PiPeSW 60|65|75

THREADED PUSHFIT UK

SAP CHECKLIST & CERTIFICATE

SAP

Customer Details: _____

Customer Name: _____

Address: _____

_____

_____

_____

Telephone Number: _____

Date of Installation: _____

Name of Lead Contractor: _____

Installer Name/Company: _____

Project Reference Number: _____

NCM (SAP) Identifier: _____

Technology Type: Waste Water Heat Recovery System (WWHRS)

Technology Category: Instantaneous Shower Heat Recovery

Brand Name: _____

Model Name: _____

Model Qualifier (tick) : System A ◯ System B ◯

Completion of this document is a requirement for inclusion of product data within the Standard Assessment Procedure.

Note: All checklist items must be ticked in order for this WWHRS product to be used in SAP calculations. Systems must be designed and configured correctly to achieve the energy savings associated with this product.

SAP CHECKLIST & CERTIFICATE

STANDARD ASSESSMENT PROCEDURE

Instantaneous Waste Water Heat Recovery Systems Design Checklist for Configurations A & B

Refer to the unit's installation manual and to installation drawings and specification for the plumbing and drainage installation configurations and locations. The installation must comply with Approved Document Part H (2002) of the Building Regulations and the manufacturer's installation guidance.

NOTE: Instantaneous Electric Showers (IES) can be connected to WWHRS but in most cases will not reduce energy consumption, they will therefore not be counted within the SAP calculation. Hand-held showers (showers not fixed above head height) are ignored for the purposes of the SAP calculation.

SECTION 1: INSTALLATION

1. DWELLING EVALUATION	DECISION Tick as appropriate
Has the system installer given due consideration to DHW delivery performance (water pressure and flow rate) as a result of WWHRS induced pressure drop?	◯
Is the dwelling hot water system (DHW) a mains pressure system, such as Combination Boiler or Unvented cylinder?	◯
Does the water heater accept a preheated water inlet (Max. 30 °C)? (N/A if installed in System B configuration.)	◯
Does the shower(s) use a thermostatic mixing valve? (Ignore instantaneous electric showers.)	◯
Is the WWHRS installed within the dwelling heated envelope?	◯

2. DRAINAGE CONNECTIONS

With reference to the installation manual and to installation drawings and specification. Ensure compliance with the following aspects:

The installation location has minimised the length of drain pipe between shower and WWHRS (preferably less than 3 metres).	◯
In accordance with Approved Document – Part H (2002) of the Building Regulations and the installation manual, the installation has implemented an appropriate method for preventing the ingress of foul sewer gases as a result of the WWHRS installation.	◯

3. PLUMBING CONNECTIONS

Refer to the installation manual and to installation drawings and specification for the specified installation configuration (System A or B). Ensure the following aspects are complied with:

The inlet and outlet from the WWHRS are correctly fitted, with the lowest connection for incoming mains water and highest connection for preheated outgoing water.	◯
The WWHRS preheated water outlet is only connected to the water heater and/or shower cold water inlet(s) (depending on installation configuration), but not any other service points, such as taps.	◯
Pipework between the WWHRS preheated water outlet and the water heater and/or shower cold water inlet(s) (depending on installation configuration) is insulated in accordance with the specification for DHW primary circulation pipes defined in 'Domestic Building Services Compliance Guide - 2010 Edition'.	◯
Pipework between the WWHRS preheated water outlet and the water heater and/or shower cold water inlet(s) (depending on installation configuration) is labelled to indicate that no other services can be interconnected.	◯
If shut-off valves are installed to WWHRS unit inlet and/or outlet, they are 'full flow' (non-restricting) shut-off valves. (Tick if N/A)	◯

4. INSTALLATION LOCATION

The following aspects are important for Health & Safety reasons, correct product performance and for any potential maintenance and/or replacement of the WWHRS. Ensure the following aspects are complied with:

Access provision is sufficient for cleaning or replacement of WWHRS unit if required.	◯
The installation location for the WWHRS will not normally exceed 25° C.	◯
If the WWHRS features a vertical downpipe design, it has been installed within a tolerance of ± 20 mm of vertical. (Tick if N/A)	◯
The NCM (SAP) Identifier label permanently fixed to the WWHRS has been oriented in order to enable visibility. A cover panel et cetera must be removed.	◯

The Second NCM (SAP) Identifier label has been marked appropriately with the Installation Configuration (System A or B within the 'Model Qualifier' field) that has been used. The label was then affixed to a nearby service/boiler cupboard or similar and is visible without the requirement for dismantling of any other systems using tools. ◯

