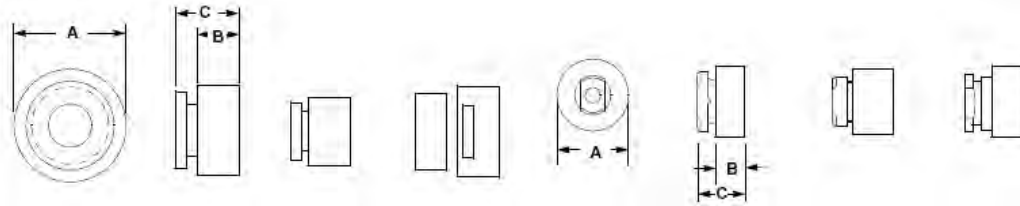


COMPRESSORS, CHILLERS & CONDENSERS

HERMETIC COMPRESSOR ACCESSORIES

COMPRESSOR GROMMETS



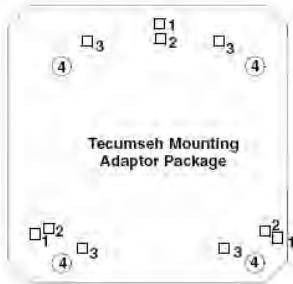
SPEC NO	RCD PART NO*	'A' GROMMET DIAMETER (in)	'B' SUPPORT HEIGHT (in)	'C' GROMMET HEIGHT (in)	STYLE AND TYPE	DUROMETER HARDNESS	COMPRESSOR USAGE
KA56CR073	P041-5101	1.25	.72	1.16	A-3	30-35	CAR-J; COPE.
KA56CR078	P041-5102	1.25	.72	1.16	B-2	45-50	COPE.
KA56CR079	P041-5103	1.62	.75	1.16	B-1	35-45	COPE.
KA56TR014	P041-5104	1.25	.375	.6875	A-1	45-50	TEC.; CAR-J,P
KA56TR017	P041-5105	1.25	.593	.906	A-1	37	TEC.-AJ, AH
KA56TR052	P041-5106	1.25	.625	.937	A-1	37	TEC.
KA56TR053	P041-5107	1.44	.81	1.125	A-1	37	TEC.AB,AH,AJ,AV,AW
KA56TR055	P041-5108	1.625	1.156	1.437	A-2	37	TEC.-AG
KA56TR060	P041-5109	1.625	.84	1.434	B-3	37	TEC.-AK,RK
KA56ME012	P041-5110	1.500	1.22	1.500	A-4	45	MITSUBISHI
KA56CROBO	P041-5111	1.25	.72	1.16	B-2	60-70	COPE.
KA56CR082	P041-5112	1.25	.72	1.16	B-2	25-30	--
KA56TR062	P041-5113	1.625	.84	1.434	B-3	37	TEC.-AK,RK
KA56CR084	P041-5114	1.25	.72	1.16	B-1	45-55	COPE.
WS821A4904	P041-5115	1.535	.875	1.42	B-4	--	DAEWOO-CARRIER

*All are packaged in quantities of (12). (P041-5109 will S/S to P041-5113; when P041-5109 stock is exhausted.)

TECUMSEH MOUNTING GROMMET PACKAGES

SPEC NO	RCD PART NO*	COMPRESSOR USAGE
LP99	P041-5001	TECUMSEH AB, AH, AG Mounting grommet Pkg.
LP15	P041-5002*	TECUMSEH AJ Mounting grommet Pkg.
LP29	P041-5003	TECUMSEH CL/AG Mounting grommet Pkg.

*Limited to stock on hand.



TECUMSEH MOUNTING ADAPTOR PACKAGES

Adaptor Kit Contents

HOLE #	DESCRIPTION	VENDOR NO.	P/N
1	Holes for mounting P or 3 & 4 cylinder R compressors. (G - mount)	Lis. Mfg.	P041-4003
2	Holes for mounting 2 cylinder R compressors (F - mount)		
3	Holes for "B" mount compressors. 8 inch x 4-13/16 inch		
4	Holes standard "A" mount. 7-1/2 inch x 7-1/2 inch		

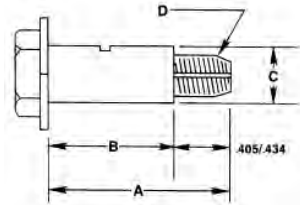
Adaptor Kit Contents

- 8 Grommets
- 8 Sleeves
- 4 Carriage Bolts 5/16-18 x 1-3/4
- 4 Lock Washers
- 4 Flat Washers 5/16 Inch x 3/4 Inch
- Instruction sheet.

