	DAVIS	CA	CTVD 5.0
Sacramento	X2T849B	L06F02995	QUEBECOR WORLD - MERCED	MERCED	CA	CTV 10.0
Salt Lake City	V4C191B	L05J04087	UTAH STATE CAPITAL CENTRAL PLANT	SALT LAKE CITY	UT	CTV 10.0
San Antonio	L6A239A	L05J03940	SWRI APPLIED PHYSICS BUILDING 238	SAN ANTONIO	TX	CTV 10.0
San Antonio	L6A239B	L05J03941	SWRI APPLIED PHYSICS BUILDING 238	SAN ANTONIO	TX	CTV 10.0
San Antonio	L6A466A	L05F03038	DEL MAR COLLEGE EAST CAMPUS CENTRAL PLANT EXPANSIO	CORPUS CHRISTI	TX	CTV 10.0
San Antonio	L6A929A	L05J04072	ZACHRY BUILDING C	SAN ANTONIO	TX	CTV 10.0
San Antonio	L6B294A	L05K04388	SBC 1010 N ST MARYS CENTRIFUGAL CHILLERS	SAN ANTONIO	TX	CTV 10.0
San Antonio	L6B294B	L05K04389	SBC 1010 N ST MARYS CENTRIFUGAL CHILLERS	SAN ANTONIO	TX	CTV 10.0
San Antonio	L6B514A	L05L04883	BROADWAY BANK BUILDING 425 SOLEDAD	SCHERTZ	TX	CTV 10.0
San Antonio	L6B643A	L05J03965	SBC SNAN CAPITOL CONDO CHILLER REPLACEMENT	SAN ANTONIO	TX	CTV 10.0
San Antonio	L6B643B	L05H03870	SBC SNAN CAPITOL CONDO CHILLER REPLACEMENT	SAN ANTONIO	TX	CTV 10.0



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San Antonio	L6C351A	L05L05073	VA HOSPITAL KERRVILLE PH II	KERRVILLE	TX	CTV 10.0
San Francisco	X1E731A	L05F03019	INTEL SC-4 PHASE IV DATA CENTERS- WATER COOLED CH	SAN JOSE	CA	CTV 10.0
San Francisco	X1E731B	L05F03022	INTEL SC-4 PHASE IV DATA CENTERS- WATER COOLED CH	SAN JOSE	CA	CTV 10.0
San Francisco	X1F250A	L05L04785	NVIDIA DATA CENTER- ADDITIONAL CHILLER	SAN JOSE	CA	CTV 10.0
San Francisco	X1F735A	L06E02445	ATI SERVER ROOM REV 3	SAN JOSE	CA	CTV 10.0
San Francisco	X1F801A	L06E02358	GENITOPÉ CORPORATION BLDG. 2	SAN LEANDRO	CA	CTV 10.0
San Francisco	X1F801B	L06E02357	GENITOPÉ CORPORATION BLDG. 2	SAN LEANDRO	CA	CTV 10.0
San Francisco	X1F849A	L06E02454	MISSION BAY LOT 41, PARCEL-1 LIFE SCIENCE BUILDING	SAN FRANCISCO	CA	CTV 10.0
San Francisco	X1F849B	L06E02455	MISSION BAY LOT 41, PARCEL-1 LIFE SCIENCE BUILDING	SAN FRANCISCO	CA	CTV 10.0
Seattle	Y3A004A	L06F02696	CENTURY SQUARE 394 TON CHILLER	SEATTLE	WA	CTV 10.0
Seattle	Y3H404A	L06F02613	FISHER PLAZA PHASE II - CHILLER ADDITION	SEATTLE	WA	CTV 10.0
Seattle	Y3H404B	L06F02614	FISHER PLAZA PHASE II - CHILLER ADDITION	SEATTLE	WA	CTV 10.0
Shreveport	K7B103A	L05J04079	LSU ALEXANDRIA	ALEXANDRIA	LA	CTV 10.0
Shreveport	K7B746A	L05M05585	IP MANSFIELD - CHILLER #3	MANSFIELD	LA	CTV 10.0
