

3DSDS12ME-TFC

HFC, R-407C, 60Hz, 3- Phase, 208/230 V
Medium Temp, Low Condensing

Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Accessories

| <u>Category</u> | <u>PartNumber</u> | <u>Description</u> |
|------------------|-------------------|---|
| Capacity Control | 998-0017-45 | Moduload Kit, Converts 3DF3-075x to 3DK3-075x, 3DS3-075x to 3DT3-075x, 3DF3-090x to 3DK3-090x, 3DS3-100x to 3DT3-100x, 3DF3-120x, & 3DS3-150x to 3DT3-150x. Does not include unloader valve & coil-purchase separately. |
| | 998-0017-46 | Moduload Kit, Used on 3DH3-0900 & 090E, 3DR3-1000 & 100E- Converts 3DF3-090x to 3DG3-090x, & 3DJ3-100x to 3DR3-100x. Does not include unloader valve & coil-must be purchased separately. |
| | 998-0017-47 | Moduload Kit, Replaces 998-0017-17 - Used on 3DH3-0600 & 060E, 3DJ3-0750 & 075E - LASER REED converts 3DA3-060x to 3DH3-060x, & 3DB3-075x to 3DJ3-075x Does not include unloader valve and coil-Purchase separately. |
| | 998-0017-48 | Moduload Kit, Replaces 998-0017-18 - Used on 3DP3-1000 & 100E - LASER REED MODELS converts from 3DB3-075x to 3DP3-075x, & 3DB3-100x to 3DP3-100x. Does not include unloader valve and coil-Purchase separately. |
| | 998-0017-49 | Moduload Kit, Replaces 998-0017-19 - Used on 3DE3-0750 & 075E - LASER REED MODELS converts from 3DA3-075x to 3DEe-075x. Does not include unloader valve and coil. Unloader valve and coil must be purchased separately. |
| | 998-0017-50 | Moduload Kit, Replaces 998-0017-20 - Used on 3DE3-0500 - LASER REED converts 3DA3-050x to 3DE3-050x. Does not include unloader valve and coil. Unloader valve and coil must be purchased separately. |
| | 998-0326-02 | Unloader Valve & Coil 120V |
| | 998-0326-03 | Unloader Valve & Coil 240V |
| | 998-2017-40 | Moduload Kit, Converts 3DFxA120E to 3DKHA120E, & 3DSxA150E to 3DTHA150E. Does not include unloader valve and coil. Unloader valve and coil must be purchased separately. |
| | 998-2017-41 | Moduload Kit, Converts 3DF3A090E to 3DGHA090E, & 3DS3A100E to 3DRHA100E. Does not include unloader valve and coil. Unloader valve and coil must be purchased separately. |
| | 998-2017-44 | Moduload Kit, Converts 3DAxA075E to 3DEHA075E. Does not include unloader valve and coil. Unloader valve and coil must be purchased separately. |
| | 998-2017-42 | Moduload Kit, Converts 3DAxA060E to 3DHHA060E, & 3DBxA075E to 3DJHA075E. Does not include unloader valve and coil. Unloader valve and coil must be purchased separately. |
| | 998-2017-43 | Moduload Kit, Converts 3DB3A100E to 3DPHA100E. Does not include unloader valve and coil. Unloader valve and coil must be purchased separately. |