COMPRESSORS, CHILLERS & CONDENSERS

HERMETIC COMPRESSOR ACCESSORIES

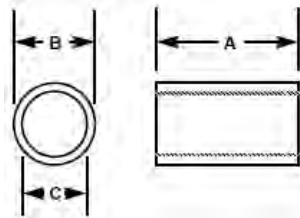
COMPRESSOR BOLTS



SPEC NO	RCD PART NO*	'A' (in)	'B' (in)	'C' OD (in)	'D' THREAD (in)	COMPRESSOR USAGE
AH01AM210	P041-5301	1.55	1.125	.436	5/16-18-D	--
AH09AM202	P041-5302	.958	.646	.436	5/16-12-B	TEC.; CARL.; COPE.
AH01EM205	P041-5309	2.000	1.500	.418	5/16-18-D	TEC.
AH01AM208	P041-5310	1.375	.875	.470	5/16-18-D	TEC.; TOSHIBA

*All are packaged in quantities of (12).

COMPRESSOR GROMMET SLEEVE



SPEC NO	RCD PART NO*	'A' (in)	'B' OD (in)	'C' ID (in)
KA56TS022	P041-5201	.906	.44	.34

*Packaged in quantities of (12).

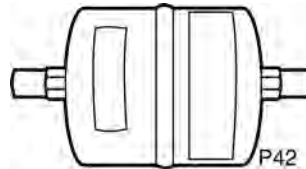
DISCHARGE THERMOSTAT KIT

COPELAND "ZR" SCROLL COMPRESSORS

COPELAND "ZR" SCROLL COMPRESSORS

- Kit contains:
Thermostat, top case, ring and silicone sealer
Copeland P/N: 998-0243-00

RESIDENTIAL MUFFLERS 2 - 5 TON



RCD PART NO*	NOM TON CAR	OD (in)	INLET* DIM (in)
LM10KH001	2	2-5/16	3/8
LM10HK010	3	2-15/16	1/2
LM680001	5	3	1/2

*Inlet and outlet dimensions are specified as I.D. unless otherwise indicated.

**90° elbow in inlet.

- Supersedes LM10HK001, 002.

