



Introducing the Emerson Copeland Hermetic Refrigeration compressor. A range of Fractional Horse Power compressors units that are manufactured at the Emerson plant in Atit, Western India. These are applied in diverse products like bottle cooler, freezers, industrial applications, display cabinets ice machines and low temperature applications in small retail. The Copeland® Brand FHP compressors come in the KCE, KCN & KCJ series and are compatible with R-22, R-134a, R-404A & R-290 refrigerants. Stareast through Refrigeration Agencies Australia engineered solutions can also produce FHP condensing unit as a customisation solution. This high efficiency series is engineered for lower compressor sound and reduced discharge pulse to decrease system sound and vibration. It also offers industry leading levels of reliability, especially at higher ambient temperatures, which is a critical factor in warmer ambient areas in Australia.

Applications

| Low Temperature | Medium Temperature | High Temperature |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Deep Freezer • Refrigerator • Ice Cube machine • Walk-in Freezer • Laboratory Appliance | <ul style="list-style-type: none"> • Bottle Cooler • Visi Cooler • Display Cabinet • Pastry Cabinet • Softy Ice Cream | <ul style="list-style-type: none"> • Water Cooler • Oil Coolers / Panel Cooler • Water Chiller • Refrigerated Air Dryer • Walk in Cooler • Milk Cooler |



Model Selection Guide*

| Deep Freezer | | |
|-----------------|------------------|------------|
| Hard Top (L tr) | Glass Top (L tr) | Model |
| 300 | 200 | KCN372LA G |
| 400 | 300 | KCN396LA G |
| 450 | 300 | KCN411LA G |
| 450 | 300 | KCJ412LAG |
| 500 | 400 | KCN415LA G |
| 800 | - | KCJ423LAG |
| 1100 | - | KCJ430LAL |
| 1800 | - | KCJ450LAL |



| Cold Room (+4° C Room Temperature) | | | |
|------------------------------------|-----------|------------|------------|
| Room Size (cf t) | R22 | R134a | R404A |
| 500 | KCJ513HAE | KCM511C AL | KCJ484C AL |
| 800 | - | KCM511C AL | KCM511C AL |
| 1200 | - | KCM514C AL | KCM514C AL |
| 1600 | - | KCM519C AL | KCM514C AL |
| 2000 | - | KCM522C AL | KCM519C AL |
| 2500 | - | - | KCM522C AL |



| Water Cooler | | |
|-------------------|-----------|------------------------|
| Capacity (Ltr/Hr) | R22 | R134a |
| 20 | - | KCE419HA G |
| 40 | - | KCE444HA G/ KCJ444HA G |
| 60 | KCE461HAE | KCN463HA G/ KCJ467HA G |
| 100 | KCJ511HAE | KCJ498HA G |
| 150 | KCJ513HAE | KCM511C AL |
| 200 | - | KCM514C AL |
| 300 | - | KCM522C AL |

* These are preliminary guidelines. The actual compressor selection may differ from the guide lines. Please check the system details before selecting compressor model.