

# FLUIDAIR RS 18 SPECIFICATION

## Standard Equipments

Screw compressor  
 415V/3ph/50hz IP 54 TEFV models.  
 Motor drive system with belt-pulley.  
 Removable acoustic lined panels.  
 Rigid steel canopy.  
 Glass fibre pre-filter.  
 Five micron dry type air inlet filter.  
 Air/oil separator element with 3 ppm efficiency.  
 Ten micron full flow oil filter.  
 Minimum pressure valve.  
 Pressure relief valve.  
 Star-Delta starter.  
 Fluidair Logic 20 electronic control panel.  
 Power on lamp.  
 Start/stop buttons.

## Safety System

Warning for all shutdown.  
 Main motor overload shutdown.  
 Fan motor overload shutdown.  
 Low voltage shutdown.  
 Phase failure/reversal shutdown.  
 High airend discharge temperature shutdown.  
 Low airend discharge temperature shutdown.  
 High discharge pressure shutdown.  
 Pressure sensor fault shutdown.  
 Temperature sensor fault shutdown.  
 High airend discharge temperature pre-warning.  
 Blocked air filter warning.  
 Service Interval warnings.  
 Pressure relief valve.  
 Emergency stop button.

## Cooling System

High efficiency combi "Plate&Bar" type air/oil aftercooler. Cooling fan mounted on motor.  
 Factory filled with 2000 hours oil.



## High Quality electrical components

chosen for long term reliability.

## Efficient Oil Separation System

## Driving System

Easily replaceable belts.  
 Trouble-free belt tensioning system.

## Compact Cabinet Design

Compact design that allows trouble free maintenance and access to every part of the compressor.

## Electric Motor

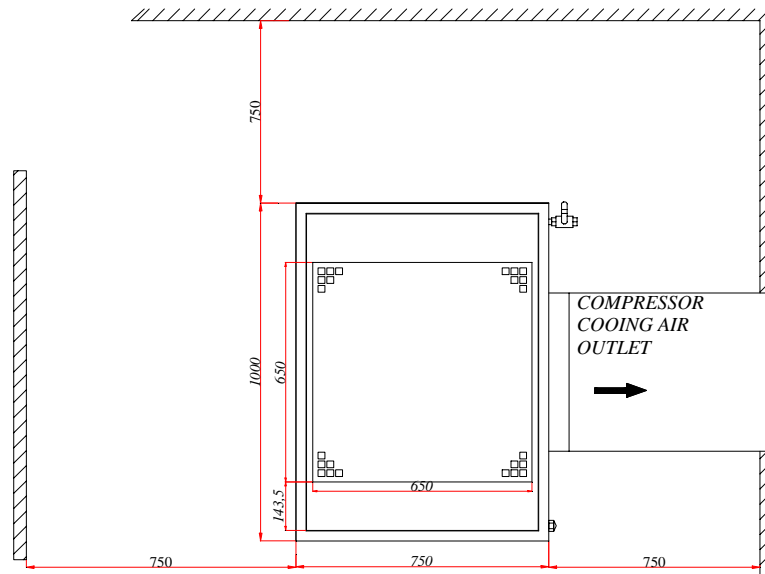
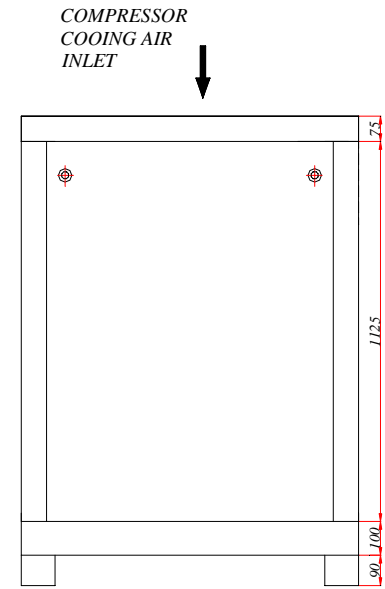
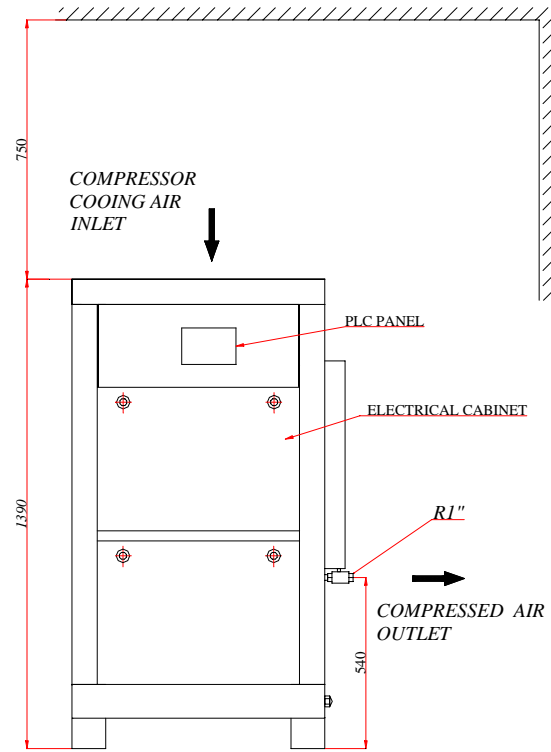
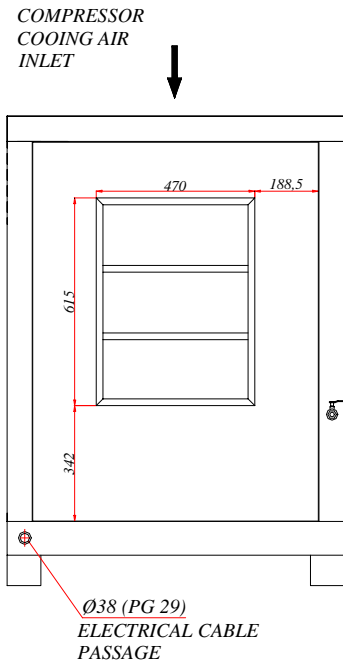
415V/50hz/3ph IP54 TEFV

## Air Intake System

Replaceable glass fibre panel type pre-filter and dry type paper filter element eliminates dusty environment problems. The air intake fan creates a turbo effect inside of cabinet, this effect provides efficient cooling and helps the airend intake capacity

BAR	CFM	M3/MIN	KW/HP	FULL LOAD CURRENT	FUSE SIZE	OVERLOAD SETTING	STARTING METHOD	CABLE SIZE
8	109	3.1	18.5/25	36	M50	20.5	STAR/DELTA	10mm <sup>2</sup>
10	88	2.5						
13	74	2.1						
L x W x H (mm)			WEIGHT (KG)	OUTLET SIZE (BSP)	NOISE LEVEL (dBA)	OIL CAPACITY	MAXIMUM OPERATING TEMP	MINIMUM OPERATING TEMP
LENGTH	WIDTH	HEIGHT						
1000	800	1390	510	1	72	16	40°C	-5°C

Fluidair International LTD. School Hill Works, Kent Street, Bolton, Manchester, United Kingdom.  
 Tel:+44(0)1204559955 Fax:+44(0)1204559966 Email:sales@fluidair.co.uk



**RS 15, 18 & 22 MINIMUM SPACE  
REQUIREMENTS**

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ISSUE

1