

MAINS PRESSURE HOT WATER STORAGE SYSTEM COMMISSIONING CHECKLIST

This Commissioning Checklist is to be completed in full by the competent person who commissioned the storage system as a means of demonstrating compliance with the appropriate Building Regulations and then handed to the customer to keep for future reference.

Failure to install and commission this equipment to the manufacturer's instructions may invalidate the warranty but does not affect statutory rights.

Customer name:		Telephone number:	
Address: 5 BROOKLYN MEWS			
Cylinder Make and Model CENTER STORE 150L			
Cylinder Serial Number R D D 2 0 2 9 0 0 0 1 5 B N			
Commissioned by (PRINT NAME):		Registered Operative ID Number	
Company name: MAC ENERGY		Telephone number: 01534	
Company address: VICTORIA STREET, ST HELENS, SE2 4TG			
Commissioning date: 23-3-21			
To be completed by the customer on receipt of a Building Regulations Compliance Certificate*:			
Building Regulations Notification Number (if applicable)			
ALL SYSTEMS PRIMARY SETTINGS (indirect heating only)			
Is the primary circuit a sealed or open vented system?		Sealed	Open
What is the maximum primary flow temperature?			°C
ALL SYSTEMS			
What is the incoming static cold water pressure at the inlet to the system?		4	bar
Has a strainer been cleaned of installation debris (if fitted)?		<input checked="" type="radio"/> Yes	<input type="radio"/> No
Is the installation in a hard water area (above 200ppm)?		<input type="radio"/> Yes	<input type="radio"/> No
If yes, has a water scale reducer been fitted?		<input type="radio"/> Yes	<input type="radio"/> No
What type of scale reducer has been fitted?			
What is the hot water thermostat set temperature?		65	°C
What is the maximum hot water flow rate at set thermostat temperature (measured at high flow outlet)?		12	l/min
Time and temperature controls have been fitted in compliance with Part L of the Building Regulations?			<input checked="" type="radio"/> Yes
Type of control system (if applicable)		Y Plan	S Plan
Is the cylinder solar (or other renewable) compatible?		<input type="radio"/> Yes	<input type="radio"/> No
What is the hot water temperature at the nearest outlet?		62	°C
All appropriate pipes have been insulated up to 1 metre or the point where they become concealed			<input checked="" type="radio"/> Yes
UNVENTED SYSTEMS ONLY			
Where is the pressure reducing valve situated (if fitted)?			
What is the pressure reducing valve setting?		3	bar
Has a combined temperature and pressure relief valve and expansion valve been fitted and discharge tested?		<input checked="" type="radio"/> Yes	<input type="radio"/> No
The tundish and discharge pipework have been connected and terminated to Part G of the Building Regulations			<input checked="" type="radio"/> Yes
Are all energy sources fitted with a cut out device?		<input checked="" type="radio"/> Yes	<input type="radio"/> No
Has the expansion vessel or internal air space been checked?		<input checked="" type="radio"/> Yes	<input type="radio"/> No
THERMAL STORES ONLY			
What store temperature is achievable?			°C
What is the maximum hot water temperature?			°C
ALL INSTALLATIONS			
The hot water system complies with the appropriate Building Regulations			<input checked="" type="radio"/> Yes
The system has been installed and commissioned in accordance with the manufacturer's instructions			<input checked="" type="radio"/> Yes
The system controls have been demonstrated to and understood by the customer			<input checked="" type="radio"/> Yes
The manufacturer's literature, including Benchmark Checklist and Service Record, has been explained and left with the customer			<input checked="" type="radio"/> Yes
Commissioning Engineer's Signature			
Customer's Signature			
(To confirm satisfactory demonstration and receipt of manufacturer's literature)			

*All installations in England and Wales must be notified to Local Authority Building Control (LABC) either directly or through a Competent Persons Scheme. A Building Regulations Compliance Certificate will then be issued to the customer.



