

Copeland Scroll™ low temperature compressors for refrigeration



Fixed/Modulation	Fixed	Fixed	Fixed	Modulation	Fixed	Modulation
ZO**K/ZOD**K Low Temperatures -58°F To -13°F	ZF**KA Low Temperatures -40°F To 10°F Small Scrolls	ZF**K4 Low Temp/Liquid Injection -40°F To 0°F Med Temp / Liquid Injection -10°F To 45°F * With Sight Glass	ZF**KV Enhanced Vapor Injection (EVI) With Sight Glass -40°F To 0°F *	ZFD**KV Enhanced Vapor Injection (EVI) 10% to 100% Digital Modulation With Sight Glass -40°F To 0°F *	ZF**K5 Vapor or Liquid Injection CoreSense™ Diagnostics With Sight Glass -40°F To 0°F *	ZFD**K5 Vapor or Liquid Injection CoreSense™ Diagnostics 30% to 100% Digital Modulation With Sight Glass -40°F To 0°F *

* Evap temperature can vary per refrigerant

HP/Models/Plant

1.0 – 6 HP ZO21, 34, 45 58,88, 104 ZOD34, 58, 104 N. Ireland	1.0 – 2.5 HP ZF03, 04, 05, 06, 07, 09 Lebanon MO	2.0 – 8.0 HP ZF06, 08, 09, 11, 13, 15, 18, 25, 28 Sidney OH / N. Ireland	4.0 – 8.0 HP ZF13, 18, 25, 28 Sidney OH / N. Ireland	4.0 – 7.5 HP ZFD13, 18, 25 Sidney OH / N. Ireland	8.0 – 17 HP ZF34, 41, 49, 54 Sidney OH / Belgium	13.0 HP ZFD41K5 Sidney OH
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Refrigerants

R-744 (CO ₂)	R-404A, 407A/C/F, 448A, 449A, 507	R- 22, 134a, 404A, 407A/C/F, 448A, 449A, 507	R-22, 404A, 407A/C/F, 448A, 449A, 507	R-22, 404A, 407A/C/F, 448A, 449A, 507	R-22, 404A, 407A/C/F, 448A, 449A, 507	R-22, 404A, 407A/C/F, 448A, 449A, 507
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Applications

Supermarket, Reach-In/Walk-in Freezer, Environmental Chambers, Industrial/Medical Applications, Transportation

Copeland Scroll™ medium temperature compressors for refrigeration



Fixed		Modulation		Fixed		Modulation	
ZB**KA Smallest Displacement in Refrigeration Scroll -10°F To 45°F	ZS**KA Extended Medium Temperature -25°F To 45°F	ZS**K4 Extended Medium Temperature With Sight Glass -25°F To 45°F	ZB**KC With Sight Glass -10°F To 45°F	ZB**KC Advanced Scroll Temperature Protection (ASTP) With Sight Glass -10°F To 45°F	ZBD**KC 10% to 100% Digital Modulation With Sight Glass -10°F To 45°F	ZB**K5 CoreSense™ Diagnostics With Sight Glass -10°F To 45°F	ZBD**K5 CoreSense™ Diagnostics 30% to 100% Digital Modulation With Sight Glass -10°F To 45°F
HP/Models/Plant							
0.75 - 1.25 HP ZB06, 07, 08 Lebanon MO	1.3 - 4.5 HP ZS09, 11, 13, 15, 19, 20, 21, 26, 29, 33 Lebanon MO	2.0 - 6.0 HP ZS15, 19, 21, 26, 30, 38, 45 Sidney OH/N. Ireland	2.0 - 7.5 HP ZB15, 19, 21, 26, 29, 30, 38, 42, 45, 48, 57 Sidney OH/N. Ireland	7.0 - 15 HP ZB50, 58, 66, 76, 88, 95, 114 Sidney OH/Belgium	3.0 - 10 HP ZBD21, 30, 38, 45, 57 Sidney OH/N. Ireland ZBD58, 76 Sidney OH	8.0 - 15 HP ZB58, 66, 76, 95, 114 Sidney OH/Belgium	10 & 15 HP ZBD76, 114 Sidney OH
Refrigerants							
R-22, 134a, 290 404A, 407A/C/F, 448A, 449A, 507	R-22, 134a, 404A, 407A/C/F, 448A, 449A, 507	R-22, 404, 507, 134a	R-22, 134a, 290 404A, 407A/C/F, 448A, 449A, 507	R-22, 134a, 404A	R-22, 134a, 404A, 407A/C/F, 448A, 449A, 507	R-22, 134a, 404A, 407A/C/F, 448A, 449A, 507	R-22, 134a, 404A, 407A/C/F, 448A, 449A, 507
Applications							
Supermarket, Reach-In/Walk-in Coolers, Soft Serve /FCB, Transportation							