

# CAREL REFRIGERANT DETECTION SENSORS

## DPWL Refrigerant Gas Leak Detector

For the detection of CFC, HFC and CO<sup>2</sup> refrigerant gases, CAREL proposes a new range of sensors designed to satisfy all requirements in the fields of industrial refrigeration and air conditioning (supermarkets, shopping centres, other public spaces) on units that require continuous control and monitoring, notifying the system status in order to limit the problems caused by gas leaks.

The sensors are calibrated to measure the most commonly used gases (R22, R134a, R404a, R407c, R410a and CO<sup>2</sup>). When leaks above a certain concentration are detected, the sensor sends a signal to the controller or supervisor it is connected to.

The main features are:

- Available with built in or remote sensor.
- RS485 Modbus connection fitted.
- 24Vac digital relay fitted.
- Analogue outputs available: 0-5V, 1-5V, 0-10V, 2-10V and 4-20mA.
- Local alarm with audible buzzer and red LED light
- CO<sup>2</sup> sensor is infrared

Airefrig Part Number	Description	List Price Ex GST
DPWLA07000	R22 sensor (built in), 0-1000ppm	\$912.80
DPWLB07000	R134A sensor (built in), 0-1000ppm	P.O.A.
DPWLC07000	R404A sensor (built in), 0-1000ppm	\$912.80
DPWLD07000	R407C sensor (built in), 0-1000ppm	P.O.A.
DPWLE07000	R410A sensor (built in), 0-1000ppm	\$912.80
DPWL417000	CO <sup>2</sup> sensor (built in), 0-10000ppm	\$2,264.36
DPWLA27000	R22 sensor (remote 5m), 0-1000ppm	P.O.A.
DPWLB27000	R134A sensor (remote 5m), 0-1000ppm	P.O.A.
DPWLC27000	R404A sensor (remote 5m), 0-1000ppm	P.O.A.
DPWLD27000	R407C sensor (remote 5m), 0-1000ppm	P.O.A.
DPWLE27000	R410A sensor (remote 5m), 0-1000ppm	P.O.A.
DPWL427000	CO <sup>2</sup> sensor (remote 5m), 0-10000ppm	P.O.A.