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Customer name:		Telephone number:	
Address: 8 BROOKLYN MEWS			
Cylinder Make and Model CENTER STORE 150L			
Cylinder Serial Number KDD202700019BN			
Commissioned by (PRINT NAME): [REDACTED]		Registered Operative ID Number [REDACTED]	
Company name: MAC ENERGY		Telephone number: 01534 [REDACTED]	
Company address: VICTORIA STREET, ST HELEIR, SE2 4TG			
Commissioning date: 23-3-21			
To be completed by the customer on receipt of a Building Regulations Compliance Certificate*:			
Building Regulations Notification Number (if applicable)			
ALL SYSTEMS PRIMARY SETTINGS (indirect heating only)			
Is the primary circuit a sealed or open vented system?		Sealed	Open
What is the maximum primary flow temperature?			°C
ALL SYSTEMS			
What is the incoming static cold water pressure at the inlet to the system?		4	bar
Has a strainer been cleaned of installation debris (if fitted)?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Is the installation in a hard water area (above 200ppm)?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, has a water scale reducer been fitted?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
What type of scale reducer has been fitted?			
What is the hot water thermostat set temperature?		65	°C
What is the maximum hot water flow rate at set thermostat temperature (measured at high flow outlet)?		12	l/min
Time and temperature controls have been fitted in compliance with Part L of the Building Regulations?		<input checked="" type="checkbox"/> Yes	
Type of control system (if applicable)		Y Plan	S Plan
Is the cylinder solar (or other renewable) compatible?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
What is the hot water temperature at the nearest outlet?		65	°C
All appropriate pipes have been insulated up to 1 metre or the point where they become concealed		<input checked="" type="checkbox"/> Yes	
UNVENTED SYSTEMS ONLY			
Where is the pressure reducing valve situated (if fitted)?			
What is the pressure reducing valve setting?		3	bar
Has a combined temperature and pressure relief valve and expansion valve been fitted and discharge tested?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
The tundish and discharge pipework have been connected and terminated to Part G of the Building Regulations		<input checked="" type="checkbox"/> Yes	
Are all energy sources fitted with a cut out device?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Has the expansion vessel or internal air space been checked?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
THERMAL STORES ONLY			
What store temperature is achievable?			°C
What is the maximum hot water temperature?			°C
ALL INSTALLATIONS			
The hot water system complies with the appropriate Building Regulations		<input checked="" type="checkbox"/> Yes	
The system has been installed and commissioned in accordance with the manufacturer's instructions		<input checked="" type="checkbox"/> Yes	
The system controls have been demonstrated to and understood by the customer		<input checked="" type="checkbox"/> Yes	
The manufacturer's literature, including Benchmark Checklist and Service Record, has been explained and left with the customer		<input checked="" type="checkbox"/> Yes	
Commissioning Engineer's Signature: [REDACTED]			
Customer's Signature			
(To confirm satisfactory demonstration and receipt of manufacturer's literature)			

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Customer name:		Telephone number:	
Address: 9 BROOKLYN MEWS 150L			
Cylinder Make and Model: CENTER STORE 150L			
Cylinder Serial Number: RDD203800027BN			
Commissioned by (PRINT NAME):		Registered Operative ID Number:	
Company name: MAC ENERGY		Telephone number: 01534	
Company address: VICTORIA STREET, ST HELENS, J62 4TG			
Commissioning date: 23-3-21			
To be completed by the customer on receipt of a Building Regulations Compliance Certificate*:			
Building Regulations Notification Number (if applicable):			
ALL SYSTEMS PRIMARY SETTINGS (indirect heating only)			
Is the primary circuit a sealed or open vented system?		Sealed	Open
What is the maximum primary flow temperature?			°C
ALL SYSTEMS			
What is the incoming static cold water pressure at the inlet to the system?		4	bar
Has a strainer been cleaned of installation debris (if fitted)?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Is the installation in a hard water area (above 200ppm)?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, has a water scale reducer been fitted?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
What type of scale reducer has been fitted?			
What is the hot water thermostat set temperature?		65	°C
What is the maximum hot water flow rate at set thermostat temperature (measured at high flow outlet)?		12	l/min
Time and temperature controls have been fitted in compliance with Part L of the Building Regulations?			<input checked="" type="checkbox"/> Yes
Type of control system (if applicable)		Y Plan	S Plan Other
Is the cylinder solar (or other renewable) compatible?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
What is the hot water temperature at the nearest outlet?		65	°C
All appropriate pipes have been insulated up to 1 metre or the point where they become concealed			<input type="checkbox"/> Yes
UNVENTED SYSTEMS ONLY			
Where is the pressure reducing valve situated (if fitted)?			
What is the pressure reducing valve setting?		3	bar
Has a combined temperature and pressure relief valve and expansion valve been fitted and discharge tested?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
The tundish and discharge pipework have been connected and terminated to Part G of the Building Regulations			<input checked="" type="checkbox"/> Yes
Are all energy sources fitted with a cut out device?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Has the expansion vessel or internal air space been checked?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
THERMAL STORES ONLY			
What store temperature is achievable?			°C
What is the maximum hot water temperature?			°C
ALL INSTALLATIONS			
The hot water system complies with the appropriate Building Regulations			<input checked="" type="checkbox"/> Yes
The system has been installed and commissioned in accordance with the manufacturer's instructions			<input checked="" type="checkbox"/> Yes
The system controls have been demonstrated to and understood by the customer			<input checked="" type="checkbox"/> Yes
The manufacturer's literature, including Benchmark Checklist and Service Record, has been explained and left with the customer			<input checked="" type="checkbox"/> Yes
Commissioning Engineer's Signature			
Customer's Signature			
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