

REFERENCE: AIR COMPRESSOR 1

DESIGN INFORMATION	System	Compressed Air
	Equipment Description	Water Cooled - VARIABLE Speed
	Type	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	340 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	4040mm
	Width	1650mm
Height	2008mm	
Weight	3,500 kg	
Comments	c/w activated carbon filter, partical filter, pumps and pipework to heat recovery units & controls	
MAINTENANCE DATA	CI/Sfb No	53.30 / 290
	Maintenance Status	H&S
	Task Sheet No	
	Task Sheet Comments	
INSTALLATION DATA	Manufacturers Name	Atlas Copco
	Model /Type	ZR132VSDFF-50-9
	Installation Date	2014
	Life Expectancy (yrs)	20
	Initial Value (£)	
LOCATION	Building Name	Example Name
	Building Reference	Example Reference
	Floor	Ground
	Grid Ref (x-y) coord	
	Room Name	Compressed Air Plant Room
ELECTRICAL DATA	Electricity Supply	415 3 phase
	Starting Current	Inverter
	Full Load Current	220 amps
	Power (kW)	132 kW

COMPRESSOR

REFERENCE: AIR COMPRESSOR 2	
System	Compressed Air
Equipment Description	Water Cooled - FIXED Speed
Type	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