

2DA3F23KE-TFC

CFC, R-502, 60 Hz, 3 - Phase, 208/230 V . [Also Available with Variable Frequency Drives](#)

Low Temperature

Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Copeland Representative for international availability.

| Reference | Component | Quantity | Description | Comment |
|-----------|-------------|----------|-----------------------------|--|
| 1 | 020-0756-00 | 1 | GASKET-CYLINDER HEAD | |
| 2 | 998-1661-29 | 1 | VP KIT 2D STD REED | |
| 3 | 020-0757-05 | 1 | GASKET-VALVE PLATE | |
| 4 | 020-0104-00 | 1 | GASKET-HOUSING COVER | |
| 5 | 020-1204-00 | 1 | GASKET-OIL PUMP | |
| 6 | 998-0008-33 | 1 | OIL PUMP KIT | WITH OIL PUMP BOLTS GASKETS ADAPTER RING |
| 7 | 510-0191-00 | 1 | VALVE-SCHRADER TEE | INSTALLED IN OIL PUMP |
| 9 | 003-0099-00 | 1 | PLATE-BOTTOM | |
| 10 | 998-0002-02 | 1 | SIGHT GLASS KIT | |
| 11 | 998-0513-03 | 1 | OIL SCREEN KIT | |
| 12 | 918-0028-00 | 1 | HEATER-CC--100W/120V | |
| 12 | 918-0028-01 | 1 | HEATER-CC--100W/240V | |
| 12 | 918-0028-11 | 1 | HEATER-CRANKCASE KIT | 2D/3D CORESENSE DIAGN. 240V APPL. |
| 13 | 020-0489-00 | 1 | GASKET-DISCH COVER PLATE | ?GVSSUCTION |
| 15 | 998-5100-00 | 1 | SUCT & DISCH VALVE KIT | WITH VALVES GASKETS BOLTS |
| 16 | 020-0709-00 | 1 | GASKET-STATOR COVER | |
| 19 | 998-0510-12 | 1 | VALVE KIT 2 BOLT 7/8" SWEAT | ?VA17/8 SWT 2 BOLT DISCHARGE |
| 20 | 020-0146-00 | 1 | GASKET-TERM MTG PLATE | |
| 21 | 062-0058-00 | 1 | BOX-TERMINAL | |
| 21 | 962-0437-01 | 1 | ELEC BOX TERM KIT | CORESENSE PROTECTION ONLY FOR MODELS 2D.....-C.. 3D..F33K.-...-C.. 3DS3F30K.-...-C.. 3D..F1.K.-...-C.. 3D..F2.K.-...-C.. |

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| 22 | 005-0163-00 | 1 | COVER-TERMINAL BOX | |
| 24 | 929-0097-00 | 1 | CORESENSE WIRING HARNESS 2D/3D CORESENSE PROT MODELS ONLY 2D/3D | |
| 24 | 976-0003-00 | 1 | CONDUIT-WIRE ASSM | 2D/3D CORESENSE DIAGN. MODELS |
| 25 | 020-0844-02 | 1 | SEAL | FOR T CLUSTER 521-0018-00 |
| 27 | 998-0429-08 | 1 | PROTECTOR & GASKET KIT | |
| 28 | 998-0700-07 | 1 | OIL CONTROL BRKT KIT | |
| 30 | 527-0105-00 | 1 | SPACER-MOUNTING ASSM | |
| 34 | 510-0142-00 | 1 | VALVE-OIL CHECK ASSM | |
| 36 | 998-1669-06 | 1 | GASKET KIT-2D | |
| 38 | 998-1000-12 | 1 | DEMAND COOLING KIT 2D 120V | |
| 42 | 030-0187-01 | 1 | SLEEVE-HEATER | REQUIRED WHEN USING CCH |
| 43 | 020-0678-00 | 1 | GASKET-CLOSURE PLATE | |
| 44 | 020-0297-13 | 1 | GASKET-SENTRONIC SENSOR | |
| 45 | 020-0844-05 | 1 | SEAL SIGHT GLASS | |
| 46 | 585-1076-02 | 1 | CONTROL-OIL PROTECT GP | COMPLETE SENTRONIC 3 KIT F/ NON-CORESENSE PROTECT. MODELS |
| 46 | 943-0128-00 | 1 | DISCUS CORESENSE MODULE KIT | CORESENSE PROTECTION ONLY CAN ONLY BE USED TO REPLACE FAILED CORESENSE PROTECT. MODULE |
| 46 | 998-0105-01 | 1 | SENTRONIC 3-MODULE ONLY KIT | REPL FOR SENTRONIC+/3 |
| 47 | 998-0162-00 | 1 | SENTRONIC SENSOR/ CABLE KIT | |
| 47 | 998-0162-01 | 1 | SENTRONIC SENSOR | CORESENSE PROTECTION ONLY |
| 48 | 029-0283-03 | 1 | WIRE-CABLE | 44- HARNESS FOR SENTRONIC+ ONLY |
| 48 | 998-0283-02 | 1 | KIT-CABLE | |
| 49 | 998-1000-22 | 1 | DEMAND COOLING KIT 2D 240V | |
| 49 | 998-1001-23 | 1 | DEMAND COOL 240V/ 50 HZ | |

