



METRA CLARK

Refrigeration & Air-Conditioning Wholesale



DYNAPACK

TYPE:
CDU

CONFIGURATION:
OUTDOOR

CAPACITY RANGE:
1.2 to 39 kW



COMMENTS

The DynaPack range of horizontal air-cooled condensing units have been designed as an outdoor all weather refrigeration unit. The mechanical design of the outdoor enclosure allows for on-site stacking with its unique load bearing design. Thus, reducing installation time, and costs as there is no need for additional carpentry and mounting brackets. The DynaPack range has been adapted to fit BOCK Semi-Hermetic, Copeland Scroll, Danfoss Reciprocating, and Tecumseh Reciprocating compressors. . The range includes more than **500** different model variants, with one fan condenser modules up to six fan condenser modules, suited for low-, medium-, and high temperature applications. Therefore, the DynaPack range is a highly compatible all weather range of condensing units suited for every outdoor commercial refrigeration application, under the Metraclark Dynamic brand. The DynaPack range is manufactured under strict ISO 9001:2015 quality management and all units are pressure tested before dispatching.

DESIGN

- DynaPack condensers and base frames utilize a modular design approach for stackability and ease of installation.
- Multi-refrigerant design options available: R134a, R404a, R507a, and R407F.
- Four condenser design configurations to suite all southern African ambient conditions.
- All sheet metal is fully powder coated for corrosion resistance.

OPTIONAL EXTRAS

- Condenser fan speed control.
- BluChem treatment for condenser coil.
- BPHE for hot water recovery.
- BPHE for chilled water applications.
- Stainless steel housing on request.

ENERGY EFFICIENCY OPTIONS

- Digital enhancement for energy saving: Digital and mechanical capacity unloading, VFD, and soft starters to reduce starting inrush current.

STANDARD COMPONENTS

- Powder coated outdoor enclosure.
- Copper tube and aluminium finned condenser coil block.
- EBM Axial fans with protective grill.
- Liquid receiver with outlet isolating valve.
- Suction and discharge vibration eliminators where applicable according to compressor.
- Oil separator with oil return line where applicable according to refrigerant flow rate.
- Suction accumulator on low temperature units.
- Liquid line with drier and sight glass.
- Replaceable liquid line filter drier on units with compressors of 20 HP and up.
- Individual Danfoss HP and LP switches, and pressure gauges.
- Danfoss HP Auto pressure switches for head pressure regulation on multiple fan units.
- Service valves where applicable according to compressor type.
- Thermistor motor protection module.
- Compressor crankcase heater.
- Compressor and condenser electrics.