Copeland Scroll™ compressors for air conditioning – modulation lineup

50% 100%
CAPACITY

67% 100%
CAPACITY

10-100%
CAPACITY

20-100%
CAPACITY

20-100%
CAPACITY

Staged	Mechanical		Variable Speed	
Tandems/Trios	Next Generation Copeland Scroll UltraTech™	Copeland Scroll Digital™	Copeland Scroll Variable Speed – Residential	Copeland Scroll Variable Speed – Commercial
Applications				
Light commercial and commercial air conditioning, heat pump, rooftop and chiller applications	Residential air conditioning for 15+ SEER systems and heat pumps	Commercial rooftop applications for schools, hospitals, theaters and restaurants with widely varying loads Industrial air driers, chillers and precision cooling equipment	High efficiency residential air conditioners and heat pumps	Light commercial and commercial air conditioning, heat pump, rooftop and chiller applications
Benefits				
Achieve superior part and full load efficiency Enchanced comfort and humidity control Lower operating cost Available as pre-assembled tandem Available in 3-180 HP	Enhanced comfort and humidity control Performance increase at full-load and part-load with up to 5.5% efficiency increase Improved two-stage capacity Optimized for 15-16 SEER tax credits and Energy Star Available in 2-5 HP	Precise, infinite capacity modulation from 10-100% Improved comfort and humidity control Lower operating cost Improved part-load efficiencies versus traditional modulation methods Available in 3-30 HP	Breakthrough efficiency and energy savings for air conditioners and heat pumps Revolutionary comfort through enhanced temperature and humidity control Proven reliability enhanced with CoreSense™ technology Available in 2-5 HP	Superior energy savings, control and reliability Optimized for high efficiency air conditioning and heating Proven reliability enhanced with CoreSense technology Available in 7.5-10 HP with 11kw or 15kw motor control drive

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