

**QUALITY  
WITHOUT  
COST**



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### Why choose SCR?

- ✓ Large stock of consumables and spares
- ✓ Trained support engineers
- ✓ Local support from approved partners
- ✓ Wide range of models available from stock
- ✓ Optional extended warranties
- ✓ Air treatment packages
- ✓ Wide range of ancillaries
- ✓ Installation and commissioning service
- ✓ Service packages tailored to your needs



SCR Model Code	Output m3/min @ 7.0 barG	Motor (kW)	Dimensions (mm) LxWxH	Weight (kg)	Outlet Size
SCR10PM2	0.3 to 1.3	7.5	1197x500x1125	280	BSP 0.5
SCR15PM2	0.6 to 2.0	11	1197x605x1220	320	BSP 0.75
SCR20PM2	0.6 to 2.6	15	1197x605x1220	340	BSP 0.75
SCR20EPM	0.7 to 3.0	15	1200x800x1100	460	BSP 1
SCR25EPM	0.9 to 3.7	18.5	1200x800x1100	480	BSP 1
SCR30EPM	1.0 to 4.3	22	1820x1000x1360	960	BSP 1.5
SCR40EPM	1.7 to 6.5	30	1300x950x1370	830	BSP 1.5
SCR50EPM	1.8 to 7.5	37	1300x950x1370	850	BSP 1.5
SCR60EPM	2.3 to 9.4	45	1300x1030x1520	890	BSP 1.5
SCR75EPM	3.3 to 12.5	55	2150x1350x1500	1960	BSP 2
SCR90EPM	3.5 to 14.3	63	2300x1350x1500	2150	BSP 2
SCR100EPM	4.3 to 17.5	75	2900x1620x1692	2800	DN65
SCR125EPM	5.4 to 20.6	90	2900x1620x1692	2850	DN65
SCR150EPM	6.7 to 25.6	110	2800x1750x1692	3050	DN65

Flows are tested to ISO 1217 (Annex C) at max speed  
Pressures up to 10.0 barG available  
PM2 compressors are mounted on a 120 litre receiver  
Motors are 400V ±10%

Sound levels below ~68 dBA  
IP65 oil cooled motor up to 55kW  
75kW and above air cooled motor  
Specifications are subject to change without prior notice



**AIR COMPRESSORS**

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## PERMANENT MAGNET VARIABLE SPEED COMPRESSORS



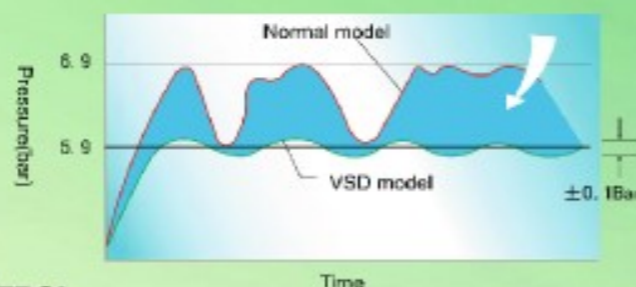
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## PM2 — 7.5kW to 15kW



### PRESSURE CONTROL

The ultra efficient variable speed drive ensures pressure is controlled within  $\pm 0.1 \text{ BarG}$  to give improved pressure control over traditional load/unload control. This enables network pressure reduction and additional power savings.

### PERMANENT MAGNET TECHNOLOGY

IE4 super premium efficiency motors, deliver the lowest energy usage.

### OUTPUT

Up to 20% more flow compared to standard screw compressors.

### LOW ENERGY USAGE

PM2 compressors maximise the energy saving potential.

### WIDE SPEED RANGE

An exceptional variable speed range ensures greater efficiency over a wider operating band.

### INNOVATIVE MOTOR

The IP65, oil cooled, bearing free motor allows operation in challenging environments.

### FOOTPRINT

The compact flip top enclosure, and unique dual purpose air receiver minimise space usage.

### COMPACT DESIGN

Maintenance friendly, all components are easily accessible for maintenance.

### 1:1 DIRECT DRIVE

Preventing gearbox and belt transmission losses.

### LOW NOISE

Permanent magnet technology and enclosure design delivers reduced noise levels ~68 dBA.

### COOLING

30% oversized coolers gives greater reliability and efficiency, especially at low speeds.

### SIMPLIFIED DESIGN

A low component count delivers greater reliability and reduced service costs.

### TIMER FUNCTION

Internal timer prevents unnecessary running and energy wastage over periods of no demand.

## EPM — 15kW to 110kW



**OUTPUT** - Up to 25% more flow compared to standard screw compressors.

**VSD COOLING FAN** - Varying the cooling fan speed reduces noise and energy consumption.

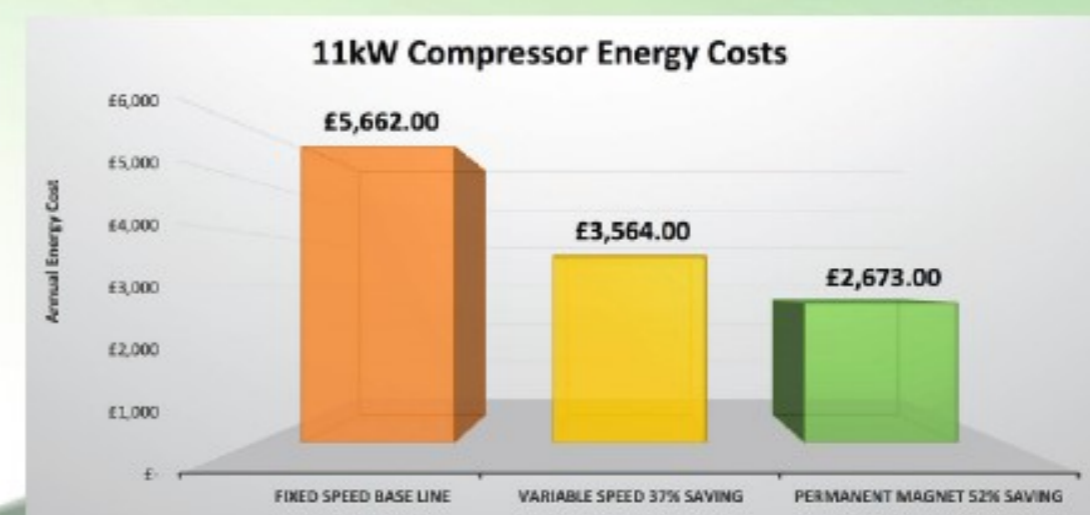
**TOUCH SCREEN CONTROLLER** - Intuitive touch screen control ensures ease of operation.

**PRESSURE SCHEDULING** - Reduced energy usage at weekends and nights.

**LOW SPEED AIREND** - Low rotation speed reduces wear and load on components.

**EPM compressors share many of the features and benefits of the smaller PM2 compressors.**

The example below is based 6000 hrs per annum at 12p/kWh.



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