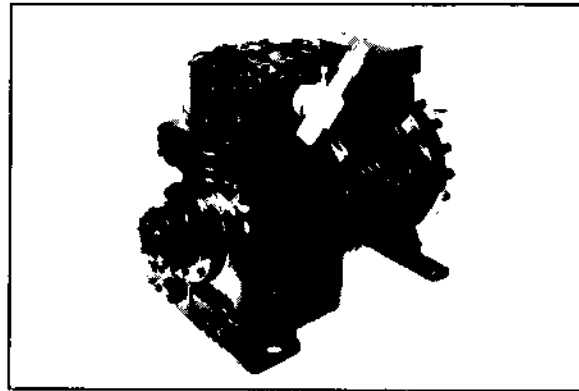


**"9D" SERIES COPELAMETIC® COMPRESSOR PARTS LIST**



**FIELD REPLACEMENT PARTS**

Part Description	Part Number	Model Series
Valve Plate Kit	998-1661-04	All
Gasket Kit	998-1669-02	All
Gaskets:		
Cylinder Head	020-0592-00	All (except 9DP,9DT)
Cylinder Head	020-0596-00	9DP,9DT
Valve Plate to Body	020-0590-00	9DS,9DT
Valve Plate to Body	020-0590-01	9DB,9DP
Valve Plate to Body	020-0590-02	9DA
Valve Plate to Body	020-0590-03	9DF
Bottom Plate	020-0129-00	All
Housing Cover	020-0091-00	All
Stator Cover	020-0130-00	All
Oil Pump	020-0672-04	All
Terminal Plate	020-0146-00	All
Cylinder Head	998-0502-06	All (except 9DT,9DP)
Cylinder Head	998-0502-07	9DP,9DT
Bottom Plate	003-0098-00	All
Stator Cover	005-0044-00	All 5 & 6 HP; 9DB,9DF-7½ HP
Stator Cover	005-0068-00	9DF2-9 HP;9DB2,9DP2,9DS2-10 HP; 9DS,9DT-15 HP
Stator Cover	005-0101-00	9DS1-7½ & 10 HP; 9DF1,9DF8-9 HP; 9DB1,9DF1,9DP-10 HP
Suction Strainer Screen	013-0011-00	9DF2-9 HP; 9DB2,9DP2,9DS2-10 HP; 9DS1,9DT1-15 HP
Suction Strainer Screen	013-0013-00	9DF1-7½ HP
Suction Strainer Screen	013-0021-00	All 5 & 6 HP; 9DB1,9DS1-7½ & 10 HP; 9DF1,9DF8-9 HP;9DP1-10 HP
Oil Pressure Control	085-0062-00	All
Oil Control Bracket	998-0700-05	All

(Continued on page 2)

**COPELAND CORPORATION**  
**Product Service**

500 Conrad Harcourt Way  
Rushville, Indiana, USA 46173-0218  
Phone: 317-932-2956

\*Copelametic is a registered trademark  
of Copeland Corporation, Sidney, Ohio

Form PS-1253  
August 1, 1984  
Printed in USA

## FIELD REPLACEMENT PARTS

Part Description	Part Number	Model Series
Sight Glass Kit	998-0002-02	All
Oil Screen	013-0067-00	All
Oil Check Valve	510-0088-00	All
Crankcase Vent. Valve	510-0003-00	All
Oil Pump Kit	998-0007-05	All
Terminal Box	062-0058-00	All 5 & 6 HP; 9DB-7½ HP
Terminal Box Cover	005-0163-00	
Terminal Box	062-0134-02	All 7½ (except 9DB) All 9, 10, 15 HP
Terminal Box Cover	005-0396-00	
Terminal Plate, Stud and Insulator Assy.	521-0133-00	All 10 HP-TFC; 9DF1-9 HP-TFC/TFE
Terminal Plate, Stud and Insulator Assy.	521-0145-00	All 15 HP
Terminal Block	080-0026-00	All 10 & 15 HP; 9DF1-0900-TFD/TFE
Terminal Fusite	521-0018-00	All 5, 6, & 7½ HP All 9 HP (except TFC) All 10 HP-TFC/TFE
Terminal Mounting Plate	003-0112-00	
Connector Block	021-0005-00	
Terminal "O" Ring	020-0003-02	

