

**Motor Size** FULLY COMPLIANT WITH REQUIREMENTS OF CEMEP EFF1 15 kW

Dimensions		Length	Width	Height	Nett Weight
	Nett	788 mm	820 mm	1500 mm	335 Kg
Gross	870 mm	920 mm	1620 mm	365 Kg	

**Free Air Delivery ± 5%** 2.544 m<sup>3</sup>/min (89.8 cfm) at 7.5 bar  
2.205 m<sup>3</sup>/min (77.9 cfm) at 10 bar  
1.781 m<sup>3</sup>/min (62.9 cfm) at 13 bar

### Major Components

Plusair Screw Compressor Model	SK26
Refrigerant Dryer Model	TU26
Suggested Water Separator Model #	WS50
Suggested Pre and After Filter Models	AO/AA-0058G

### Recommended Air Receiver

Minimum Capacity	250 lts
Maximum Working Pressure	15 bar

### Miscellaneous

Average Noise Level @ 1 metre	67 dB(A)
Supply Voltage (compressor)	400/3/50 + E
Supply Voltage (dryer)	230/1/50 + N + E
Package input power (compressor)	17.85 kW
Power consumption (dryer)	0.66 kW

### Delivered Air Quality

Pressure Dewpoint (based on nominal conditions)	+ 3°C
Maximum Oil Carry Over @ 21°C (assuming suggested filtration)	0.01 ppm
Maximum Particle Size (assuming suggested filtration)	0.01 micron

### For Guidance Only

#### Compressor Electrics

Suggested cable cross section (Cu-multicore) in mm<sup>2</sup> for maximum 30 metre run (consult the latest edition of BS7671 IEE wiring regulations) 4 x 6  
Isolator to be fitted with HRC motor rated fuse links 35 amps  
For use of MCB please consult HPC if necessary or **preferably the electrical installation contractor!**  
Isolator size to be at least of the same rating as recommended fuse!

#### Dryer Electrics

Suggested Cable Size for maximum 30 metre run 1.5 mm<sup>2</sup>  
(consult the latest edition of BS7671 IEE wiring regulations)  
Suggested Isolator size 13 or 15 amp socket correctly installed

# The separator **must** be fitted if air is to be dried before storage in the air receiver.

<b>Refrigerant Dryer Type</b>	TU26
<b>Nominal air flow ±5%</b>	2.55 m <sup>3</sup> /min (90.1 cfm)
<b>Maximum working pressure</b>	16 bar

### General details

Nominal air pressure drop	0.18 bar
Pressure dew point	3°C
Compressed air connection	G1"
Condensate drain connection	10mm Hose
Power absorbed	660 W
Supply voltage	230/1/50 +N +E
Maximum running current	5.4 amps
Control cabinet insulation class	IP54
Minimum ambient operating temperature	5°C
Maximum ambient operating temperature	43°C

Nominal conditions: 25°C ambient temperature, 35°C air on temperature, 7 bar inlet pressure.

### Refrigerant system

Refrigerant type	R134a
Refrigerant quantity	0.7 Kg
Maximum refrigerant pressure	18 bar
Cooling air flow	870 m <sup>3</sup> /hr