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|-------------------|-------------------|--|
| | 998-2017-45 | Moduload Kit, Converts 3DF3A0750 to 3DK3A0750 and 3DF3A0900 to 3DK3A0900 and 3DF3A1200 to 3DK3A1200 and 3DS3A1000 to 3DT3A1000 and 3DS3A1500 to 3DT3A1500. Does not include unloader valve and coil-must be purchased separately |
| | 998-2017-46 | Moduload Kit, Converts 3DF3A0900 to 3DG3A0900 and 3DS3A1000 to 3DR3A1000. Does not include unloader valve and coil. Unloader valve and coil must be purchased separately. |
| | 998-2017-47 | Moduload Kit, Converts 3DA3A0600 to 3DH3A0600 and 3DB3A0750 to 3DJ3A0750. Does not include unloader valve and coil. Unloader valve and coil must be purchased separately. |
| | 998-2017-48 | Moduload Kit, Converts 3DB3A1000 to 3DP3A1000. Does not include unloader valve and coil. Unloader valve and coil must be purchased separately. |
| | 998-2017-49 | Moduload Kit, Converts 3DA3A0750 to 3DE3A0750 and 3DS3A07500 to 3DT3A07500. Does not include unloader valve and coil. Unloader valve and coil must be purchased separately. |
| | 998-2017-50 | Moduload Kit, Converts 3D3A0500 to 3DE3a0500. Does not include unloader valve and coil. Unloader valve and coil must be purchased separately. |
| Crankcase Heaters | 030-0187-00 | Heater Sleeve, well style, Order well separately |
| | 918-0009-00 | Crankcase Heater Kit, 120V, 65W, bolt on. For usage on specific Copeland Copelametic & Discus Compressor except deep sump models. Includes crankcase heater, and reference drawings. |
| | 918-0009-01 | Crankcase Heater Kit, 240V, 65W, bolt on. For usage on specific Copeland Copelametic, & Discus Compressor except deep sump models. Includes crankcase heater, and reference drawings. |
| | 918-0009-02 | Crankcase Heater Kit, 480V, 65W, bolt on. For usage on specific Copeland Copelametic, & Discus Compressor except deep sump models. Includes crankcase heater, and reference drawings. |
| | 918-0009-03 | Crankcase Heater Kit, 600V, 65W, bolt on. For usage on specific Copeland Copelametic, & Discus Compressor except deep sump models. Includes crankcase heater, and reference drawings. |
| | 918-0009-04 | Crankcase Heater Kit, 12V, 65W, bolt on. For usage on specific Copeland Copelametic & Discus Compressors except deep sump models. Includes crankcase heater, and reference drawing. |
| Demand Cooling | 998-1000-13 | Demand Cooling Kit, 120V / 60Hz |
| | 998-1000-23 | Demand Cooling Kit, 240V / 60Hz |
| | 998-1001-13 | Demand Cooling Kit, 120V / 50Hz |
| | 998-1001-23 | Demand Cooling Kit, 240V / 50Hz |
| Demand Cooling | 085-0109-00 | Temperature Probe-Standard 41" - Demand Cooling |
| | 085-0109-01 | Temperature Probe-10' cable - Demand Cooling |
| | 085-0110-00 | Control Module 120V 50/60 Hz - Demand Cooling |
| | 085-0110-01 | Control Module 240V 50/60 Hz - Demand Cooling |

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|------------------------|--------------------------|--|
| | 510-0351-01 | Demand Cooling Valve 60 Hz, Alco |
| | 510-0351-02 | Demand Cooling Valve 50 Hz, Alco |
| | 510-0352-02 | Demand Cooling Valve & Coil, 120V, 60 Hz, Alco |
| | 510-0352-03 | Demand Cooling Valve & Coil, 240V, 60 Hz, Alco |
| | 510-0352-08 | Demand Cooling Valve & Coil, 240V, 50 Hz, Alco |
| | 510-0352-10 | Demand Cooling Valve & Coil, 120V, 50 Hz, Alco |
| Digital Components | 023-0039-01 | Coil, 120V, Alco - Demand cooling valve (Unloader Valve) |
| | 023-0039-02 | Coil, 240V, Alco - Demand cooling valve (Unloader Valve) |
| | 023-0042-01 | Solenoid Coil, 120V, 50/60 Hz, Parker - Demand cooling valve |
| | 023-0042-02 | Solenoid Coil, 240V, 50/60 Hz, Parker - Demand cooling valve |
| | 902-0317-00 | 3D Discus Digital Cylinder Head |
| | 910-0111-00 | DISCUS DIGITAL SOLENOID VALVE |
| | 923-0084-00 | DISCUS DIGITAL 24V COIL |
| | 923-0084-01 | DISCUS DIGITAL 120V COIL |
| | 923-0084-02 | DISCUS DIGITAL 240V COIL |
| | 943-0086-00 | IDCM Without 2 Minute Anti Short Cycle Delay With T1-T2 Resistor |
| | 980-3000-00 | 3D DISCUS DIGITAL MT UPGRADE KIT, TO CONVERT A REG 3D INTO DD MODEL |
| | 980-3000-01 | 3D DISCUS DIGITAL LT UPGRADE KIT, TO CONVERT A REG 3D INTO DD MODEL |
| | 980-3000-10 | 3D DD MT UPGRADE KIT W/ISD, FOR 3D ISD MODELS ONLY, TO CONVERT A REG 3D INTO DD MODEL |
| | 980-3000-11 | 3D DD LT UPGRADE KIT W/ISD, FOR 3D ISD MODELS ONLY, TO CONVERT A REG 3D INTO DD MODEL |
| | 985-0109-07 | DISCUS DIGITAL TEMP SENSOR PROBE |
| | 998-6661-30 | 3D DISCUS DIGITAL VALVE PLATE KIT MED TEMP |
| | 998-6661-31 | 3D DISCUS DIGITAL VALVE PLATE KIT LOW TEMP |
| | 998-6669-00 | 3D DISCUS DIGITAL GASKET SET |
| Electrical Components | 085-0160-00 | 3 Phase Voltage Monitor. For use with all Copeland 3 Phase Compressors. Consult model family nomenclature for electrical definition in the model number. |
| Miscellaneous | 024-0200-00 | Fan Guard, Top, for Head Cooling Fan |
| | 083-0118-00 | Fan Blade, for Head Cooling Fan |