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| 50 | 998-0513-04 | 1 | SUCTION SCREEN KIT | |
| 51 | 921-0227-00 | 1 | CONNECTOR BLOCK KIT | |
| 53 | 003-0020-02 | 1 | PLATE-MUFFLER | |
| 54 | 910-0351-00 | 1 | DEMAND COOLING VALVE KIT | CORESENSE DIAG W/ DEMAND COOLING 2D MODELS- VALVE LESS COIL |
| 54 | 910-0352-00 | 1 | DEMAND COOL VLV & COIL | COIL VOLTAGE 120V/50/60HZ |
| 54 | 910-0352-01 | 1 | DEMAND COOL VLV & COIL | COIL VOLTAGE 240V/50/60HZ |
| 55 | 921-0018-00 | 1 | LINE CON TERM FUSITE KIT | |
| 58 | 985-0109-50 | 1 | DLT TEMPERATURE PROBE KIT | OPTIONAL: CORESENSE PROTECT. ONLY PROVIDES DISCH LINE TEMP PROTECT FOR COMP OVERHEATING CONDITIONS |
| 59 | 980-0074-00 | 1 | ISD 2.1 UPGRADE KIT | FOR CORESENSE DIAGNOSTICS MODELS |
| 61 | 943-0013-02 | 1 | CORESENSE DIAGNOSTICS CONTROL MODULE | FOR CORESENSE DIAGNOSTICS MODELS |
| 62 | 943-0062-02 | 1 | MODULE-SENSOR | FOR CORESENSE DIAGNOSTICS MODELS |
| 63 | 943-0064-00 | 1 | CURRENT SENSOR | FOR CORESENSE PROT DIAG MODELS |
| 66 | 998-0700-01 | 1 | BRACKET KIT | |
| 67 | 985-0125-00 | 1 | CONTROL-HI PRESS | FOR CORESENSE DIAGNOSTICS MODELS (RED DOT) CUT-OUT 360/CUT-IN 250. |
| 67 | 985-0125-02 | 1 | CONTROL-LOW PRESSURE | FOR CORESENSE DIAGNOSTICS MODELS LOW PRESSURE CUT-OUT/CUT-IN CTRL FOR R407A/R407C APPLICATIONS. |
| 67 | 985-0183-01 | 1 | CONTROL LOPRESS OUT/IN | FOR CORESENSE DIAGNOSTICS MODELS (WHITE DOT) CUT-OUT 3/CUT-IN 12. |
| 68 | 910-0069-00 | 1 | 24 VOLT COIL KIT | CORESENSE DIAG W/ DEMAND COOLING |
| 99 | 020-0003-28 | 1 | GASKET-O-RING | SENTRONIC SENSOR O-RING GASKET |
| 99 | 020-1201-00 | 1 | GASKET-BOTTOM PLATE | |
| 99 | 020-1224-00 | 2 | GASKET-SERVICE VALVE | GASKET REQUIRED ON BOTH SIDES OF MUFFLER PLATE |
| 99 | 020-1224-00 | 1 | GASKET-SERVICE VALVE | ?GVDDISCHARGE |
| 99 | 929-0071-00 | 1 | HARNESS-OIL PRESSURE | FOR CORESENSE DIAGNOSTICS MODELS |
| 99 | 985-0109-07 | 1 | DLT SENSOR TEMP PROBE KIT | FOR CORESENSE DIAGNOSTICS MODELS |

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| 99 | 998-0036-02 | 1 | ROTALOCK FITTING PAD KIT - 2D | ADAPTER USED TO MOUNT A ROTALOCK DISCHARGE SERVICE VALVE |
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| 99 | 998-0510-11 | 1 | VALVE KIT 2 BOLT 1 3/8" SWEAT | ?VA21 3/8 SWT 2 BOLT SUCTION |
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