COMPRESSORS, CHILLERS & CONDENSERS

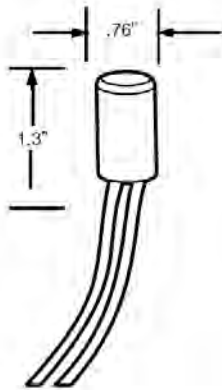
HERMETIC COMPRESSOR ACCESSORIES

CRANKCASE HEATERS

- Wrap around style...conforms to hermetic compressor shape



P39



P40

SPEC NO	RCD PART NO*	OUTLET DIM (in)	WATTS (HOT)	MAX VOLTS	VOLTS	LEAD LENGTH (in)
HT32BH115	P041-4411	--	40	120	24	A
HT32BH820	P041-4412	--	40	120	120	B
HT32BH274	P041-4422	TEC-AK	40	240	36	D
HT32BH246	P041-4423	TEC-AJ/COPE-RR, SR	40	240	50	E
HT32ES515	P041-4443**	CAR-SC,SR/COPE ZRK	40	240	50	D
HT32CH234A	P041-4424	CAR-J, W/COP-SR, HIT-RHC	40	240	50	H
HT32BH734	P041-4441	COPE-RR, SR	40	460	45	E
HT32CH734A	P041-4442	CAR-J, W/COPE-SR, HIT-RHC	40	460	50	H
HT32ES717	P041-4444**	CAR-SC, SR/COPE ZRK	40	460	50	D
HT32BH970	HT32BH970	CARLYLE SC/SR75-94	70	120	14	7.25"
HT32BH857	HT32BH857	CARLYLE SC/SR75-94	70	240	68	7.25"
HT32BH858	HT32BH858	CARLYLE SC/SR75-94	70	480	68	7.25"
HT32BH228	P041-4721	COPE-BR	70	240	34	F
HT32BH904	P041-4741	COPE-BR	70	480	34	G
HT32BH859	HT32BH859	COPE ZR94-144	90	240	80	9.15"
HT32BH860	HT32BH860	COPE ZR94-144	90	480	80	9.15"
HT32BH852	HT32BH852	COPE ZR16-19M3	70	240	18	11.14"
HT32BH853	HT32BH853	COPE ZR16-19M3	70	480	18	11.14"
HT32BH950	HT32BH950	MANEUROP SM	50	120	14	10.0"
HT32BH975	HT32BH975	MANEUROP SM	75	120	14	12.45"
HT32BH600	HT32BH600	CAR-J	40	277	16	A
HT32BH906	HT32BH906	CAR-W	40	575	72	H
HT32BH907	HT32BH907	CAR-J	40	575	50	H

*= Size A fits circumferences of 24-5/16 to 33-1/2.

Size B fits circumferences of 30 to 39-3/8.

Size D fits circumferences of 20 to 25.

Size E fits circumferences of 23 to 35-1/4.

Size F fits circumferences of 27-7/8 to 39.

Size G fits circumferences of 28-3/8 to 37-1/2.

Size H fits circumferences of 28-3/8 to 35

**Fits both Copeland ZRK-16-72 size and Scroll Technologies 34-61 size Compressors.

PART NO	VENDOR PART NO	OUTLET DIM (in)	USED ON	WATTS	VOLTS
P041-4131	8HT5-507	TEC. AW	25-35	600	32
50QE680-001	9HT5-13	TEC. AG,AV PLUS ALL BRISTOL & COPELAND CR	40-55	600	16

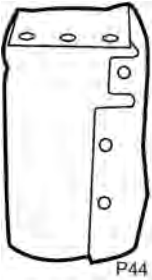
HEAT SINK COMPOUND (1/2 oz. tube)

Part No. : 38AQ680001

COMPRESSORS, CHILLERS & CONDENSERS

HERMETIC COMPRESSOR ACCESSORIES

COMPRESSOR SOUND SHIELD



P44

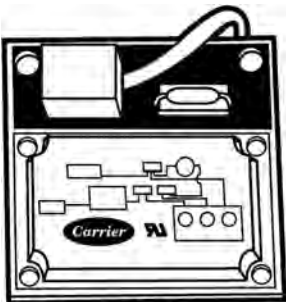
- Compressor sound shield provides sound level reduction
- Constructed of:
 - A. Acoustical polyurethane foam with vinyl covering
 - B. Polyethylene covered fiberglass

PART NO	COMP MODEL USED ON	APPROXIMATE BLANKET HEIGHT (in)	CONST
38ES400384	BRISTOL H23A	14.80	A
314841-401	BRISTOL "H23, 25:24"	16.25	B
320399-401	BRISTOL H-29	15.0	B
326830-401	BRISTOL T-89	17.4	B
310060-401 @	CARLYLE "J"	14.90	A
38UE500874 @	CARLYLE "M"	14.00	A
38UE500894	CARLYLE "P"	14.00	A
321538-401	CARLYLE "SC"	17.40	B
321538-402	CARLYLE "SR"	19.70	B
38EC500314	COPELAND "CR"	13.00	A
318415-401	COPELAND "CRK"	14.50	B
314840-401	COPELAND "CR--4"	14.50	B
312997-401	COPELAND "CR--5"	16.0	B
318414-401	COPELAND "CRK"	13.5	B
315997-401	COPELAND "CRL3"	14.5	B
38QB501484	COPELAND "RE"	11.00	A
38EC500344 @	COPELAND "YRD"	15.00	A
317035-401	COPELAND "ZR18-28"	14.00	B
317037-401	COPELAND "ZR34-42"	15.00	B
316739-401	COPELAND "ZR46-61"	21.40	B
38ED500404	TECUMSEH "AB"	10.62	A
312900-401 *	TECUMSEH "AB-AW"	13.92	A
38EC500334 @	TECUMSEH "AH, AJ"	13.75	A
38EC500564	TECUMSEH "AV"	14.92	A
314776-401 *	TECUMSEH "AV"	14.92	B
318416-401	TECUMSEH "AW"	13.92	B

*Finished Goods Accessories.