Shreveport	K7C761A	L06H03780	XTO CHILLER PROJECT	COTTON VALLEY	LA	CTV 10.0
Sioux Falls	R6F103A	L06D01755	MERCY MEDICAL CHILLER PLANT PHASE 1	SIOUX CITY	IA	CTV 10.0
Springfield	Q8M945A	L06A00152	NEOSHO MEMORIAL REGIONAL MEDICAL CENTER II	CHANUTE	KS	CTV 10.0
Springfield	Q8N009A	L06D02153	LABETTE COUNTY MED CENTER CHILLER BID	PARSONS	KS	CTV 10.0
Springfield	Q8N009B	L06E02227	LABETTE COUNTY MED CENTER CHILLER BID	PARSONS	KS	CTV 10.0
St. Louis	Q3J050A	L05J03957	PEINE ROAD ELEMENTARY SCHOOL	WENTZVILLE	MO	CTV 10.0
St. Louis	Q3J272A	L05L04815	FEISE ROAD ELEMENTARY SCHOOL	WENTZVILLE	MO	CTV 10.0
St. Louis	Q3J370A	L05L04779	WENTZVILLE DD MIDDLE SCHOOL PHASE 2	O FALLON	MO	CTV 10.0
St. Louis	Q3J537A	L05L04884	ST. FRANCIS MEDICAL CENTER	CAPE GIRARDEAU	MO	CTV 10.0
St. Louis	Q3J581A	L06B00497	BJC O'FALLON - NEW HOSPITAL	O FALLON	MO	CTV 10.0
St. Louis	Q3J678A	L05L05241	SAFB BUILDING 44	BELLEVILLE	IL	CTV 10.0
St. Louis	Q3J789A	L06A00147	SWIC CHILLER PLANT RENOVATIONS	BELLEVILLE	IL	CTV 10.0
St. Louis	Q3K124A	L06B00606	MALLINCKRODT INSTITUTE OF RADIOLOGY - CHILLER	SAINT LOUIS	MO	CTV 10.0
St. Louis	Q3K124B	L06B00607	MALLINCKRODT INSTITUTE OF RADIOLOGY - CHILLER	SAINT LOUIS	MO	CTV 10.0
St. Louis	Q3K186A	L06B00819	SLU RESEARCH FACILITY	SAINT LOUIS	MO	CTV 10.0
St. Louis	Q3K186B	L06B00821	SLU RESEARCH FACILITY	SAINT LOUIS	MO	CTV 10.0
St. Louis	Q3K305A	L06C01279	WEBSTER UNIVERSITY - CHILLER AND COOLING TOWER	WEBSTER GROVES	MO	CTV 10.0
Sudbury, Ontario	CKA398A	L05K04633	1050 NOTRE DAME - CHILLER REPLACEMENT	SUDBURY	*	CTV 10.0
Sudbury, Ontario	CKA398B	L05K04635	1050 NOTRE DAME - CHILLER REPLACEMENT	SUDBURY	*	CTV 10.0
Sudbury, Ontario	CKA486A	L05L05216	SAULT STE-MARIE EVENT CENTRE (CHILLER)	SAULT STE MARIE	*	CTV 10.0
Tallahassee	S3Y256A	L06F02645	EGLIN AIR FORCE BASE, FLORIDA - BUILDING 14	EGLIN AFB	FL	CTV 10.0
Tallahassee	S3Y256B	L06F02656	EGLIN AIR FORCE BASE, FLORIDA - BUILDING 14	EGLIN AFB	FL	CTV 10.0
Tampa	H5W106A	L05K04643	MEASE NORTHBAY HOSPITAL	NEW PORT RICHEY	FL	CTV 10.0
Tampa	H5W641A	L06C01117	SPC - HEALTH EDUCATION CENTER AHUS	PINELLAS PARK	FL	CTV 10.0
Tampa	H5W641B	L06C01119	SPC - HEALTH EDUCATION CENTER AHUS	PINELLAS PARK	FL	CTV 10.0
Tampa	H5W927A	L06A00125	WESTFIELD SHOPPINGTOWN COUNTRYSIDE	CLEARWATER	FL	CTV 10.0
Tampa	H5W927B	L06A00127	WESTFIELD SHOPPINGTOWN COUNTRYSIDE	CLEARWATER	FL	CTV 10.0