SECTION 2: USER INFORMATION

1. HANDOVER AND MAINTENANCE ADVICE

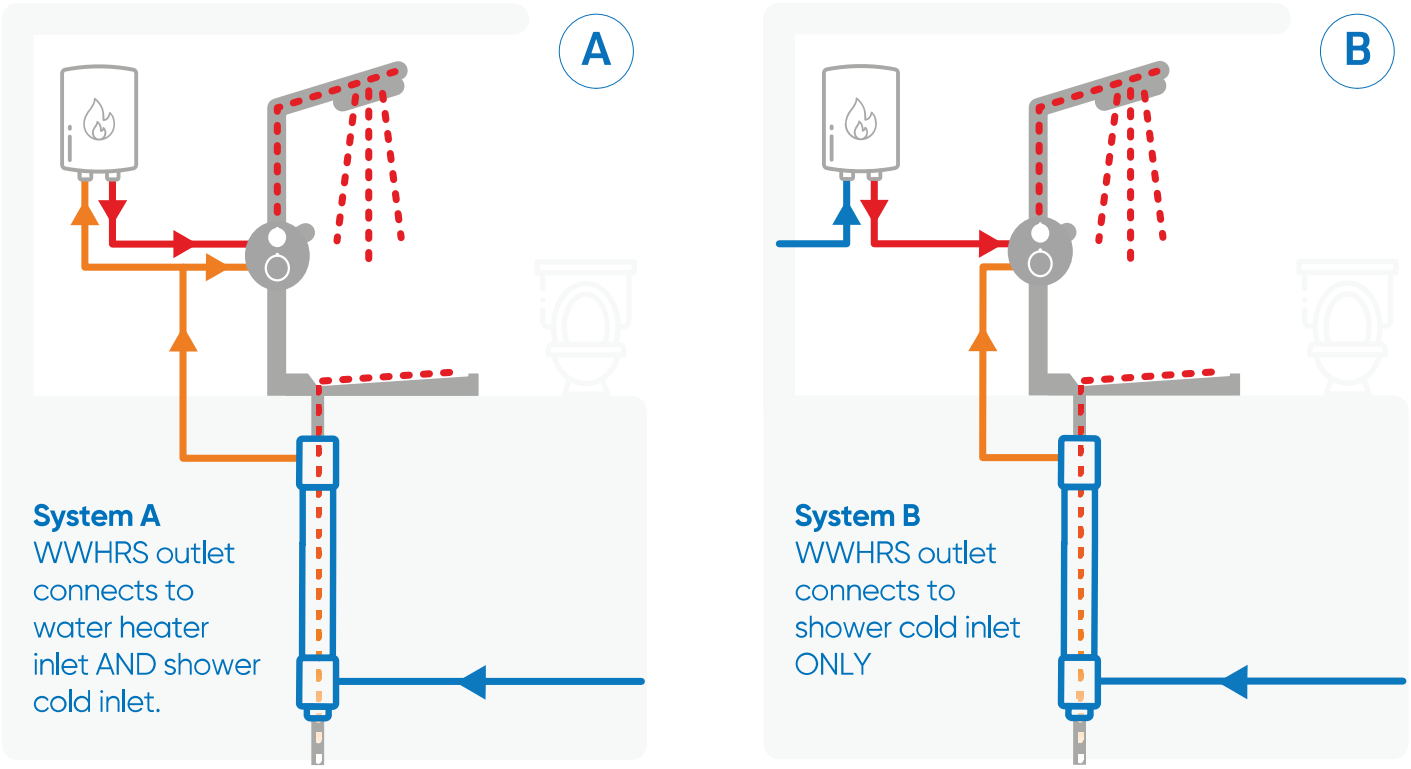
Has a copy of suitable documentation detailing maintenance and operational requirements been supplied for the home user pack? ◯

Has guidance been provided for cleaning of unit waste pipe to ensure continued thermal performance? ◯

Has a copy of this document been supplied for the Home User Pack? ◯

SECTION 3: INSTALLATION CERTIFICATE

1. INSTALLATION CONFIGURATION



SAP CHECKLIST & CERTIFICATE

2. ALL BATHROOMS CONNECTED OR NOT CONNECTED TO WWHRS	TOTAL NUMBER
Count total number of rooms with mixer showers (including Instantaneous Electric Showers) and/or baths fitted, whether connected to WWHRS or not.	

3. DETAILS FOR BATHROOMS WITH SHOWERS AND BATHS, E.G. SHOWERS WITHIN BATHS AND/OR BATHS AND SEPARATE SHOWER	TOTAL NUMBER
Count total number of thermostatic mixer showers (exclude Instantaneous Electric Showers) with $WWHRS_1$ (System 1 = $WWHRS_1$) connected to drain in rooms with a bath.	
If applicable: Count total number of thermostatic mixer showers (exclude Instantaneous Electric Showers) with $WWHRS_2$ (System 2 = $WWHRS_2$) connected to drain in rooms with a bath.	

4. DETAILS FOR BATHROOMS WITH SHOWERS BUT NOT BATHS, E.G. DEDICATED SHOWER ROOM	TOTAL NUMBER
Count total number of thermostatic mixer showers (exclude Instantaneous Electric Showers) with $WWHRS_1$ (System 1 = $WWHRS_1$) connected to drain in rooms without a bath.	
If applicable: Count total number of thermostatic mixer showers (exclude Instantaneous Electric Showers) with $WWHRS_2$ (System 2 = $WWHRS_2$) connected to drain in rooms with a bath.	

NOTE: Hand-held showers (showers not fixed above head height) are ignored for the purposes of the SAP calculation and therefore should not be counted in any of the above.

SECTION 4: INSTALLER DECLARATION

I declare that this WWHRS has been installed in accordance with the manufacturer's recommendations and the procedures outlined in this checklist.

Installation Company: _____

Installer's Name (PLEASE PRINT): _____

_____ _____

Installer's Signature Date

Copies of the combined Design checklist and Installation Checklist & Certificate should be supplied to:

- The dwelling's SAP Assessor
- Building Control Officer (where requested)
- Home User Pack
- The WWHRS product manufacturer