
Exploring the Central Plant Chillers

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Taking A Closer Look at a Chiller
Exercise

We have looked at Chiller 1 (left)

• Is Chiller 2 identical?
• If not, what are the differences?
Chiller 1
Chiller 2
Model CVHF 0570
Serial Number L07003608

Electrical Characteristics
Rated Voltage: 480 Volts 60 Hz 3 PH
Nameplate NM KN: 308.20
Voltage Utilization Range: 414 - 808 VAC
Minimum Circuit Amperage: 417 Amps
Maximum Overcurrent Protective Device: 600 Amps
Primary RLK: 400 Amps

General Characteristics
Refrigerant system to be filled charged with 5500 lb of R-123
Maximum Refrigerant Working Pressure
Hi Side: 65 psig
Lo Side: 18 psig
Factory Test Pressure
Hi Side: 45 psig
Lo Side: 40 psig
Field Leak Test Pressure: 8 psig Max.

Product Description
PCLT-LAX
MODL-CVHF
NTG-070
CNRF-40FV
NDP-NO
FRIE-04
SRTY-144
HRZS-40
MDT-480
ENCL-STD
VOLT-380
CFKW-3080
CFNM-173
EVSZ-080L

Evrs-740
EVTM-348
EVTH-26
EVTM-348
EVTM-348
EVTM-348
EVTM-348
CDSE-300
CDSE-300
CDTM-MC
CTRS
CTRD
CDW-10
CDW-10
TSRTY-STG
CDP-TDFP
CQRT-72R
TBT-4AS
TTL-4AS
FTST-18B
AST-NO
CROMHLV
INB-NO
CGRA-YES
CFPO-K129