



METRA CLARK

Refrigeration & Air-Conditioning Wholesale



DYNACOLD

TYPE:
CDU

CONFIGURATION:
OUTDOOR

CAPACITY RANGE:
1.1 to 7 kW

COMMENTS

The DynaCold range of vertical discharge air-cooled condensing units are compact, wall mounted outdoor refrigeration units. The mechanical design of the outdoor enclosure allows for air to be drawn in from the bottom of the unit and discharged through the top. The DynaCold range has been adapted to fit Danfoss Reciprocating, and Tecumseh Reciprocating compressors. The range includes 44 different model variants, with one fan condenser modules up to three fan condenser modules, suited for low- and medium temperature applications. Thus, the DynaCold range is the most well-suited outdoor range of vertical discharge condensing units for small commercial refrigeration applications with space constraints, under the Metraclark Dynamic brand. The DynaCold range is manufactured under strict ISO 9001:2015 quality management and all units are pressure tested before dispatching.

DESIGN

- DynaCold utilizes vertical discharge condensers that allows for wall mounting.
- 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.
- Copper finned condenser coil.
- Stainless steel housing on request.
- Voltage free temperature alarm output.
- Fully integrated compressor, condenser, and evaporator electrics.

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 accumulator on low temperature units.
- Liquid line with drier and sight glass.
- 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.