

Hermetic Reciprocating Compressors

Copeland®

Copeland

CS Series



The Copeland CS welded hermetic compressors are designed for commercial refrigeration applications. They feature a “low-side” gas management system. The steel shell contains cool, low pressure suction gas that surrounds and cools the electric motor and mechanical compressor parts, resulting in lower motor and discharge gas temperatures.

All of Copeland’s newer CS products are based on the proven success of the CR6 technology. The flagship CR6 design employs enhanced gas management, better lubrication, and anti-slug suction. The result is improved energy efficiency, reduced sound and discharge pulse and excellent reliability and durability.

Service Pack Compressors with the -595 BOM are ideal for field replacement applications as they are supplied complete with internal motor protection, rubber mounting kit and electrics (single phase only).

If service valves are required these must be ordered separately.

Features

- Proven Copeland long term performance and reliability
- Optimised motors offer high energy efficiency and COP
- High volumetric efficiency at high ambient conditions
- Designed for low noise, quiet operation Charged with polyester lubricant

Single Phase

Cat. No.	Model No.	Elect. Supply: Volts/Ph.	Nom HP	Displ. cm³/ rev	Connections		Full Load Amps	Locked Rotor Amps	Capacities Watts			Previous Model
					Suction	Discharge			R404A		R134a	
									-25°C SST	-5°C SST	-5°C SST	
2708756	CS10K6E-PFJ-595	240/1	1¾	38.1	1¼"	1"	10.1	55	650	3450	1755	CR18KQ
2708757	CS14K6E-PFJ-595	240/1	2¼	48.6	1¼"	1"	12.5	58	1300	4650	2435	CR28KQ
2708754	CS18K6E-PFJ-595	240/1	2¾	61.4	1¼"	1"	13.6	58	1495	6000	3300	CR33KQ