@ Limited to stock qty. on hand.

SINGLE FUNCTION TIME GUARD



P45

SIZE: 3.4H x 3.4W x 1.7D

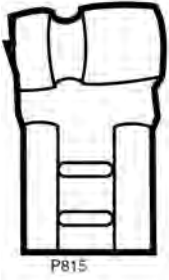
- Time guard II
- Solid state controlled recycle delay timer
- Operation: in the event of any power interruption, Time guard II provides a 5 min. delay which prevents rapid cycling of the compressor
- Wiring diagram is printed on time guard
- Operating volts: 24
- Load current @ 24v-1 amp
- Switching arrangement: SPST-N.O.

PART NO - HN67PA024

COMPRESSORS, CHILLERS & CONDENSERS

HERMETIC COMPRESSOR ACCESSORIES

COMPRESSOR TERMINAL CONNECTOR



- Quick connect designed to fit Hermetic compressor terminal
- P/N: HY61AM094**

ACID/MOISTURE TEST KITS



TOTALTEST® TEST TUBE PART # TT1-002/TT2-002

Chemical crystals react with acid or moisture which may be present in system.

THE TOTALTEST KIT

THE TOTALTEST® KIT INCLUDES:

One **TOTALTEST®** Instrument, Two **TOTALTEST®** Test Tubes and a **TOTALTEST®** Kit case.

STD. PACK OF 6 KITS:

REPLACEMENT TEST TUBE PACK



5 test tubes
Std. Pack of 6 replacement test tube packs

REPAIR KIT

Repair kit includes: plastic holder for instrument, washer
Std. Pack of 6 repair kit

HERMETIC COMPRESSOR ACCESSORIES

ACID/MOISTURE TEST KITS

REPAIR KIT

THE FIRST & ONLY NO-OIL ACID/MOISTURE TEST

TOTALTEST® is the fast, easy and reliable way to test a refrigeration or air conditioning system for corrosive acid and acid-causing moisture. Because **TOTALTEST®** is a self-contained test instrument which needs only a small sample of the gas in a system, you will never need to extract another oil sample again. In just 10 minutes you will know if there is corrosive acid or moisture present in the system.

TOTALTEST® Works As Easy As 1-2-3

1. Insert a test tube in the instrument
2. Attach the **TOTALTEST®** instrument to the unit.
3. In ten minutes, detach the **TOTALTEST®** instrument, remove the disposable test tube and compare it to the chart on the package.

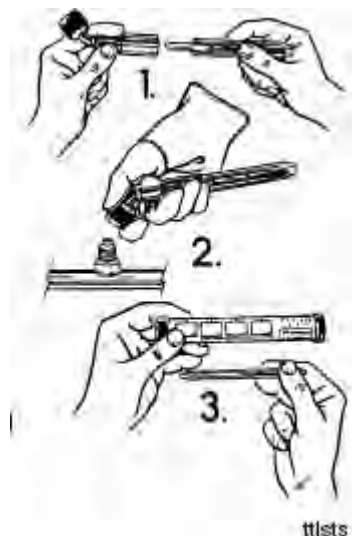
- **TOTALTEST®** doesn't require a system shut-down.
- **TOTALTEST®** works in 10 minutes or less.
- **TOTALTEST®** reads acid and moisture in 1 test.
- **TOTALTEST®** checks the whole system.
- **TOTALTEST®** doesn't need an oil sample
- **TOTALTEST®** tests R-22, R-12, R-500, R-502, & R-11 vapor.

Use **TOTALTEST®** to help prevent a premature refrigeration or air conditioning system breakdown.

Use **TOTALTEST®** to check a system after a compressor replacement.

