



**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 1-3/4"D, 1/4" → 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.

NOTICE:

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.
Document Streamline Registered: G:\Engineering\740 RecRec\2011 tests\Bacharach\RRRE-11004-1


BRANDON BUTTON
SENIOR ASSOCIATE ENGINEER

REVIEWED BY: 
RAMZI AMAWI
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.
Document Streamline Registered: G:\Engineering\740\2005 tests\RRRE-05043-1Q

BRANDON BUTTON
ENGINEERING TECHNICIAN

REVIEWED BY: ANDY GBUR
GENERAL MANAGER

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				

REFRIGERANT 410A	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.	0.38	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		