

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-09026Q-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 410A

CERTIFIED RATINGS	UNIT	INITIAL	RESULT	RATING	P/F
Push/Pull Liquid Refrigerant Recovery Rate	kg/min		7.39	6.63	Pass
Liquid Refrigerant Recovery Rate	kg/min		1.48	1.37	Pass
Vapor Refrigerant Recovery Rate	kg/min		0.14	0.10	Pass
Shut Off Vacuum Level (absolute pressure)	kPa		57.30	57.30	Pass
High Temperature Vapor Recovery Rate	kg/min			N/A	
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				

THIS EQUIPMENT HAS BEEN CERTIFIED BY AHRI TO MEET EPA'S MINIMUM REQUIREMENTS FOR RECOVERY EQUIPMENT INTENDED FOR USE WITH R-410A HIGH PRESSURE APPLIANCES NORMALLY CONTAINING LESS THAN 200 LBS.