

Document Issued By:	<b>Patrick Graham</b>	Document Number:	<b>QF-8.2-05</b>
Document Issue Date:		Document Revision Level:	<b>Rev-3.3(05/25/07)</b>

# **Dimplex**

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## Thermal Solutions

### **DATAPACK**

#### Quality Assurance Program

Serial Number: 38743

Model: DVI-7500-M



SerialNumber: 38743

Inventory Number: DVI75001SO00DET00 001      Tested By: Don McMahon

Voltage: 460

PH: 3

HZ: 60

### Specifications

#### Specifications

Test	Range	Actual	Test	Range	Actual
Refrig Type	R407C	R407c	Refrig Lbs	18	18
Fluid Type	OIL	oil	Viscosity (SSU at 100F)	166	
Ambient Temp.	50-95	71F	Fluid Operating Temp.	75	75F
Delta Temp.	---	8.7 /10.1			

### Fan

#### Fan

Test	Range	Actual	Test	Range	Actual
RLA	---	.80	L1	---	.71
L2	---	.68	L3	---	.70

#### Fan

Test	Range	Actual	Test	Range	Actual
RLA	---	.80	L1	---	.70
L2	---	.67	L3	---	.72

### Compressor

#### Compressor

Test	Range	Actual	Test	Range	Actual
High Pressure In/Out	/450	450	Low Pressure In/Out	50/25	50/25
Sub Cooling	---	16	Superheat (F)	15-20	19
BTU/HR	90000	95,004 /110.292	Suction Pressure	60-80	69
Head Pressure	175-350	230	Temp Set ON/OFF	77/73	77/73
RLA	---	16.5	L1	---	11.3
L2	---	11.1	L3	---	11.0
Hot Gas Regulator (psi)	60	60psi			

SerialNumber: 38743

## Program

### Program

	Test	Range	Actual		Test	Range	Actual
Program Number Installed		-----	0905085a	Program Revision Installed		-----	1-10-11
Software Version Installed		-----	5.16				

### Notes:

Unit is rated for 90,000 BTU's/hr at 75F fluid temperature. Also rated for 109,500 BTU's/hr at 85F fluid temperature. Check capacities at both temperature settings.

Install test stand DV mixer assembly for test. Unit is to ship with no mixer, but run capacity test with mixer installed.