Use **TOTALTEST®** as part of a maintenance contract, before you take on a new customer and as part of the agreement.

WARNING: This product contains a chemical known to the state of California to cause cancer.



COMPRESSORS, CHILLERS & CONDENSERS

HERMETIC COMPRESSOR ACCESSORIES

755TOTALTEST HFC (Yellow Tubes) MOISTURE TEST

TOTALTEST Instructions:

How to use TOTALTEST for HFC refrigerants:

TOTALTEST for HFC Refrigerants is currently approved for use with R410A only.

Preparation for sampling:

1. Allow unit to run at least 30 minutes.
2. Locate the low-side vapor service port on the air conditioning or heat pump unit.
3. Connect manifold gauges to system service valves.
4. Measure and record the vapor pressure of the system. Ensure that the system pressure is between 80 and 140 psig.
5. Backseat service valve and remove vapor hose.
6. Attach TOTALTEST instrument to unit's vapor service port.
7. With unit still running: slightly open service valve to blow away residual oil or moisture from the TOTALTEST instrument.

CAUTION: Liquid refrigerant or oil will distort test results.

8. Proceed immediately with the next five steps under Measurement Procedure.

Measurement procedure:

9. Remove test tube from pack. Note the direction of the arrow on the tube.
 10. Break off tips of the test tubes, using one end of the pack with small hole provided for this purpose.
- IMPORTANT:** Break off the tip with the "G" mark first.
11. Immediately insert the tube securely against the O-ring in the tube holder, making sure that the arrow is pointing in the direction of flow. Start timing once tube is in place.
 12. Place protective plastic shield over the tube and lock into place.
 13. At the end of recommended test time (see Tube Performance Guidelines section below), remove shield and tube from the holder. Seal the end of the tubes with the test tube caps. Wait 30 seconds before reading stain length to ensure proper reading.
 14. Backseat service valve and detach tube holder from the unit.

NOTE: Chemical bed will turn yellow color to green stain.

Tube performance guidelines calibration scale/testing times

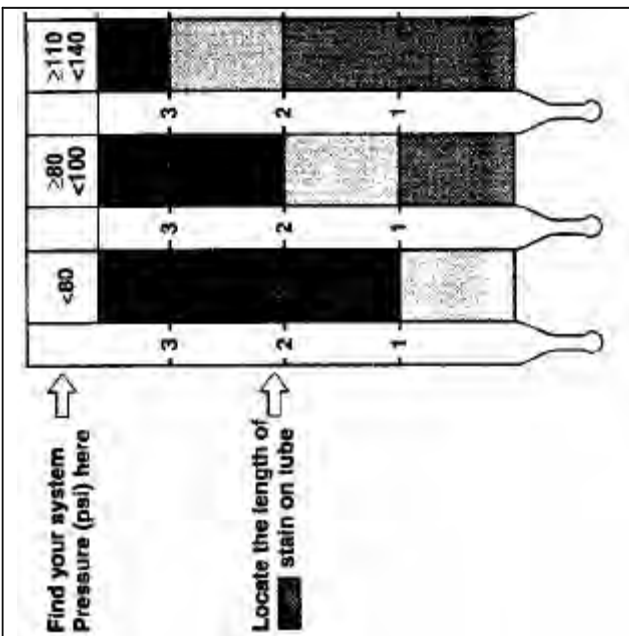
Use the following scales for the following refrigerants and suction pressures:

	Puron™ (R-410A)
Test time: cooling time	90 sec
Test time: heating mode	TBD
1	80 psig
2	110 psig
3	140 psig

Interpretation of results and corrective action

Stain length before line - Acceptable moisture. No action required. Stain length past time - Unacceptable moisture. Action required. Follow clean-up procedure "A" detailed inside the lid of the Totaltest2 case.

NOTE: Chemical bed will turn from gold or yellow color to green stain.



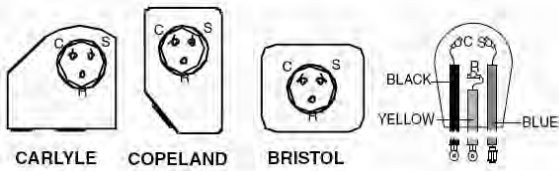
If the length of the stain is in the area of the chart, then **ACTION IS REQUIRED**.
 If the length of the stain is the area of the chart, then **NO ACTION IS REQUIRED**.
 If the length of the stain is in the area of the chart, then **PROCEED WITH CAUTION**.