Tampa	H5X945A	L06F02723	400 N TAMPA	TAMPA	FL	CTV 10.0
Tampa	H5Y569C	L06J04296	BANK OF AMERICA - EKMAN CENTER	TAMPA	FL	CTV 10.0
Toledo	N6P645A	L05F03029	TOLEDO HOSPITAL CHILLER PLANT 2005	TOLEDO	OH	CTV 10.0
Toledo	N6P777A	L05K04395	FIRELANDS REGIONAL MEDICAL CENTER - ORDER	SANDUSKY	OH	CTV 10.0
Toledo	N6P777B	L05K04480	FIRELANDS REGIONAL MEDICAL CENTER - ORDER	SANDUSKY	OH	CTV 10.0



Sales Office	Sales Order	Unit Serial	Job Name	City	St.	Software
Toledo	N6R413A	L06F03186	LA-Z-BOY LINCONTON NC	LINCOLNTON	NC	CTV 10.0
Toronto, Ontario	CHL826E	L05G03136	BMO-BARRIE COMPUTER CENTRE-CHILLER PRE-TENDER	BARRIE	*	CTV 10.0
Toronto, Ontario	CHL909A	L05G03371	BERG US FENCE	BULLS GAP	TN	CTV 10.0
Toronto, Ontario	CHM179A	L05K04642	CHURCHILL MEADOWS S.S. (APPLEWOOD ACRES)	MISSISSAUGA	*	CTV 10.0
Toronto, Ontario	CHM267A	L05M05542	MAPLE LEAF FOODS	HAMILTON	*	CTV 10.0
Toronto, Ontario	CHM338A	L06A00170	UNIVERSITY OF WATERLOO - 2005 CHILLERS	WATERLOO	*	CTV 10.0
Toronto, Ontario	CHM338B	L06A00354	UNIVERSITY OF WATERLOO - 2005 CHILLERS	WATERLOO	*	CTV 10.0
Toronto, Ontario	CHM338C	L06B00494	UNIVERSITY OF WATERLOO - 2005 CHILLERS	WATERLOO	*	CTV 10.0
Toronto, Ontario	CHM578A	L06C01440	CENTENNIAL COLLEGE CHILLER REPLACEMENT	SCARBOROUGH	*	CTV 10.0
Toronto, Ontario	CHM674A	L06D02152	SC JOHNSON CHILLER PLANT	BRANTFORD	*	CTV 10.0
Tucson	V8E330A	L05J04081	U OF A AHSC CH-1	TUCSON	AZ	CTV 10.0
Tucson	V8E561A	L06D01693	U OF A ICE STORAGE PHASE III	TUCSON	AZ	CTV 10.0
Tulsa	L2K573C	L05G03403	ROBINS AFB	ROBINS A F B	GA	CTV 10.0
Tulsa	L2K638A	L05G03347	CONOCOPHILLIPS DATA CENTER	BARTLESVILLE	OK	CTV 10.0
Tulsa	L2K646A	L05K04615	TCC BIOTECH ADDITION	TULSA	OK	CTV 10.0
Tulsa	L2K696A	L05G03146	2300 RIVERSIDE CONDOS ADD CHILLER	TULSA	OK	CTV 10.0
Tulsa	L2K838A	L06B00828	IMATION CHILLERS	DALLAS	TX	CTV 10.0
Tulsa	L2K838B	L06B00829	IMATION CHILLERS	DALLAS	TX	CTV 10.0
Twin Cities	S3X465A	L05J04051	JIM FLOURDE - GUIDANT CHILLER REPLACEMENT	MINNEAPOLIS	MN	CTV 10.0
Twin Cities	S3X678A	L05L04787	UNIVERSITY OF ST. THOMAS - MCNEELY HALL	SAINT PAUL	MN	CTV 10.0
Twin Cities	S3X678B	L05L04789	UNIVERSITY OF ST. THOMAS - MCNEELY HALL	SAINT PAUL	MN	CTV 10.0
Twin Cities	S3X727A	L05L05076	ALLIANZ - PHASE LL	GOLDEN VALLEY	MN	CTV 10.0
Twin Cities	S3X727B	L05L05078	ALLIANZ - PHASE LL	GOLDEN VALLEY	MN	CTV 10.0
Twin Cities	S3X730A	L05M05625	3M ALEXANDRIA - 3MUS-MN ABRASIVES PLANT	ALEXANDRIA	MN	CTV 10.0
