



BY JOHNSON CONTROLS

YLAA SCROLL CHILLER

AIR-COOLED LOG SHEET

**...AN ENERGY-SAVING
approach to your
Service needs...**

ISSUE DATE:
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FORM 150.72-MR1 (314)
New Release



BY JOHNSON CONTROLS

MAINTENANCE REQUIREMENTS FOR YLAA CHILLERS

PROCEDURE	WEEKLY	QUARTERLY	SEMI-ANNUALLY	YEARLY	EVERY * __ HRS
Check the oil level in the compressor oil level sight glass.	X				
Check liquid line sight glass / moisture indicator.	X				
Record system operating pressures and temperatures.	X				
Check programmable operating set points and safety cutouts and assure they are correct for the particular application.		X			
Check condenser coils for dirt / debris and clean if necessary.	X				
Check compressor superheat on evaporator and condenser subcooling ¹ .			X		
Check compressor heaters for operation. (Also check evaporator heaters - YCAL only)		X			
Sample compressor oil and replace if necessary ¹ .				X	
Leak check the chiller ¹ .				X	
Disconnect the power source and lock out; check tightness of power wiring connections ¹				X	
	Refer to manufacturer's recommendations				




* Reserved for customer use for any special site determined requirements.

¹ This procedure must be performed at the specified time interval by an Industry Certified Technician who has been trained and qualified to work on this type of JCI equipment. A record of this procedure being successfully carried out must be maintained on file by the equipment owner should proof of adequate maintenance be required at a later date for warranty validation purposes.

YLAA SCROLL AIR-COOLED LIQUID CHILLER LOG SHEET

YORK Order No. _____
Unit Serial No. _____

Model Number: _____
Compr. #1 Ser. # _____
Compr. #2 Ser. # _____
Compr. #3 Ser. # _____
Refrigerant _____
































Date												
Time												
Hour Meter Reading												
Equipment Room Temp. / Outdoor Temp.			/	/	/	/	/	/	/	/	/	/
Compressor Pressure & Temperatures	Suction Pressure, Saturated											
	Suction Temperature											
	Suction Superheat											
	Discharge Pressure, Saturated											
	Discharge Line Temperature											
	Discharge Superheat											
	Condensing Pressure, Saturated											
	Condensing Temperature											
Subcooling at Condenser Outlet												
Compressor Oil Level	Compressor #1	Examples:   	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Compressor #2		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Compressor #3		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Added Oil (Gallons or Liters)											
Chiller HX (GPM)	DX Coil (FPM)	Inlet Temperature, °F DB										
		Outlet Temperature, °F DB										
		Flow Rate (GPM___ or FPM___)										
		HGBP "On" Temp, °F DB										
Condenser	Air	Air-On Temperature, °F DB										
		Air-Off Temperature, °F DB										
	Number of Fans Running											
	Condensing Head Pressure											
Remarks:												

YLA A SCROLL

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Date												
Time												
Hour Meter Reading												
Equipment Room Temp. / Outdoor Temp.			/	/	/	/	/	/	/	/	/	/
Compressor Pressure & Temperatures	Suction Pressure, Saturated											
	Suction Temperature											
	Suction Superheat											
	Discharge Pressure, Saturated											
	Discharge Line Temperature											
	Discharge Superheat											
	Condensing Pressure, Saturated											
	Condensing Temperature											
Subcooling at Condenser Outlet												
Compressor Oil Level	Compressor #1	Examples: 										
	Compressor #2											
	Compressor #3											
	Added Oil (Gallons or Liters)											
Chiller HX (GPM)	DX Coil (FPM)	Inlet Temperature, °F DB										
		Outlet Temperature, °F DB										
		Flow Rate (GPM___ or FPM___)										
		HGBP "On" Temp, °F DB										
Condenser	Air	Air-On Temperature, °F DB										
		Air-Off Temperature, °F DB										
	Number of Fans Running											
	Condensing Head Pressure											

Remarks: