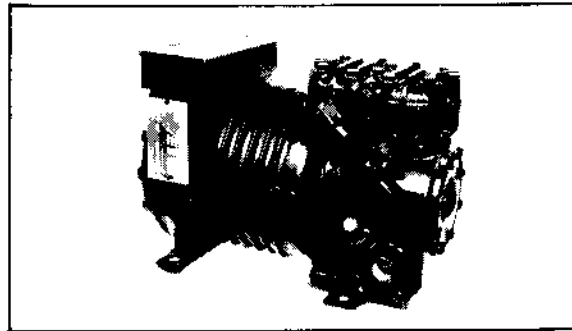


"K" SERIES COPELAMETIC® COMPRESSOR PARTS LIST



FIELD REPLACEMENT PARTS

| Part Description | Part Number | Model Series |
|---------------------------------|-------------|------------------------|
| Valve Plate Kit | 998-0661-16 | All (except KAE) |
| Valve Plate Kit | 998-0661-42 | KAE |
| Gasket Kit | 998-0669-11 | KAG |
| Gasket Kit | 998-0669-12 | KAE, KAH |
| Gasket Kit | 998-0669-13 | KAJ |
| Gasket Kit | 998-0669-14 | KAA, KAK |
| Gasket Kit | 998-0669-15 | KAL, KAT |
| Gasket Kit | 998-0669-50 | KAM, KAN |
| Gaskets: | | |
| Cylinder Head | 020-0643-00 | All |
| Valve Plate | 020-0132-00 | KAJ |
| Valve Plate | 020-0132-02 | KAG |
| Valve Plate | 020-0132-03 | KAE, KAH |
| Valve Plate | 020-0132-04 | KAA, KAK |
| Valve Plate | 020-0132-06 | KAM, KAN |
| Valve Plate | 020-0132-10 | KAL, KAT |
| Bottom Plate | 020-0003-09 | All |
| Housing Cover | 020-0673-00 | All |
| Stator Cover | 020-0647-00 | All |
| Terminal Cluster "O" Ring | 020-0003-02 | All |
| Cylinder Head | 002-0187-00 | All |
| Bottom Plate | 003-0006-00 | All |
| Stator Cover | 505-0158-00 | All* |
| Stator Cover | 005-0474-00 | KAKA&B, KALA&B, KATA&B |
| Sight Glass Kit | 998-0002-04 | All |
| Oil Flinger Kit | 998-0515-01 | All |
| Suction Strainer Screen | 013-0001-00 | All |
| Terminal Box | 062-0003-00 | All |
| Terminal & Relay Box | 062-0071-00 | Where Applicable |
| Terminal Box Cover | 005-0010-00 | All 1 Ø |
| Terminal Box Cover | 505-0070-00 | All 3 Ø |
| Terminal & Relay Box Cover | 005-0181-00 | Where Applicable |
| Terminal Board | 580-0007-00 | All 1 Ø |
| Terminal Board | 580-0003-00 | All 3 Ø |
| Terminal Stud & Insulator Assy. | 521-0003-00 | All (except 1½ HP) |
| Terminal Stud & Insulator Assy. | 521-0020-00 | 1½ HP only |
| Terminal Cluster | 521-0016-00 | All 3 Ø |
| Terminal Plate | 003-0106-00 | All 1 Ø |

* Fourth Digit must be a number 1, 2, etc.

COPELAND CORPORATION Product Service

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of Copeland Corporation, Sidney, Ohio.

Form PS-1058R5
(Supersedes PS-1058R4)
June 1, 1984
Printed in USA

ACCESSORIES

ELECTRICAL ACCESSORIES

| Compressor Model | Voltage | Protector | Start Capacitor (1 req.) | Run Capacitor (014-0037 series is round) (1 req.) | Relay | Current Capacitor and Relay Service Kit |
|--------------------------------------|--------------|-------------|--|--|-------------|--|
| ½ HP | | | | | | |
| KAE/KAG/KAH/KAJ/ KAM/KAN-0050-CAF | 115/1/50 | 071-0092-17 | 014-0008-59 (590-708 MFD @ 110/115 VAC) | 014-0011-04+ (11 MFD @ 330 VAC) | 040-0001-23 | 998-0514-23 |
| KAE/KAG/KAH/KAJ/ KAN-0050-CAG | 230/1/50 | 071-0092-19 | 014-0008-50 (161-193 MFD @ 220 VAC) | 014-0011-01+ (5 MFD @ 330 VAC) | 040-0001-30 | 998-0514-27 |
| KAM-0050-CAG | 230/1/50 | 071-0092-37 | 014-0008-50 (161-193 MFD @ 220 VAC) | 014-0011-01+ (5 MFD @ 330 VAC) | 040-0001-30 | 998-0514-27 |
| KAE/KAG/KAM/ KAN-0050-IAA | 115/1/60 | 071-0092-06 | 014-0008-49 (400-480 MFD @ 110/115 VAC) | — | 040-0001-01 | 998-0514-24 |
| KAE/KAG/KAM/ KAN-0050-IAB | 230/1/60 | 071-0092-05 | 014-0008-61 (88-106 MFD @ 220 VAC) | — | 040-0001-03 | 998-0514-26 |
| KAE/KAG/KAM/ KAN-0050-IAH | 208/1/60 | 071-0092-05 | 014-0008-61 (88-106 MFD @ 220 VAC) | — | 040-0001-03 | — |
| KAE/KAG/KAM/ KAN-0050-TAC | 208/230/3/60 | 071-0090-06 | — | — | — | — |
| ¾ HP | | | | | | |
| KAA/KAG-0075-CAA | 115/1/60 | 071-0092-20 | 014-0008-53 (108-130 MFD @ 125 VAC) | 014-0037-06 (15 MFD @ 370 VAC) | 040-0001-11 | 998-1014-03 |
| KAA/KAG/KAJ/KAK KAL-0075-CAF | 115/1/50 | 071-0099-00 | 014-0008-59 (590-708 MFD @ 110/115 VAC) | 014-0011-04+ (11 MFD @ 330 VAC) | 040-0001-23 | 998-0514-23 |
| KAA/KAG/KAJ/KAK KAL-0075-CAG | 230/1/50 | 071-0092-27 | 014-0008-50 (161-193 MFD @ 220 VAC) | 014-0011-02+ (7.5 MFD @ 330 VAC) | 040-0001-30 | 998-0514-27 |
| KAA/KAG/KAK/KAJ/ KAM-0075-IAA | 115/1/60 | 071-0099-00 | 014-0008-63 (540-648 MFD @ 110/115 VAC) | — | 040-0001-01 | 998-0514-28 |
| KAA/KAG/KAJ/KAK/ KAM-0075-IAB | 230/1/60 | 071-0092-27 | 014-0008-51 (145-174 MFD @ 220 VAC) | — | 040-0001-03 | 998-0514-31 |
| KAA/KAG/KAJ/KAK/ KAM-0075-IAH | 208/1/60 | 071-0092-27 | 014-0008-51 (145-174 MFD @ 220 VAC) | — | 040-0001-03 | 998-0514-31 |
| KAA/KAG/KAJ/ KAM-0075-XAA | 115/1/60 | 071-0092-10 | 014-0008-57 (243-292 MFD @ 110/115 VAC) | — | 040-0001-22 | 998-0514-29 |
| KAA/KAG/KAJ/ KAM-0075-XAB | 230/1/60 | 071-0092-15 | 014-0008-62 (53-64 MFD @ 220 VAC) | — | 040-0001-24 | 998-0514-30 |
| KAA/KAG/KAJ/ KAM-0075-TAC | 208/230/3/60 | 071-0090-05 | — | — | — | — |

+ Run capacitor not included in assembly. Must be ordered separately. Mounting bracket is part of capacitor.

SUGGESTED SERVICE VALVES

| HP | Suction | Size | Gasket | Discharge | Size | Gasket |
|----|-------------|--------|-------------|-------------|-------|-------------|
| ½ | 510-0219-00 | ½" FL | 020-0012-10 | 510-0220-00 | ¾" FL | 020-0012-10 |
| ¾ | 510-0219-01 | ⅝" FL | 020-0012-10 | 510-0220-00 | ¾" FL | 020-0012-10 |
| 1 | 510-0219-01 | ⅝" FL | 020-0012-10 | 510-0218-00 | ½" FL | 020-0012-10 |
| 1½ | 510-0068-00 | ⅞" SWT | 020-0012-11 | 510-0218-00 | ½" FL | 020-0012-10 |

SHIPPING PLATES

(Suction & Discharge)

| |
|--------------------|
| 003-0009-00 Plate |
| 020-0012-10 Gasket |

MOUNTING PARTS

| HP | Part Number |
|---------|-------------|
| ½, ¾, 1 | 527-0005-02 |
| 1½ | 527-0005-03 |

CRANKCASE HEATERS

(External Clamp-on type 50 watt)

| Volts | Part Number |
|-------|-------------|
| 115 | 998-0118-05 |
| 230 | 998-0118-06 |

Each heater includes mounting parts for mounting either to old or new style bottom plate.

ELECTRICAL ACCESSORIES

| Compressor Model | Voltage | Protector | Start Capacitor (1 req.) | Run Capacitor (1 req.) | Relay | Current Capacitor and Relay Service Kit |
|------------------------------|--------------|-------------|--|-----------------------------------|-------------|--|
| 1 HP | | | | | | |
| KAJ/KAK/KAL/ KAT-0100-CAA | 115/1/50 | 071-0092-23 | 014-0008-52 (430-516 MFD @ 125 VAC) | 014-0037-03 (40 MFD @ 330 VAC) | 040-0001-11 | 998-1014-31 |
| KAJ/KAK/KAL/ KAT-0100-CAB | 230/1/60 | 071-0092-25 | 014-0008-51 (145-174 MFD @ 220 VAC) | 014-0037-04 (10 MFD @ 370 VAC) | 040-0001-04 | 998-1014-02 |
| KAL/KAT-0100-CAF | 115/1/50 | 071-0092-28 | 014-0008-52 (430-516 MFD @ 125 VAC) | 014-0002-03 (40 MFD @ 250 VAC) | 040-0001-13 | — |
| KAJ/KAK/KAL -0100-CAG | 230/1/50 | 071-0092-21 | 014-0008-78 (108-130 MFD @ 250 VAC) | 014-0037-04 (10 MFD @ 370 VAC) | 040-0001-31 | 998-1014-00 |
| KAT-0100-CAG | 230/1/50 | 071-0092-21 | 014-0008-78 (108-130 MFD @ 250 VAC) | 014-0037-15 (25 MFD @ 440 VAC) | 040-0001-31 | — |
| KAJ/KAK/KAL KAT-0100-CAH | 208/1/60 | 071-0092-14 | 014-0008-51 (145-174 MFD @ 220 VAC) | 014-0037-04 (10 MFD @ 370 VAC) | 040-0001-09 | 998-1014-01 |
| KAJ/KAK/KAL/ KAT-0100-TAC | 208/230/3/60 | 071-0090-04 | — | — | — | — |
| KAJ/KAK/KAL/ KAT-0100-TAD | 460/3/60 | 071-0090-07 | — | — | — | — |
| 1½ HP | | | | | | |
| KAK-0150-CAB | 230/1/60 | 071-0092-29 | 014-0006-00 (108-130 MFD @ 330 VAC) | 014-0037-15 (25 MFD @ 440 VAC) | 040-0001-00 | 998-1014-27 |
| KAL-0150-CAB | 230/1/60 | 071-0092-16 | 014-0006-00 (108-130 MFD @ 330 VAC) | 014-0037-14 (20 MFD @ 440 VAC) | 040-0001-00 | 998-1014-04 |
| KAT-0150-CAB | 230/1/60 | 071-0092-18 | 014-0006-00 (108-130 MFD @ 330 VAC) | 014-0037-14 (20 MFD @ 440 VAC) | 040-0001-00 | 998-1014-04 |
| KAL/KAT-0150-CAH | 208/1/60 | 071-0092-18 | 014-0006-00 (108-130 MFD @ 330 VAC) | 014-0037-14 (20 MFD @ 440 VAC) | 040-0001-05 | 998-1014-08 |
| KAL/KAT-0150-CAS | 220/1/50 | 071-0092-16 | 014-0006-00 (108-130 MFD @ 330 VAC) | 014-0037-14 (20 MFD @ 440 VAC) | 040-0001-31 | 998-1014-30 |
| KAL/KAT-0150-CAZ | 220/240/1/50 | 071-0092-36 | 014-0006-00 (108-130 MFD @ 330 VAC) | 014-0037-23 (25 MFD @ 480 VAC) | 040-0001-31 | 998-1014-09 |
| KAK/KAL/KAT -0150-TAC | 208/230/3/60 | 071-0090-03 | — | — | — | — |
| KAL/KAT-0150-TAD | 460/3/60 | 071-0090-27 | — | — | — | — |

GENERAL INFORMATION

For additional information refer to:

- PS-1115 Valve Plate & Gasket Set Listing
- PS-1116 Interchangeability & Conversion
- PS-1072 Capacitor & Relay
- PS-1219 Copelametic Compressor Cross-Reference
- PS-1220 Motor Protector & Vendor Cross-Reference
- PS-1224 Vertical Cooling Fan Assemblies
- PS-1249 Service Valves
- AE-22-1182 Crankcase Heaters

AIR COMPRESSORS

The following model series are sold without warranty or salvage value:

| | |
|-----------|-----------|
| KAK3-0075 | KAT3-0075 |
| KAK3-0100 | KAT3-0100 |
| KAK4-0075 | KAT4-0100 |
| KAL6-0100 | KAT4-0150 |

These models cannot be replaced with or used as standard models. Replacement compressors are not available from Copeland Corporation, and should be obtained from the Original Equipment Manufacturer. For replacement parts information contact Product Service - Product Information.