### CAPACITY CONTROL

Standard Model Converts To	Capacity Control Model
9DB-10 HP	9DP-10 HP
9DS-15 HP	9DT-15 HP

Coil Voltage	Kit Part* Number
24	998-0017-04
120	998-0017-05
240	998-0017-06

#### Repair Kit\*\*

998-0017-13

\* All "9D" capacity control models use the same kits. Kit includes cylinder head, valve and tubing assy, coil and gaskets.

\*\* Includes valve and tubing assy with gasket

Note: The replacement Alco enclosure tube (the part the coil mounts on) located on top of the capacity control valve is part number 528-1074-00.

### VERTICAL COOLING FAN ASSEMBLIES

998-0550-00	Fan Motor, Blade & Guard 230 V.
998-0550-01	Fan Motor, Blade & Guard 460 V.
998-0550-02	Fan Motor, Blade & Guard 115 V.
998-0574-08	Fan Mounting Kit

### MOUNTING PARTS

Model	Part Number
All (except 9DF-10 HP; 9DS,9DT-15 HP)	527-0009-00
9DF-10 HP	527-0045-00
9DS,9DT-15 HP	527-0037-00

### SOLENOID COILS (ALCO)

Voltage	Part Number
24	023-0037-00
120	023-0037-01
240	023-0037-02

**PROTECTORS**

Motor Type	Model	Part Number
<b>5 HP</b>		
TFC	9DA/9DB	071-0429-02
TFD	9DA/9DB	071-0429-03
TFE	9DA/9DB	071-0429-10
<b>6 HP</b>		
TFC	9DA	071-0429-08
TFD	9DA	071-0429-03
TFE	9DA	071-0429-10
<b>7½ HP</b>		
TFC	9DB/9DF/9DS	071-0429-04
TFD	9DB	071-0429-05
TFD	9DF	071-0429-09
TFD	9DS	071-0429-01
TFE	9DB	071-0429-03
TFE	9DS	071-0429-11
<b>9 HP</b>		
TFC	9DF	071-0429-00
TFD	9DF	071-0429-09
TFE	9DF/9DS	071-0429-11
<b>10 HP</b>		
TFC	9DB/9DP	071-0429-06
TFC	9DS	071-0429-00
TFD	9DB/9DP	071-0429-07
TFD	9DS	071-0429-01
TFE	9DB/9DP/9DS	071-0429-11

**CRANKCASE HEATERS**

Volts	Part Number
<b>Internal Immersion Type (65 Watt)</b>	
120	518-0001-03
230	518-0001-02
480	518-0001-01
<b>External Clamp on Type* (65 Watt)</b>	
120	018-0007-05
230	018-0007-06
480	018-0007-07
<b>External Clamp on Type* (100 Watt)</b>	
120	018-0007-12
230	018-0007-11
480	018-0007-13

\* Each external heater requires 2 mounting clips 032-0091-00. (Order Separately)

**MODULES - 9DS, 9DT - 15 HP**

Robertshaw has developed a solid state module compatible with the T.I. sensors. The Robertshaw MP50 module is dimensionally and functionally identical to the T.I. 15AA module and will be used as an alternate to the T.I. 15AA module.

