

Temperature Relief Valve Pressure Reducing Valve



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Job Title: Victory House					Date:	04/11/201	1
Job Number: 218598	Sta	tus: Tend	der		Revision:	T1	
General Information				Suggested Supplier			
Number Required		2		Model Reference	Turbo Charger		
Location	Base	ment		Manufacturer	Lochinvar		
System	Hot Wate	r Service		Contact Name	Richard Brown		
Туре	Gas Fired Water Heater		r	Telephone Number	07973 924 157		
_				Or Equal			
Performance	Required	Offered		Construction			
Heat Input	73.2	Gilorda	kW/hr	Shell Material			T
Hot Water Flowrate	1224		l/hr	Shell Finish			†
Storage Capacity	379		litres	Inlet Connection Type			†
Incoming Water Temperature			°C	Outlet Connection Type			7
Secondary Flow Temperature			°C	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			_
Max. Working Temperature	82		°C				
Max. Working Pressure	1030		kPa	Dimensions			
Min. Working Pressure			kPa	Overall Length			mm
Test Pressure			kPa	Overall Width / Ø	72	21	mm
Max. Gas Pressure			kPa	Overall Height	198	81	mm
Min. Gas Pressure			kPa	Clear Space Above	45	50	mm
Gas Consumption	6.98		m³/hr	Inlet Connection Ø	4:	2	mm
Expansion Vessel Capacity			litres	Outlet Connection Ø	4:	2	mm
Storage Vessel Capacity			litres	Drain Connection Ø	3	5	mm
				Return Connection Ø	3	5	mm
				Flue Ø	10)0	mm
Electrics	Required	Offered		Operational Weight	76	34	kg
Electrical Supply	230		V/Ø	Gas Supply Connection Ø	2:	2	mm
Electrical Frequency	50		Hz				
Duty Load	0.2		kW				
Starting Current			A	BMS Output	Required	Offered	
Running Current			A	Common Alarm Volt Free Contac	t 📙		
Power Source		_		Temperature Sensor In			
Normal Feed				Temperature Sensor Out			
Essential Feed							
Options	Required	Offered					
Support Cradles							
Lifting Lugs							
Safety Valve							
Bursting Disc	<u>~</u>						
Pressure Gauge							
Temperature Gauge							
High Limit Thermostat	브						
Pressure Relief Valve	▽						





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Options	Required Offered			
Non Retrun Valve				
Sockets for Control Sensors				
Strainer				
Expansion Vessel				
Strorage Vessel				
Unvented Sytem Kit				
Test Points				
Anti-Stratification Pump				
Additional Information		Comments		
All alarm volt free contacts	shall be fail safe. Contacts	_		
shall be normally open, clo	sed when healthy, open on			
alarm or loss of power				
2 All volt free contacts to be	rated at 3A inductive			
at 230 VAC.				
3 Heater to include BMS inte	erface kit, elevated base and			
Condensate neutralisation	kit			
4 Refer to separate EDS for	further details on			
circulating pump.				
5 Power supply and control of	cables that are not part of the			
	d by the electrical / controls			
engineer.	-			
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		_		
11 Operation Narative				