CLYDE EQUIPMENT (PACIFIC) LTD

IR 37-PE
Rotary Screw Air Compressor

CLYDE

Introducing the Ingersoll-Rand IR 37-PE.

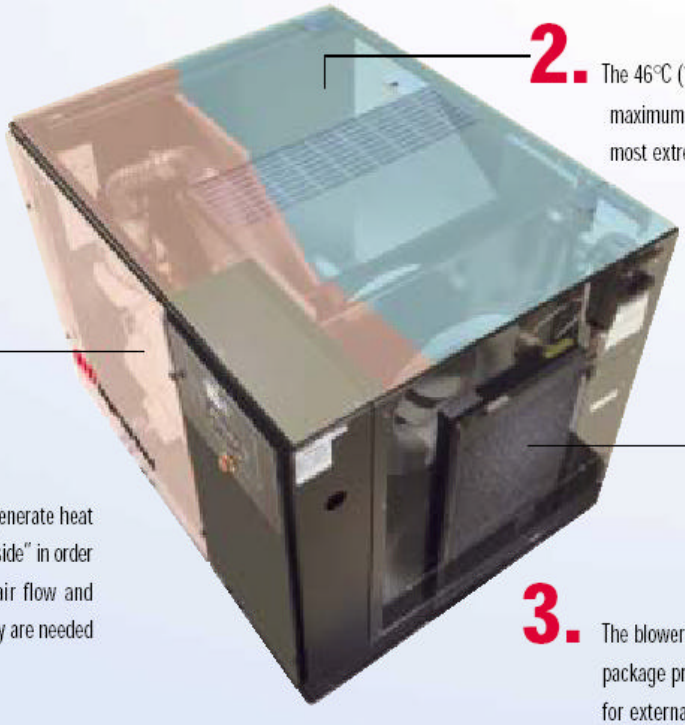
The quietest, most efficient, easiest-to-service air compressor in its class.

Reliability, efficiency, serviceability and low noise; everything you're looking for in a compressed air solution. All these unique qualities are available in a package specifically designed to deliver superior acoustic containment and optimum performance efficiency at 37 kW.

- The rugged, durable, time-proven Ingersoll Rand airend delivers the ultimate in mechanical reliability.
- Low noise, high efficiency blower fan cooling allows for maximum cooling in ambients up to 46°C (115°F)
- The heavy duty, fully cast separator system is designed to last and allows for quick, simple coolant system maintenance.
- Integrated Intellysis control brings technology to the otherwise simple package design. The intellysis auto control select (ACS) automatically selects the optimum compressor operating mode to minimise energy costs.

The Heat Stays Out. The Noise Stays In.

The IR 37-PE is uniquely designed to keep the heat out of the package and the noise in. The combination of super-efficient cooling and noise reduction results in a compressor that will run in the most extreme conditions and still achieve maximum performance.



1. All of the components that generate heat are put together on the "hot side" in order to concentrate maximum air flow and sound attenuation where they are needed most.

2. The 46°C (115°F)-rated package delivers maximum performance even under the most extreme ambient conditions.

3. The blower wheel used to draw air through the package provides a half inch of static pressure for external ducting while keeping the overall package sound level to a low 69 db(A).

Reliability = Uptime + Fast Maintenance

The most important compressed air solution in today's global business environment is reliability. An air compressor must deliver maximum uptime along with the quickest routine maintenance. In the IR 37-PE, Ingersoll-Rand has achieved the ultimate in reliability.

The unique cooling system design in the IR 37-PE allows the compressor to operate at its optimum temperature in ambient conditions up to 46°C (115°F).

Routine maintenance must be quick and simple. The IR 50-PE achieves this with its spin on air filter elements, quick-change air filter and 9000 hour coolant life.

Options to Meet All Operating Conditions

Relay Controller

The optional relay controller, includes a control module which provides starting, stopping, capacity and pressure control, together with operating and safety protection for the package. Operation of the compressor is very simple and user friendly. The instrument panel is mounted on the front of the compressor, directly above the starter and provides good visibility.

Frost Protection

When site ambient conditions are expected to fall below freezing, IR offers separate field installation kits for IR 37-PE units. For installation convenience, the thermostatically controlled frost protection kits are connected to separate single-phase power supplies and include space heaters and trace heating to protect the units down to temperatures as low as -10°C (14°F). Once the compressor is running, thermostatic controls switch off the heater circuits.

Power Outage Restart

In the event of a compressor power outage shutdown, Power Outage Restart will automatically provide a visual and audible warning once power is restored and will then automatically restart the compressor and return it to its previous operating condition.

Outdoor Modification

To further protect the compressor from rainwater ingress, IR offers an intake louver for the pre-filter, and a discharge cowling for the cooling air outlet.

50Hz IR 37-PE Performance

	Free Air Delivery - M³/min(1)							
kW	ML 7.5 barg	MM 8.5 barg	MH 10 barg	MXU 14 barg	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
37-PE	6.2	6.0	5.7	4.8	1670	1341	1344	1064

(1) FAD (Free Air Delivery) CFM and M³/Min. are ratings of full package performance in accordance with CAGI-PNEUROP acceptance test standard PN2CPTC2 or ISO1217: 1996 Annex C.