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|------------------------|--------------------------|---|
| | 585-1066-02 | Sentronic Oil Pressure Control Kit, includes Sentronic oil pressure control, screws to mount control, oil pressure sensor, and sensor gaskets. Control mounting brackets are supplied on service replacement compressors. |
| | 998-0550-00 | Fan Motor Blade & Guard Assembly 230V, Does not include mounting bracket. Must be ordered separately |
| | 998-0550-01 | Fan Motor Blade & Guard Assembly 460V, Does not include mounting bracket. Must be ordered separately |
| | 998-0550-02 | Fan Motor Blade & Guard Assembly 115V, Does not include mounting bracket. Must be ordered separately |
| | 998-0550-03 | Fan Motor, 230V, Includes fan motor mounted to bottom guard |
| | 998-0550-04 | Fan Motor, 460V, Includes fan motor mounted to bottom guard |
| | 998-0550-05 | Fan Motor, 115V, Includes fan motor mounted to bottom guard |
| | 998-0574-08 | Fan Mounting Kit, Vertical fan mount on top of compressor head 9D & 9R(2-5/8 head height - 9R**-XXX5 models & 3DA, 3DB, 3DF, 3DS) |
| | 998-0574-10 | Fan Mounting Kit, Vertical fan mount on top of compressor head 3D moduload models (3DE, 3DG, 3DH, 3DJ, 3DK, 3DP, 3DR, 3DT) |
| | 998-0683-01 | Shipping Plate, Gasket, and Bolt (Suction all 2) (Discharge all 3D, 4D, 4R, 6D, 6R & 9R) (Suction) (Suction 5, 6, 7 1/2, 9, & 10 1/2 HP) |
| | 998-0683-02 | Shipping Plate, Gasket, and Bolts (Suction 6R, 10, 15 & 20 HP) |
| | 998-AB52-01 | Akylbenzene Oil. Approved for use with specific Copeland Semi Hermetic After Market Compressors. Consult model family nomenclatures for oil identifier in the model number. |
| | 998-E022-01 | Polyol Ester Oil. Approved for use with specific Copeland Hermetic & Semi Hermetic models. Consult specific model family nomenclatures for oil identifier in the model number. |
| | 998-0574-10 | Fan Mounting Kit, Vertical fan mount on top of compressor head 3D moduload models (3DE, 3DG, 3DH, 3DJ, 3DK, 3DP, 3DR, 3DT) |
| Mounting | 998-0700-09 | Control Mounting Bracket Kit |
| Oil Management | 998-0161-01 | Sentronic Oil Control, Control only, supplied with 44" cable as standard |
| | 998-0162-00 | Kit includes sensor, gaskets, and cable. |
| | 998-0283-02 | Standard Sentronic cable is 44" long. The extension cable is 12 ft long and must be wired into the control. Kit 998-0283-02 includes instructions. |