

Intertek  
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-09025Q-1  
MANUFACTURER DECISION: QUALIFIER - PASS  
TESTED FOR: ARI Certification Program for  
Refrigerant Recovery/Recycling Equipment  
2111 Wilson Blvd., Suite 500  
Arlington, VA 22201

UNIT TESTED: **BACHARACH INC. (MODEL 3800 STINGER)**  
UNIT SERIAL NUMBER: PN1476TN  
UNIT TYPE: RECOVERY  
FEED METHOD: PUSH/PULL, LIQUID, VAPOR  
COMPRESSOR TYPE: BACHARACH INC. MANUFACTURED, RECIPROCATING, OIL-LESS  
COMPRESSOR MODEL: C9A061 P/N: 2045-0621  
COMPRESSOR SERIAL NO.: 1294692  
COMPRESSOR MOTOR: DIRECT DRIVE, TURDAN INDUSTRY, 4 AMPS, 0.8 HP, 3750 RPM  
CONDENSER TYPE: FINNED TUBE, 2 ROWS, 7"W x 6"H x 1-1/4"D, 3/8" DIA. TUBING  
CONDENSER FAN: FULLTECH, MODEL UF-12A11, 12 WATTS, 4-1/2" DIA. DUCTED FAN  
HEAT EXCHANGER TYPE: NONE  
ACCUMULATOR TYPE: NONE  
INLET OIL SEPARATOR TYPE: NONE  
DISCHARGE SEPARATOR TYPE: NONE  
PRESSURE REGULATOR TYPE: NONE, MANUALLY THROTTLED  
DRIER TYPE: NONE  
OTHER COMPONENTS: 1/4" MALE FLARE HOSE PORTS, HP SWITCH 550 PSI, VACUUM SWITCH 12" HG  
CONDITION OF UNIT: The unit appears to be new with no observable defects.

DATES: April 17, 2009                      April 6, 2009                      April 17-21, 2009  
Selected                                      Received                                      Tested

TEST METHOD: ARI 740-98  
ADJUSTMENTS TO METHOD: See Q102, Part 2  
SELECTION PROCEDURE: Certification Program Operational Manual, OM-740 dated 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. 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  
SENIOR ASSOCIATE ENGINEER

RAMZI AMAWI  
OPERATIONS/ENGINEERING MANAGER

**REFRIGERANT 22**

<b>CERTIFIED RATINGS</b>	<b>UNIT</b>	<b>INITIAL</b>	<b>RESULT</b>	<b>RATING</b>	<b>P/F</b>
Push/Pull Liquid Refrigerant Recovery Rate	kg/min		6.10	5.58	Pass
Liquid Refrigerant Recovery Rate	kg/min		1.98	1.60	Pass
Vapor Refrigerant Recovery Rate	kg/min		0.16	0.13	Pass
Shut Off Vacuum Level (absolute pressure)	kPa		62.04	62.04	Pass
High Temperature Vapor Recovery Rate	kg/min		0.17	0.13	Pass
Residual Trapped Refrigerant After Clearing	kg		<0.05	<0.05	Pass
Refrigerant Loss	% (weight)				
Recycle Flow Rate	kg/min				
Chlorides	pass/fail				
Particulates	pass/fail				
Moisture / Water Content	ppm (weight)				
Acidity	ppm (weight)				
High Boiling Residue	% (volume)				
Non-Condensables	% (volume)				
Quantity Recycled at Filter Change	kg				

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**THIS EQUIPMENT HAS BEEN CERTIFIED BY AHRI TO  
MEET EPA'S MINIMUM REQUIREMENTS FOR  
RECOVERY EQUIPMENT INTENDED FOR USE WITH  
R-22 HIGH PRESSURE APPLIANCES NORMALLY  
CONTAINING LESS THAN 200 LBS.**