

## 2DA3R89KE-TFD

CFC, R-502, 60Hz, 3- Phase, 460 V

Medium 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

### Accessories

<u>Category</u>	<u>PartNumber</u>	<u>Description</u>
Capacity Control	006-0200-00	Spring. Internal, between the valve plate, & unloader piston. (Unloader Spring)
	998-0045-00	End plate kit. Kit includes end plate & end plate gasket for the unloader valve.
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.
	918-0028-00	Crankcase Heater Kit, 120V, 100W insertion. For usage on specific Copeland Copelametic, & Discus Compressors. Use with Heater Well 030-0186-01 and 030-0187-00.
	918-0028-01	Crankcase Heater Kit, 240V, 100W insertion. For usage on specific Copeland Copelametic, & Discus Compressors. Use with Heater Well 030-0186-01 and 030-0187-00.
Demand Cooling	998-1000-12	Demand Cooling Kit, 120V / 60Hz
	998-1000-22	Demand Cooling Kit, 240V / 60Hz
	998-1001-12	Demand Cooling Kit, 120V / 50Hz
	998-1001-22	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
	510-0351-00	Demand Cooling Valve 50/60 Hz, Alco

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<b><u>Category</u></b>	<b><u>PartNumber</u></b>	<b><u>Description</u></b>
	510-0352-00	Demand Cooling Valve & Coil, 120V, 50/60 Hz, Alco
	510-0352-01	Demand Cooling Valve & Coil, 240V, 50/60 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
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	020-1004-00	Cover plate gasket 003-0021-00. When replacing standard model 9RC or 9RS with unloading added, replace with unloader models 9RP or 9RT.
	024-0200-00	Fan Guard, Top, for Head Cooling Fan
	083-0118-00	Fan Blade, for Head Cooling Fan
	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
	998-0574-11	Fan Mounting Kit, Vertical fan mount on top of compressor head
	998-0683-00	Shipping Plate, Gasket, and Bolt (Discharge all 2D) (Discharge) (Suction & Discharge) 2 kits required
	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 12 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.

<b><u>Category</u></b>	<b><u>PartNumber</u></b>	<b><u>Description</u></b>
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.