



WEST COAST CHILLERS

INSPECTION & OPERATIONAL REPORT

CHILLER INFORMATION

MODEL #: YCIV0197EA46VABBXTXXXXXLXXXX44SXXXXXHXXXSAXLBXX5XXXXXXJ1XXXX
TYPE: AIR COOLED SCREW CHILLER
BRAND: YORK
MAN. DATE: 7/26/2017
S/N: 11551G76294832
VOLTS/HZ/PH: 460/60/3
CHILLER DIMENSIONS: W 8.5' x L 24.5' x H 8.5'
CHILLER WEIGHT: 20,000 LBS

CHILLER OPERATING DATA

TEST RUN DATE: 8/20/2026
VOLTS L1/L2: 481 **L1/L3:** 482 **L2/L3:** 482
SYS 1. SUPERHEAT: 8.0°F **EXV / DRAIN VALVE POSITION:** 30.8%
SYS 2. SUPERHEAT: 7.8°F **EXV / DRAIN VALVE POSITION:** 36.1%

ID		COMPRESSOR MAKE/ MODEL				RUNNING AMPS	
C1	C2	CIRCUIT 1		CIRCUIT 2		C1	C2
1A	2A	MODEL # MTS36SAAD4601200 S/N 11551F76555429		MODEL # MTS36SAAD4601200 S/N 11551F76555430		130 @ 168HZ	130 @ 161HZ
OIL: F	OIL: F	HOURS: 22,549	CCH: YES	HOURS: 12,773	CCH: YES		
OIL:	OIL:	HOURS:	CCH:	HOURS:	CCH:		
OIL:	OIL:	HOURS:	CCH:	HOURS:	CCH:		

REFRIGERANT TYPE: ☐ R410A ☐ R407C ☐ R717 ☒ R134A ☐ R22 ☐ R404A

REFRIGERANT LEVEL: 217 LBS. PER SYSTEM

AMBIENT TEMP: 93°F
SETPOINT: 10°F
LEAVING CHILLER: C1 11.2°F / C2 9.9°F
ENTER/ RETURN: C1 14.3°F / C2 12.8°F
MINIMUM SETPOINT: 0°F
PUMP 1 HP/AMPS: 16.1 / 17.0 / 17.1
PUMP 2 HP/AMPS:
FLOW SWITCH: ELECTRONIC
HEAT EXCHANGER: BRAZED PLATE
METERING DEVICE: EXV



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CONDENSER FANS

CONDENSER FIN CONDITION:

☒ VERY GOOD ☐ GOOD ☐ OK

NUMBER OF FANS: 10, 5 PER CIRCUIT

CONDENSOR FAN RUNNING AMPS					
	FAN 1	FAN 2	FAN 3	FAN 4	FAN 5
CIRCUIT 1	2.79	2.81	2.80	2.82	2.80
CIRCUIT 2	2.79	2.77	2.75	2.77	2.80

INSPECTION NOTES:

- EVACUATED SYSTEM 1 & 2 TO 350 MICRONS
- CHARGED EACH SYSTEM WITH 217 LBS OF NEW R-134A
- CHANGED OIL FILTER ON SYSTEM 2
- REPAIRED LEAKING PRESSURE RELIEF VALVE ON SYSTEM 1 OIL SEPARATOR
- RAN SYS. 1 & SYS. 2 TO FULL LOAD & PULLED DOWN TO 10°F SETPOINT.
- MONITORED COMPRESSOR AMP DRAW & CONDENSER FAN AMP DRAW.
- OBSERVED OPERATION OF EXV, FLASH ECONOMIZER FEED VALVE, & DRAIN VALVE. CHILLER OPERATES AS IT SHOULD.
- SEE OPERATIONAL VIDEO