

HPC Pulsair Rotary Screw Compressor With Receiver

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Stock No	AR0021
Model	SM11 (RM)
Year of Manufacture	1991
Serial	RP 0654
CFM/Kw	40 / 7.5kW
Compressor Type	Rotary Screw
Other Info	Highly prized for performance-lifespan
Weight (kgs)	250kg
External Dimensions (WxDxH mm)	600 x 1150 x 1400mm

Description

This second hand HPC Plusair SM11 (RM) has the compressor mounted onto a matching horizontal air receiver.

The HPC series are Rotary Screw Compressors with a belt drive allowing the pressure and output to be varied to suit the

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required application by simply changing the pulley ratio's

Technical Specification:

- FAD @ working pressure = 1.145 m³/min @ 7.5 bar to 0.975 m³/min @ 11bar
- Motor size 7.5kW
- Sound level 69dB(A)
- Overall dimensions 600 x 1150 x 1400mm
- Weight 250kg

Receiver details:

- Code BS 5169 III E
- Test press - 16.5 bar
- Des. Press - 11 bar
- Temp range - 10C + 120C
- Capacity - 150 Ltrs

HPC Plusair : S M Series design features include:

- Two stage air intake filter to ensure the air for 10 compression is clean and dust free to 3 micron.
- SIGMA Profile airend dynamically balanced for quiet running and a pressure range of 3.5 - 15 bar.
- High efficiency CEMEP EFF1* electric motor with thermal overload protection.
- SIGMA Fluid injection port for the sealing, cooling and lubrication within the airend.
- Air/Oil separator with min/max oil level sight glasses, safety valve and pressure gauge.
- Oil cooler designed for up to 15bar working pressure
- Micro oil filter designed specifically for higher pressure heavy duty operation.
- Oil separation cartridge. High flow, multi-stage high efficiency separation. Oil carry-over typically 1-3ppm+.
- Minimum pressure non return valve to maintain internal off load pressure at 1.5 bar.
- Aftercooler typically provides compressed air discharge temperatures of 60°C above ambient this means that less energy is required to dry the air downstream.
- Thermostatic valve ensures rapid warm up and minimises condensate accumulation.
- Air inlet valve controls the air intake of the compressor.
- Control and Separator Vent Valve linked to operating pressure to ensure and maintain off-load running.
- Belt Drive High efficiency positive drive allowing pressure flexibility of 0.5bar increments.
- Automatic belt tensioning device maintains optimum transmission adjustment.

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.