PART NO	DESCRIPTION
TT1-002	All-in-One Kit. (One Totaltest instrument, 2 Totaltest blue tubes, 2 Totaltest yellow tubes, Kit case)
TT2-002	Standard pack of 6 replacement test tubes (yellow)

COMPRESSORS, CHILLERS & CONDENSERS

HERMETIC COMPRESSOR ACCESSORIES

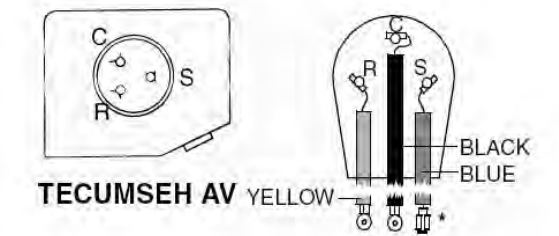
SERVICE COMPRESSOR PLUGS



PLUG PART NUMBER	WIRE GAUGE AWG	WIRE LENGTH		
		BLK	YEL	BLU
312906-413	10	44	44	44
312906-446	10	62	62	62
312906-426	10	92	92	85



PLUG PART NUMBER	WIRE GAUGE AWG	WIRE LENGTH		
		BLK	YEL	BLU
312906-411	14	38	38	50
312906-436	12	44	44	44
312906-422	14	80	80	72



PLUG PART NUMBER	WIRE GAUGE AWG	WIRE LENGTH		
		BLK	YEL	BLU
312906-435	10	38	38	38
312906-428	12	44	44	44
312906-434	14	44	44	56



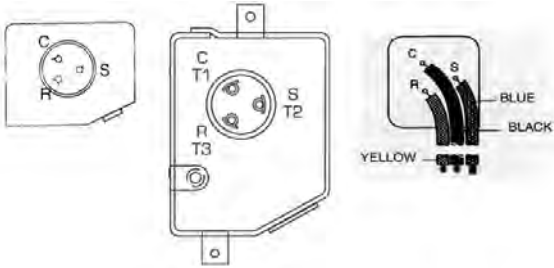
PLUG PART NUMBER	WIRE GAUGE AWG	WIRE LENGTH		
		BLK	YEL	BLU
317749-407	12	52	52	52
317749-415	10	44	44	44

Left side entry

COMPRESSORS, CHILLERS & CONDENSERS

HERMETIC COMPRESSOR ACCESSORIES

SERVICE COMPRESSOR PLUGS



Right side Entry

PLUG PART NUMBER	WIRE GAUGE AWG	WIRE LENGTH		
		BLK	YEL	BLU
312906-452	(2)10 (1)14	54	54	54
312906-455	12	54	54	54



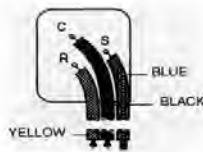
COPELAND SCROLL WITH PIN TERMINALS

PLUG PART NUMBER	WIRE GAUGE AWG	WIRE LENGTH		
		BLK	YEL	BLU
327533-402*	12	54	54	54
324091-411	10	44	44	44
HY07MP240 3Ø	14	70	70	70
324091-412	(2)10 (1)14	54	54	54
HY07MP241 1Ø	(2) 10 (1) 16	70	70	70

*Start lead has pigtail for units with three phase monitor.
Remove pigtail when plug is used in unit without monitor.



COPELAND CR WITH PIN TERMINALS



PLUG PART NUMBER	WIRE GAUGE AWG	WIRE LENGTH		
		BLK	YEL	BLU
324091-412	(2)10(1)14	54	54	54

TERMLOK STAKE ON REPAIR KITS



Part No	AWG	AMPS	APPLICATION
TLC3-12	12	15-20	1.5-3 ton
TLC3-10	10	30	3.0-5.0 ton

Note: TLC 3-8 Available on Request - Contact Marketing