

REFRIGERANT RECOVERY/RECYCLING EQUIPMENT CERTIFICATION PROGRAM

Program of the Air-Conditioning, Heating and Refrigeration Institute

INSPECTION REPORT

REPORT SERIAL NUMBER: RRRE-11004-1

INSPECTION STATUS: NO SUBSTANTIVE CHANGES - PASS TESTED FOR: AHRI Certification Program for

Refrigerant Recovery/Recycling Equipment

2111 Wilson Blvd., Suite 500

Arlington, VA 22201

UNIT INSPECTED: BACHARACH INC. (MODEL 2000-3700)

UNIT SERIAL NUMBER: QY1016 UNIT TYPE: RECOVERY

REFRIGERANTS: R-134A, R-22 AND R-410A

COMPRESSOR MANUFACTURER: THOMAS

COMPRESSOR MODEL: 2515CK60-314 (TWIN HEAD RECIPROCATING OIL-LESS)

COMPRESSOR SERIAL NO.: 111000002627

MOTOR (BELT/DIRECT DRIVE): DIRECT DRIVE, THOMAS, MODEL C55NXHFT4023, 15.5 AMPS, 1 HP

INLET OIL SEPARATOR TYPE: NONE DISCHARGE SEPARATOR TYPE: NONE

CONDENSER TYPE: FINNED TUBE, 3 ROWS, 7"W x 9"H x 1- $\frac{3}{4}$ "D, 1/4" \rightarrow 5/16" DIA. TUBING CONDENSER FAN TYPE: NMB-MAT, MODEL 5915PC-12T-B30, 32 WATTS, 6" DIA. DUCTED FAN

RECEIVER: NONE

CRO VALVE SETTING/ VERIFIED: NONE, MANUALLY THROTTLED

LABELS: AHRI 740 LABEL, EPA STATEMENT

OTHER COMPONENTS: 3/8" MALE FLARE HOSE CONNECTION PORTS

CONDITION OF UNIT: Unit appears to be new with no observable defects.

DATE INSPECTED: January 31, 2011

INSPECTION PROCEDURE: Certification Program Operational Manual, OM-740 dated March 2000.

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ANDON BUTTON REVIEWED BY: RAMZI AMAWI

SENIOR ASSOCIATE ENGINEER OPERATIONS/ENGINEERING MANAGER

Intertek, ETL Semko 1717 Arlingate Lane Columbus, OH 43228



REFRIGERANT RECOVERY/RECYCLING EQUIPMENT CERTIFICATION PROGRAM

Program of the Air-Conditioning & Refrigeration Institute

TEST REPORT

REPORT SERIAL NUMBER: RRRE-05043-1Q

Manufacturer Decision: Qualifier

TESTED FOR: ARI Certification Program for

Refrigerant Recovery/Recycling Equipment

4100 North Fairfax Drive, Suite 200

Arlington, VA 22203

UNIT TESTED: BACHARACH INC. (MODEL 2000-3700)

UNIT SERIAL NUMBER: KY1001
UNIT TYPE: RECOVERY

FEED METHOD: VAPOR, LIQUID, AND PUSH-PULL

COMPRESSOR TYPE: OIL-LESS RECIPROCATING (RIETSCHLE THOMAS)

COMPRESSOR SERIAL NO.: 070500002035

OIL SEPARATOR TYPE: NONE DRIER TYPE: NONE

CONDITION OF UNIT: Unit appears to be new with no observable defects.

DATES: 11/15/05 11/11/05 11/30/05

Selected Received Tested

TEST METHOD: ARI 740-95, ARI 740-98

ADJUSTMENTS TO METHOD: See Q102, Part 2

SELECTION PROCEDURE: Certification Program Operational Manual, March 2000

NOTICE: These results only apply to the item described in this report, which shall

not be reproduced, except in full, without obtaining prior written approval from Intertek, ETL Semko. No portion of this testing has been subcontracted to other laboratories. All quantified data is traceable to national standards of measurements. The estimated

accuracy of these measurements appears in Q102.

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BRANDON BUTTON REVIEWED BY: ANDY GBUR

Engineering Technician General Manager

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Refrigerant 134a	Unit	Initial	RESULT	RATING	P/F
40° C Recovery Rate	kg/min.		N/A		Qual.
40° C Recovery Vacuum	kPa		N/A		Qual.
Vapor Recovery Rate	kg/min.		0.26		Qual.
Liquid Recovery Rate	kg/min.		2.77		Qual.
Push/Pull Recovery Rate	kg/min.		18.92		Qual.
Recycle Rate	kg/min.		N/A		Qual.
Final Recovery Vacuum	kPa		< 50.53		Qual.
Refrigerant Loss	weight %		N/A		Qual.
Residual Trapped Refrigerant	kg		< 0.05		Qual.
Quantity Recycled	kg				
Acidity	ppm				
Chloride	N/A				
High Boiling Residue	volume %				
Moisture	ppm H ₂ O				
Non-Condensable Gases	volume %				
Particulate	N/A				

REFRIGERANT 22	Unit	Initial	RESULT	RATING	P/F
40° C Recovery Rate	kg/min.		0.42		Qual.
40° C Recovery Vacuum	kPa		< 50.53		Qual.
Vapor Recovery Rate	kg/min.		0.34		Qual.
Liquid Recovery Rate	kg/min.		3.77		Qual.
Push/Pull Recovery Rate	kg/min.		22.91		Qual.
Recycle Rate	kg/min.		N/A		Qual.
Final Recovery Vacuum	kPa		< 50.53		Qual.
Refrigerant Loss	weight %		N/A		Qual.
Residual Trapped Refrigerant	kg		< 0.05		Qual.
Quantity Recycled	kg				
Acidity	ppm				
Chloride	N/A				
High Boiling Residue	volume %				
Moisture	ppm H ₂ O				
Non-Condensable Gases	volume %				
Particulate	N/A				

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40° C Recovery Rate	kg/min.	N/A	Qual.
40° C Recovery Vacuum	kPa	N/A	Qual.
Vapor Recovery Rate	kg/min.	0.38	Qual.
Liquid Recovery Rate	kg/min.	4.25	Qual.
Push/Pull Recovery Rate	kg/min.	24.04	Qual.
Recycle Rate	kg/min.	N/A	Qual.
Final Recovery Vacuum	kPa	< 50.53	Qual.
Refrigerant Loss	weight %	N/A	Qual.
Residual Trapped Refrigerant	kg	< 0.05	Qual.
Quantity Recycled	kg		
Acidity	ppm		
Chloride	N/A		
High Boiling Residue	volume %		
Moisture	ppm H ₂ O		
Non-Condensable Gases	volume %		
Particulate	N/A		

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