



**I-Pack condensing
unit for commercial
refrigeration**

**Copeland Digital
Scroll**

**Single Compressor
Units**

COPELAND

Cooling solution for medium and large capacities

- An ideal choice for medium temperature refrigeration needs under varying load conditions, offering excellent energy efficiency. Commonly applied in supermarkets, cold rooms, and rapid cooling systems.
- Stepless Modulation / Capacity Control (10–100%)
- Copeland Digital Scroll compressors provide seamless capacity modulation between 10% and 100% of the nominal capacity. This ensures perfect adaptation to system load, eliminates unnecessary capacity operation, and delivers significant energy savings.
- The microchannel U condenser design reduces refrigerant charge requirements by up to 40%.



**Carel
Controller**



**Copeland
Digital Scroll**

I-PACK

R404A - R448A
R449A



iPACK			iPackC-13	iPackC-18	iPackC-26
Compressor QTY			1	1	1
Refrigerating Capacity	Medium Temp.	kW	13,15	18,2	26,6
Power Input	Medium Temp.	kW	5,68	8,42	12,85
Heating Capacity	Medium Temp.	kW	18,83	26,62	39,45
COP	Te -10°C		2,3	2,1	2,08
Dimensions	Height	mm	1887	1887	1887
	Width	mm	810	810	810
	Depth	mm	810	810	810
Weight	kg		252	252	252
Heat Exchanger			Microchannel U Condenser		
Compressor 1	Type		Copeland Dijital Scroll		
	Amper	A	9,79	15,7	24,85
	Piston Displacement	cm³/rev	83,8	116,5	170
	Compressor Model		ZBD57KCE-TFD	ZBD76KCE-TFD	ZBD114K5E-TFD
	Starting Method	-	Capacity Control		
Fan	Type		Axial Fan		
	Quantity		1		
	Air Flow Rate	m³/h	9185	10525	12,565
	Diameter	Ø	630	630	630
Fan Motor	Output	W	565	565	565
	Drive		Fan Inverter		
Sound Pressure Level	Nom.	dBA	67	67	67
Operation Range	Evaporator		-10 / +45 °C		
Refrigerant	Type		R-448A / R-449A		
	GWP		1.387		
	Charge	kg	10	15	20
Power Supply	Phase/Frequency/Voltage	Hz/V	3Ph~/50/380-415		



/ibscoolingsystem

/ibssogutma



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