

 BY JOHNSON CONTROLS		MODEL – YVAA
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OPERATING LOG SHEET SITE AND CHILLER INFORMATION

JOB NAME: _____

LOCATION: _____

TECHNICIAN NAME: _____

SALES ORDER #: _____ YORK ORDER #: _____ YORK CONTRACT #: _____

CHILLER _____

MODEL #: _____	CHILLER SERIAL #: _____
COMPRESSOR #1 MODEL #: _____	COMPRESSOR #2 MODEL #: _____
COMPRESSOR #1 SERIAL #: _____	COMPRESSOR #2 SERIAL #: _____

A. PROGRAMMED SETPOINT VALUES

Chilled Liquid Setpoint

Setpoint °F (°C)

Range °F (°C)

Remote Temperature Setpoint °F (°C)

B. PROGRAMMED OPTIONS

Display Language

Chilled Liquid Mode

Local/Remote Mode

Display Units

Lead/Lag Control

Remote Temperature Reset Input ...

Remote Current Reset Input

Remote Sound Limit Input

Low Ambient Cutout

C. PROGRAMMED CUTOUTS/LIMITS

Suction Press Cutout PSIG (kPa)

Low Ambient Cutout °F (°C)

Leaving Chilled Liq Temp Cutout .. °F (°C)

Motor Current Limit % FLA

Pulldown Current Limit % FLA

Pulldown Current Limit Time..... MIN

D. VSD OPERATING DATA

Chilled Liquid Temperatures

Entering Temperature °F (°C)

Leaving Temperature °F (°C)

Outdoor Ambient Temperature

OAT °F (°C)

VSD DC Bus Voltage

Bus 1 VDC

VSD Frequency

	SYSTEM 1	SYSTEM 2
Actual.....	<input type="text"/>	<input type="text"/>
Command.....	<input type="text"/>	<input type="text"/>

Hz

VSD Internal Ambient Temperature

Ambient Temperature °F (°C)

VSD Cooling System Status

ON OFF

VSD IGBT Baseplate Temps

T1 °F (°C)

T2 °F (°C)

VSD Compressor Current

SYSTEM 1	SYSTEM 2
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Amps
%FLA

E. SYSTEM OPERATING TEMPERATURES, PRESSURES, CURRENTS

Chilled Liquid Temperature

Entering Temperature °F (°C)
Leaving Temperature °F (°C)

System Pressures

	SYSTEM 1	SYSTEM 2	
Oil	<input type="text"/>	<input type="text"/>	PSIG(kPa)
Suction.....	<input type="text"/>	<input type="text"/>	PSIG(kPa)
Discharge	<input type="text"/>	<input type="text"/>	PSIG(kPa)
Cond Liquid	<input type="text"/>	<input type="text"/>	PSIG(kPa)

Motor Temperatures

	SYSTEM 1	SYSTEM 2	
T1	<input type="text"/>	<input type="text"/>	°F (°C)
T2	<input type="text"/>	<input type="text"/>	°F (°C)
T3	<input type="text"/>	<input type="text"/>	°F (°C)

Compressor Speed

	SYSTEM 1	SYSTEM 2	
Speed	<input type="text"/>	<input type="text"/>	%
Compressor Heater (ON/OFF)	<input type="text"/>	<input type="text"/>	

System Temperatures

	SYSTEM 1	SYSTEM 2	
Oil	<input type="text"/>	<input type="text"/>	°F (°C)
Eductor	<input type="text"/>	<input type="text"/>	°F (°C)
Cond Liquid	<input type="text"/>	<input type="text"/>	°F (°C)
Subcooling.....	<input type="text"/>	<input type="text"/>	°F (°C)
	SYSTEM 1	SYSTEM 2	
Sat Discharge Temp	<input type="text"/>	<input type="text"/>	°F (°C)
Discharge Temp.....	<input type="text"/>	<input type="text"/>	°F (°C)
Discharge Superheat...	<input type="text"/>	<input type="text"/>	°F (°C)

F. SYSTEM OPERATING CONDITIONS

Economizer Valve % Open

	SYSTEM 1	SYSTEM 2	
Economizer.....	<input type="text"/>	<input type="text"/>	%

Condenser Drain Valve % Open

	SYSTEM 1	SYSTEM 2	
Drain Valve	<input type="text"/>	<input type="text"/>	%

System Run Time

	DAYS	HOURS	MIN	SEC
System 1.....	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
System 2.....	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

VSD Fan Speed (If applicable)

	SYSTEM 1	SYSTEM 2	
Fan Speed	<input type="text"/>	<input type="text"/>	%

Condenser Fan Stage (0-4) (If applicable)

SYSTEM 1	SYSTEM 2
<input type="text"/>	<input type="text"/>

VI Step Solenoid

VI Step SOL 1..... (ON/OFF)
VI Step SOL 2..... (ON/OFF)

Oil Separator Level

Check oil separator oil levels

	SYSTEM 1	SYSTEM 2
Oil Level	<input type="text"/>	<input type="text"/>

Evaporator Level

Evaporator Refrigerant Level

	SYSTEM 1	SYSTEM 2
Refrigerant Level in Sight Glass	<input type="text"/>	<input type="text"/>

G. WATER SYSTEM CONDITIONS

Evaporator Flow

Flow Rate

<input type="text"/>	GPM
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Evap Pressure Drop .. FT / LBS (circle one)
Glycol Freeze Point

<input type="text"/>	°F (°C)
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H. CONDENSER CONDITIONS

Air Temperature

Air On Temperature

<input type="text"/>	°F (°C)
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Air Off Temperature

<input type="text"/>	°F (°C)
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