

## Copeland Scroll Compressors

The following models all charged with **Ester Oil**.  
Other compressor models are available.

### 1PH - Medium/High Temperature

CODE	MODEL	APPROX. HP
I940	ZR18KE-PFJ	1-1/2
I941	ZR22KE-PFJ	1-3/4
I945	ZR28KE-PFJ	2-1/2
I946	ZR34KE-PFJ	3
I947	ZR40KE-PFJ	3-1/2
I948	ZR48KE-PFJ	4
I951	ZR61KE-PFJ	5
I920	ZB15KE-PFJ	2
I942	ZB19KE-PFJ	2-1/2
I943	ZB21KE-PFJ	3
I944	ZB26KE-PFJ	3-1/2

### 3PH - Medium/High Temperature

CODE	MODEL	APPROX. HP
I953	ZR22KE-TFD	1-3/4
I955	ZR28KE-TFD	2-1/2
I957	ZR34KE-TFD	3
I959	ZR40KE-TFD	3-1/2
I965	ZR48KE-TFD	4
I967	ZR61KE-TFD	5
I969	ZR72KE-TFD	6
I971	ZR81KE-TFD	6-1/2
I925	ZR90KE-TWD	7-1/2
I926	ZR94KE-TFD	8
I982	ZR11ME-TWD	9
I983	ZR12ME-TWD	10
I984	ZR16ME-TWD	13
I949	ZB15KE-TFD	2
I950	ZB19KE-TFD	2-1/2
I952	ZB21KE-TFD	3
I954	ZB26KE-TFD	3-1/2
I956	ZB30KE-TFD	4
I958	ZB38KE-TFD	5
I960	ZB45KE-TFD	6
I938	ZB57KE-TWD	7-1/2
I962	ZB76KE-TFD	10
I963	ZB95KE-TFD	12

### 3PH - Low Temperature

CODE	MODEL	APPROX. HP
I966	ZF09KE-TFD	2-3/4
I968	ZF11KE-TFD	3-1/2
I970	ZF13KE-TFD	4
I972	ZF15KE-TFD	4-1/8
I974	ZF18KE-TFD	5-1/2
I976	ZF24KE-TWD	7-1/2
I978	ZF33KE-TWD	10-1/2
I979	ZF40KE-TWD	12-1/2
I980	ZF48KE-TWD	15

#### Application and Temperature Ranges:

Low Temperature : ZF: between +7 and -45°C (with liquid injection)

High Temperature : ZB: optimized for refrigeration applications between +10 and -30°C.

Air-conditioning scroll compressors ZR are suitable for use in high and medium temperature air-conditioning and process cooling applications with evaporating temperatures ranging from +12.5 to -20°C.

## Copeland Scroll™



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Pair of Rotolock Valves with 7/8 & 5/8 sweat connections.



## Copeland Summit Scroll Compressors

## Copeland Scroll™

The following models all charged with **Ester Oil**.  
Other compressor models are available.

### 3PH - Medium/High Temperature

CODE	MODEL	APPROX. HP
I932	ZB66KCE-TFD	9
I962	ZB76KCE-TFD	10
I963	ZB95KCE-TFD	13
I935	ZB114KCE-TFD	15

### 3PH - Low Temperature

CODE	MODEL	APPROX. HP
I1000	ZF25K6E-TFD	7-1/2
I1002	ZF34K6E-TFD	9
I1004	ZF41K6E-TFD	10
I1006	ZF49K6E-TFD	13



## Copeland Digital Scroll Compressors

The following models all charged with **Ester Oil**.  
Other compressor models are available.

### 3PH - Medium/High Temperature

CODE	MODEL	APPROX. HP
I1020	ZBD29KCE-TFD	4
I1022	ZBD38KCE-TFD	5
I1024	ZBD45KCE-TFD	6
I1026	ZBD57KCE-TFD	7-1/2
I1028	ZBD76KCE-TFD	10



## Copeland ZF EVI Scroll Compressors with Vapour Injection

The following models all charged with **Ester Oil**.  
Other compressor models are available.

### 3PH - Low Temperature

CODE	MODEL	APPROX. HP
I1050	ZF13KVE-TFD-EVI	4
I1052	ZF18KVE-TFD-EVI	6
I1054	ZF24KVE-TFD-EVI	7-1/2
I1056	ZF33KVE-TFD-EVI	10
I1058	ZF40KVE-TFD-EVI	13
I1060	ZF48KVE-TFD-EVI	15



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## Run Capacitors

Genuine Copeland Run Capacitors, to suit single phase compressors as listed in table below.

CODE	TO SUIT	μF
I1510	ZR18	35
I1511	ZR22, ZB15	40
I1512	ZR28, ZB19	45
I1513	ZR34, ZB21	50
I1514	ZR40	55
I1515	ZR48, ZB26	60



## Start Capacitors

Genuine Copeland Start Capacitor, to suit single phase compressors as listed in table below.

CODE	TO SUIT
I1500	ZR18, ZR22, ZR28, ZR34, ZR40 & ZR48
I1530	ZB15, ZB19, ZB21 & ZB26



## Potential Start Relay

Genuine Copeland Potential Starting Relay, to suit single phase compressors as listed in table below.

CODE	TO SUIT
I1505	ZR18, ZR22, ZR28, ZR34, ZR40 & ZR48
I1540	ZB15, ZB19, ZB21 & ZB26



## Rotolock Valves

Pair Genuine Copeland Rotolock Valves  
Suction (1-1/4" - 12) 7/8"  
Discharge (1" - 14) 5/8"

CODE	TO SUIT
IS982	ZB15 -ZB45, ZF06 - ZF18, ZR18 - ZR72



## Rotolock Valve Adaptor Kit

Converts a brazed stub compressor to use with rotolock valves.  
(Pair of white rotolock valve gaskets included)

CODE	TO SUIT
IS984	ZR18 to ZR61



## Universal Crankcase Heater

Easy to use Wrap a Round 65 watt Crankcase Heater with Velcro fixing strap 65W x 950 Long (Fits around a 300mm Maximum Diameter)

CODE	MODEL
I540	CH-1 Crankcase Heater 65W x 950 Long



# Copeland Bill of Material Codes

CODE	OPTION A	OPTION B	OPTION C
230	Tubes		
232	Rotolock Valve		
250	Tubes	Oil Sight Glass	
251	Tubes	Oil Sight Glass	Capillary Liquid Injection
265	Rotolock Valve	Oil Sight Glass	
422	Tubes	Oil Sight Glass	Tandem Ready
425	Tubes	Oil Sight Glass	Tandem Ready
501	Tubes		
511	Tubes		
512	Tubes		3 Mounting Feet
522	Tubes		
523	Rotolock Valve		
524	Tubes		
532	Tubes		
540	Rotolock Valve	Oil Sight Glass	Tandem Ready 24V Control Circuit
542	Tubes		Tandem Ready 24V Control Circuit
550	Tubes	Oil Sight Glass	
551	Rotolock Valve	Oil Sight Glass	120/240V Control Circuit
552	Tubes		
556	Rotolock Valve	Oil Sight Glass	DTC Valve
557	Rotolock Valve	Oil Sight Glass	240V Control Circuit
561	Rotolock Valve		24V Control Circuit
568	Tubes		24V Control Circuit
570	Rotolock Valve	Oil Sight Glass	Tandem Ready 120/240V Control Circuit
572	Tubes		Tandem Ready 120/240V Control Circuit
599	Tubes		
961	Rotolock Valve	Oil Sight Glass	110/230V & 24V Control Circuit, Includes Rotolock to Tube adaptors

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