



## POLAPAK CONDENSING UNITS

POLAPAK Condensing Unit is a Technology and Quality driven product using Bitzer Reciprocating Compressor and Eden G4 Condenser. POLAPAK is primary used in Commercial Refrigeration application



## FEATURES

- ❖ POLAPAK provides value and reliability while reducing operating and maintenance costs
- ❖ Eden G4 Condensers used are highly efficient, reducing the number of fan motors in most models and offer lower operating delta KTD
- ❖ Bitzer semi accessible compressors provides reliable and economical operation under severe operating conditions
- ❖ Eden POLAPAK is designed to minimize vibration and offers quiet operation
- ❖ Great aesthetic finish with strong touch of sophistication
- ❖ POLAPAK offers a wide range of selection (nominal capacity from 1HP to 50HP)

## EDEN POLAPAK STANDARD ACCESSORIES

- ❖ Compressor Crankcase Heaters
- ❖ Dual Pressure Control (High side - Manual Reset, Low side - Auto Reset)
- ❖ Themoplastic Hoses (Oil and Pressure)
- ❖ Liquid Receivers
- ❖ Epoxy Coated Vibration Dampening Base Plate
- ❖ Eden G4 Air-Cooled Condensers
- ❖ Standard Pipe up of Discharge Line and Liquid Line to the Receivers
- ❖ Painted to our standard color

## OPTIONAL ACCESSORIES (Factory fitted)

- ❖ Oil Separator
- ❖ Suction Accumulator
- ❖ Liquid Line (Filter Drier, Moisture Indicator and Hand Valves)
- ❖ Electrical Control Panel
- ❖ Solenoid Valve
- ❖ Weather Protection Housing (Improve appearance and added safety)
- ❖ Wide range of external Gauges and Accessories

# SPECIFICATION

## G4 Condenser Coil Design

- ❖ Advance Smart Circuitry coil technology combined with Double Sine Wave fin to maximize the heat transfer coefficient
- ❖ Low Oil retention to further improve the heat transfer performance
- ❖ Standard 12FPI coil design with 10FPI option available
- ❖ Casing and Legs are from Galvanized Steel Sheet
- ❖ Temperature and UV Radiation resistant Powder Coating on all 500mm and 630mm Fans Models
- ❖ All Condensers can be supplied as Remote (Vertical or Horizontal Air Throw)

## Axial Fans and Venturis

- ❖ G4 Condenser uses high quality German motors with 2-speed on all 500mm and 630mm fan models
- ❖ All motors are fitted with Thermistor motor protection conforming to DIN 40050 safety standard
- ❖ Suitable for Outdoor installation and ambient temperature of -30°C to +60°C
- ❖ EC fans option available to maintain ideal discharge pressure and reduce condenser fan power input during low load condition

## Sound Pressure Level

- ❖ G4 Condenser offers Quiet Operation to meet the most stringent environment requirements of most countries and conforming to DIN 43635 and ISO 3744/3745

## Quality Assurance

- ❖ Eden POLAPAK is designed, manufactured and tested in our factories that is ISO 9001 certified

