

COMPRESSOR

REFERENCE: AIR COMPRESSOR 1 Compressed Air DESIGN System Water Cooled - VARIABLE Speed **Equipment Description** INFORMATION Rotary Screw - Oil Free Type No off 1 Size 132 kW **Connection Size** 80 mm 5 l/s **Un-Diversified Load** 2 l/s **Diversified Load** Free Air Delivery 340 l/s 8.5 bar **Operating Pressure** 35 C **Operating Summer Temp** Compressor Type 2 stage screw compressor - oil free One Number of circuits One Number of compressors **Cooling Media** Water Cooled Yes: ER275 c/w duplex pumps, controls & Heat Recovery Module interconnecting pipework LTHW flow (kg/s) 132 kW Reheat capacity (max) 3000 litres (shared) Air Receiver capacity Integral Drier **Dry Cooler Details** Air cooled blast cooler 4040mm Length 1650mm Width 2008mm Height Weight 3,500 kg c/w activated carbon filter, partical filter, pumps and Comments pipework to heat recovery units & controls 53.30 / 290 CI/Sfb No MAINTENANCE H&S DATA Maintenance Status Task Sheet No **Task Sheet Comments** INSTALLATION Manufacturers Name Atlas Copco DATA Model /Type ZR132VSDFF-50-9 2014 Installation Date 20 Life Expectancy (yrs) Initial Value (£) LOCATION Example Name **Building Name Building Reference** Example Reference Ground Floor Grid Ref (x-y) coord Compressed Air Plant Room Room Name ELECTRICAL **Electricity Supply** 415 3 phase Inverter Starting Current DATA Full Load Current 220 amps Power (kW) 132 kW

COMPRESSOR

REFERENCE:	AIR COMPRESSOR 2
System	Compressed Air
Equipment Description	Water Cooled - FIXED Speed
Туре	Rotary Screw - Oil Free
No off	1
Size	132 kW
Connection Size	80 mm
Un-Diversified Load	5 l/s
Diversified Load	2 l/s
Free Air Delivery	326 l/s
Operating Pressure	8.5 bar
Operating Summer Temp	35 C
Compressor Type	2 stage screw compressor - oil free
Number of circuits	One
Number of compressors	One
Cooling Media	Water Cooled
Heat Recovery Module	Yes: ER275 c/w duplex pumps, controls & interconnecting pipework
LTHW flow (kg/s)	
Reheat capacity (max)	132 kW
Air Receiver capacity	3000 litres (shared)
Drier	Integral
Dry Cooler Details	Air cooled blast cooler
Length	3440mm
Width	1650mm
Height	2008mm
Weight	2,940 kg
Comments	c/w activated carbon filter, partical filter, pumps and pipework to heat recovery units & controls
CI/Sfb No	53.30 / 290
Maintenance Status	H&S
Task Sheet No	
Task Sheet Comments	
Manufacturers Name	Atlas Copco
Model /Type	ZR132FF-50-8
Installation Date	2014
Life Expectancy (yrs)	20
Initial Value (£)	
Building Name	Example Name
Building Reference	Example Reference
Floor	Ground
Grid Ref (x-y) coord	
Room Name	Compressed Air Plant Room
Electricity Supply	415 3 phase
Starting Current	750 amps
Full Load Current	250 amps
Power (kW)	132 kW