Twin Cities	S3X785A	L06B00611	INVER HILLS COMMUNITY CHILLER	EAGAN	MN	CTV 10.0
Twin Cities	S3X806A	L06A00159	FAIRVIEW RIDGES--2005 CHILLER ADDITION	SAINT PAUL	MN	CTV 10.0
Twin Cities	S3X827A	L05M05568	1225 LASALLE	NEW BRIGHTON	MN	CTV 10.0
Twin Cities	S3Y010A	L06C01090	3M CUMBERLAND WI	CUMBERLAND	WI	CTV 10.0
Twin Cities	S3Y068A	L06C01293	BOYNTON 3RD AND 4TH FLOOR REMODEL	SAINT PAUL	MN	CTV 10.0
Twin Cities	S3Y349A	L06H03824	LOCKHEED MARTIN	EAGAN	MN	CTV 10.0
Twin Cities	S3Y559A	L06H04198	SEAGATE-BLDG "D", WAFER WEST CHILLER REPLACEMENT	ROSEMOUNT	MN	CTV 10.0
Vancouver, British Columbia	CTD665A	L05M05541	UNBC CHILLER UPGRADE - CT61555	PRINCE GEORGE	*	CTV 10.0
Vancouver, British Columbia	CTD665B	L05M05543	UNBC CHILLER UPGRADE - CT61555	PRINCE GEORGE	*	CTV 10.0
Washington D.C.	E2D011A	L05G03367	PORTALS 3 - RWT	WASHINGTON	DC	CTV 10.0
Washington D.C.	E2D011B	L05G03372	PORTALS 3 - RWT	WASHINGTON	DC	CTV 10.0
Washington D.C.	E2D415A	L05F02953	CAPITAL GALLERY ADDITION -	CAPITOL HEIGHTS MD		CTV 10.0
Washington D.C.	E2D415B	L05F02956	CAPITAL GALLERY ADDITION -	CAPITOL HEIGHTS MD		CTV 10.0
Washington D.C.	E2E057A	L05L05100	1101 NEW YORK AVENUE	CAPITOL HEIGHTS MD		CTV 10.0
Washington D.C.	E2E057B	L05L05101	1101 NEW YORK AVENUE	CAPITOL HEIGHTS MD		CTV 10.0
Washington D.C.	E2E057C	L05L05094	1101 NEW YORK AVENUE	CAPITOL HEIGHTS MD		CTV 10.0
Washington D.C.	E2E143A	L05J03932	NGA	TEMPLE HILLS	MD	CTV 10.0
Washington D.C.	E2E143B	L05J03937	NGA	TEMPLE HILLS	MD	CTV 10.0
Washington D.C.	E2H771A	L05G03523	OXFORD MANOR	WOODBIDGE	VA	CTV 10.0
Washington D.C.	E2J577A	L05J03960	VERIZON SILVER SPRING 500 TON CTV	WASHINGTON	DC	CTV 10.0
Washington D.C.	E2J658A	L05L05229	GSA CHILLER REPLACEMENT, 7TH & D	WOODBIDGE	VA	CTV 10.0
Washington D.C.	E2K877A	L05L05251	ACC3 CHILLER PLANT	WOODBIDGE	VA	CTV 10.0



Sales Office	Sales Order	Unit Serial	Job Name	City	St.	Software
Washington D.C.	E2K877B	L05L05253	ACC3 CHILLER PLANT	WOODBIDGE	VA	CTV 10.0
Washington D.C.	E2K877C	L05L05271	ACC3 CHILLER PLANT	WOODBIDGE	VA	CTV 10.0
Washington D.C.	E2K877D	L05L05244	ACC3 CHILLER PLANT	WOODBIDGE	VA	CTV 10.0
Washington D.C.	E2K877E	L05L05272	ACC3 CHILLER PLANT	WOODBIDGE	VA	CTV 10.0
Washington D.C.	E2K877F	L05L05276	ACC3 CHILLER PLANT	WOODBIDGE	VA	CTV 10.0
Washington D.C.	E2L179A	L05L05181	JAPANESE EMBASSY	UPPER MARLBORO	MD	CTV 10.0