Module Voltage	Vendor No.	Copeland No.	Replacement Kit No.
120	15AA1600 B*	071-0424-01	998-0424-01
	MP50-1001**	071-0441-01	998-0424-01
240	15AA1600 C*	071-0424-00	998-0424-00
	MP50-1201**	071-0441-00	998-0424-00

\*Texas Instrument

\*\*Robertshaw

**SUGGESTED SERVICE VALVES**

HP	Suction	Size	Gasket	Discharge	Size	Gasket
All 5 HP	510-0063-01	1 $\frac{3}{8}$ " Swt	020-0012-09	510-0023-02	$\frac{7}{8}$ " Swt	020-0028-03
All 6 & 7 $\frac{1}{2}$ HP	510-0063-01	1 $\frac{3}{8}$ " Swt	020-0012-09	510-0023-01	1 $\frac{1}{8}$ " Swt	020-0028-03
All 9 HP (except 9DF2)	510-0063-01	1 $\frac{3}{8}$ " Swt	020-0012-09	510-0023-01	1 $\frac{1}{8}$ " Swt	020-0028-03
9DF2	510-0062-00	1 $\frac{5}{8}$ " Swt	020-0006-33	510-0023-01	1 $\frac{1}{8}$ " Swt	020-0028-03
All 10 HP (except 9DB2, 9DP2, 9DS2)	510-0063-01	1 $\frac{3}{8}$ " Swt	020-0012-09	510-0023-01	1 $\frac{1}{8}$ " Swt	020-0028-03
9DB2, 9DP2, 9DS2	510-0062-00	1 $\frac{5}{8}$ " Swt	020-0006-33	510-0023-01	1 $\frac{1}{8}$ " Swt	020-0028-03
All 15 HP	510-0062-00	1 $\frac{5}{8}$ " Swt	020-0006-33	510-0023-01	1 $\frac{1}{8}$ " Swt	020-0028-03

**SHIPPING PLATES**

HP	Suction	Gasket	Discharge	Gasket
All 5,6,7 $\frac{1}{2}$ HP	003-0055-02	020-0012-09	003-0055-02	020-0012-09
All 9 HP (except 9DF2)	003-0055-02	020-0012-09	003-0055-02	020-0012-09
9DF2	003-0203-00	020-0008-01	003-0055-02	020-0012-09
All 10 HP (except 9DB2, 9DP2, 9DS2)	003-0055-02	020-0012-09	003-0055-02	020-0012-09
9DB2, 9DP2, 9DS2	003-0203-00	020-0008-01	003-0055-02	020-0012-09
All 15 HP	003-0203-00	020-0008-01	003-0055-02	020-0012-09

**General Information**

For additional information refer to:  
 PS-1115 Valve Plate & Gasket Listing  
 PS-1224 Vertical Cooling Fan Assemblies  
 PS-1249 Service Valves  
 AE-22-1182 Crankcase Heaters  
 AE-4-1270 Replacement of Copelametics



## "9D" DISCUS COMPRESSOR VALVE PLATE KITS

Please add this supplement to your "9D" parts list, Form No. PS-1253.

<u>DISCUS MODEL</u>	<u>VALVE PLATE KIT PART NUMBER</u>	<u>SPECIAL NOTES</u>
9DA1-0500	998-1661-04	2
9DA1-0500 <sup>1</sup>	998-1661-10	3
9DB1-0500	998-1661-04	1
9DA1-0600	998-1661-04	2
9DA1-0600 <sup>1</sup>	998-1661-10	3
9DA1-0750	998-1661-04	1
9DB1-0750	998-1661-04	1
9DF1-0750	998-1661-04	1
9DS1-0750	998-1661-04	1
9DF1-0900	998-1661-04	1
9DB1-1000	998-1661-04	1
9DP1-1000	998-1661-04	1
9DS1-1000	998-1661-04	1
9DS1-1500	998-1661-04	1
9DT1-1500	998-1661-04	1

### SPECIAL NOTES:

1. Use for all date codes
2. Compressor date code 84J (October 1984) and after
3. Compressor date code 84I (September 1984) and before

## COPELAND CORPORATION Product Service

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Supplement "A" Form No. PS-1253  
November 15, 1985