

# ***DATAPACK***

**KOOLANT KOOLER TEAM**

**QUALITY ASSURANCE PROGRAM**

**Serial: 17370**

**Customer: EATON**

**Model: HOV15000PR-MB-NF**

**Voltage: 460                      Other**

**Phase: 3                      Cycle: 60**

**Red Folder Product?    No    Yes...**

**Red Folder Revision Date (match to effective date for 07)   /  /**

4a. Test Stand

Serial No. 17370

Inventory No. 0707015000989

	<u>SPECIFIED</u>	<u>TESTED</u>
REFRIG TYPE	R-22	<u>R22</u>
REFRIG POUNDS	30Lbs.	<u>30</u>
FLUID TYPE	Water	<u>WATER</u>
	32SSU	
AMBIENT TEMP	50-95°F	in <u>81.5</u>
OPTICS TEMP	°F	out <u>70.7</u>
FLUID OPERATING TEMP	70°F	delta <u>10.8</u>
TANK CAPACITY	100GAL.	TESTED AT: <u>460v</u> 50 HZ <u>60 HZ</u>

	HEAD PRESS. RANGE	HEAD PRESS. ACTUAL	SUCTION PRESS. RANGE	SUCTION PRESS. ACTUAL	BTU/HR RATED	BTU/HR ACTUAL	ENG. OK'D
COMP. 1	<u>180-300</u>	<u>240</u>	<u>50-55</u>	<u>88</u>	<u>209000</u>	<u>216,000</u>	
COMP. 2							

	SUPERHEAT RANGE	SUPERHEAT ACTUAL	COMP. OIL PRESS. RANGE	COMP. OIL PRESS. ACTUAL	COMP. OIL TRIP TIME	ENG. OK'D
COMP. 1	<u>10-12</u>	<u>17</u>				<u>Subcooling 25</u>
COMP. 2						

	LOW PRESS. SET IN/OUT	LOW PRESS. ACTUAL IN/OUT	HIGH PRESS. SET IN/OUT	HIGH PRESS. ACTUAL IN/OUT
COMP. 1	<u>50/25</u>	<u>50/25</u>	<u>/410</u>	<u>400</u>
COMP. 2				

	TEMP. SET ON/OFF	TEMP. ACTUAL ON/OFF	WATER REG. VALVE 1 SHUT OFF PRESS. SET/ACTUAL	WATER REG. VALVE 2 SHUT OFF PRESS. SET/ACTUAL
COMP. 1	<u>70/67</u>	<u>70/67</u>		
COMP. 2				

	RLA	L1	L2	L3	OVERLOAD SIZE/SETTING
COMP. 1	<u>28.4</u>	<u>24.3</u>	<u>22.4</u>	<u>21.3</u>	<u>33.0</u>
COMP. 2					

	RLA	SERVICE FACTOR	S.F. AMPS	L1	L2	L3	O.L. SIZE/SETTING	TOTAL PUMP FLOW GPM	REQ'D/ACTUAL PROCESSES FLOW GPM	REQ'D/ACTUAL HEAD PRESS
PUMP 1	4.8			4.2	4.3	4.3	6.0	40	40/40	50/50
PUMP 2										
PUMP 3										
PUMP 4										

	ACTUAL INLET PRESSURE	ACTUAL OUTLET PRESSURE
CLEANABLE HEAT EXCHANGER		
	MAKE GPM (+/- 20%)	BREAK GPM (+/- 20%)
FLOW SWITCH	36.00/38	30.00/30
FLOW SWITCH	/	/

	RLA	L1	L2	L3	OVERLOAD SIZE/SETTING	SET PRESS. IN/OUT	ACTUAL PRESS. IN/OUT
FAN 1	.85	.6	.6	.6			
FAN 2	.85	.6	.6	.6			
FAN 3	.85	.6	.6	.6			
FAN 4	.85	.6	.6	.6			
FAN 5							
FAN 6							
FAN 7							
FAN 8							

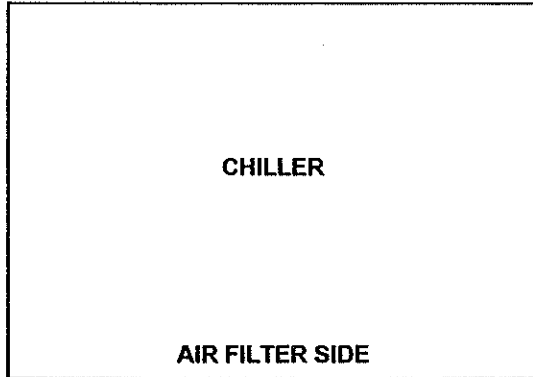
	RLA	L1	L2	L3	SET TEMP. ON/OFF	ACTUAL TEMP. ON/OFF
HEATER 1						
HEATER 2						
HOT GAS 1					69/70	69/70
HOT GAS 2						
LIQUID INJECTION						

# SOUND TEST READINGS

SERIAL NO. 17370

C 76 db  
chiller on full load

B 76 db  
chiller on full load



D 76 db  
chiller on full load

A1 80 db  
chiller on full load

A2 81 db hot gas on  
chiller on, hot gas on

AMBIENT 70 db  
chiller off

Sound meter set on "A" scale, slow response.

Sound readings taken with sound meter 3 feet from chiller, 5 feet off floor.

Ambient readings taken with meter facing chiller in position A with chiller off.