Washington D.C.	E2M476B	L06E02436	SOUTH LAKES HS	ALEXANDRIA	VA	CTV 10.0
Washington D.C.	E2N422B	L06C01287	AMAZON LOUDOUN PARKWAY	CAPITOL HEIGHTS	MD	CTV 10.0
Washington D.C.	V5Z967A	L06A00343	BALL - DELRAN, NJ	WINCHESTER	VA	CTV 10.0
West Palm Beach	H6H682A	L06B00820	GOOD SAM HOSPITAL NEW CHILLER PLANT	WEST PALM BEACH	FL	CTV 10.0
West Palm Beach	H6H768A	L05M05570	CC-A ELEMENTARY/MIDDLE SCHOOL	FORT PIERCE	FL	CTV 10.0
West Palm Beach	H6H768B	L05M05579	CC-A ELEMENTARY/MIDDLE SCHOOL	FORT PIERCE	FL	CTV 10.0
West Palm Beach	H6H806A	L06A00333	FAU/SCRIPPS PHASE 2	JUPITER	FL	CTV 10.0
Wichita	Q1S654A	L05F02791	BOEING CCA PHASE 2 4500 TON CHILLER PLANT	WICHITA	KS	CTV 10.0
Wichita	Q1S654B	L05F02877	BOEING CCA PHASE 2 4500 TON CHILLER PLANT	WICHITA	KS	CTV 10.0
Wichita	Q1S654C	L05F02909	BOEING CCA PHASE 2 4500 TON CHILLER PLANT	WICHITA	KS	CTV 10.0
Wichita	Q1S964A	L05M05551	BOEING 23L CHILLER PLANT RENOVATION (10-05-05)	WICHITA	KS	CTV 10.0
Wichita	Q1S965A	L05M05549	BOEING 23L CHILLER PLANT RENOVATION (10-05-05)	WICHITA	KS	CTV 10.0
Wichita	Q1T176A	L06E02460	GCCC 633 TON CHILLER	GARDEN CITY	KS	CTV 10.0
Winnipeg, Manitoba	CNA516A	L05J03964	BIOVAIL EXPANSION 2005	STEINBACH	*	CTV 10.0
Winnipeg, Manitoba	CNA516B	L05J04047	BIOVAIL EXPANSION 2005	STEINBACH	*	CTV 10.0
Winnipeg, Manitoba	CNA582A	L05M05607	COURTS OF ST JAMES - CHILLER REPLACEMENT	WINNIPEG	*	CTV 10.0
Winnipeg, Manitoba	CNA582B	L05M05609	COURTS OF ST JAMES - CHILLER REPLACEMENT	WINNIPEG	*	CTV 10.0

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## Questions

Contact the Product Technical Service department with questions regarding this Service Bulletin. They can be reached at:

1-877-78-TRANE or e-mail at [TechService@trane.com](mailto:TechService@trane.com)



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Literature Order Number	CTV-SVC31C-EN
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Date	April 2007
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Supersedes	CTV-SVC31B-EN
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Trane has a policy of continuous product data and product improvement and reserves the right to change design and specifications without notice. Only qualified technicians should perform the installation and servicing of equipment referred to in this bulletin.