THE DATA HIU

Specifications

Feature	The DATA HIU	Notes
Dimensions-mm	490W x 271D x 640H	
Weight-Kg	30	
Fully Insulated	EPP Insulation all round, including to rear	
Country of Manufacture	Holland/UK	
Brand	Optional metal wrap that can be branded	
In-Direct HWS (Output)-KW	65	See DHW Performance
In-Direct HTG (Output)-KW	20	
Heat Meter	Zenner-Mbus (+3xPulse Inputs)	
Max WP (Network)-Bar	16	
Max Network Diff Pressure-Bar	2.5	Higher if DP Valve option is fitted (in place of security valve)
Integral Cold fill loop	Optional	External as standard for security reasons.
Integral Htg expansion vessel	8 litre	
Unit Iso Valves -Network	YES	In first fix kit
Unit Iso Valves - Dwelling	YES	In first fix kit
Integral Htg SV	YES	
Htg Temp Control	Electronic Stepper Valve (Htg)	Tracks available flow temperatures and adjusts targets accordingly
Htg Diff Pressure Control	Electronic Stepper Valve (Htg)	Self learning up to 2.5 bar DP
Integral Htg Strainer-Network	YES	
Integral Htg Strainer-Dwelling	YES	
CWS Pressure absorber	Optional	
Integral CWS check valve	YES	
Integral Htg circ Pump	A-Rated/var speed/Wilo	
Integral Htg (Pump) bypass	No (Not required)	
HWS Temp Control Valve	Electronic Stepper Valve (HWS)	
HWS Diff Pressure Control	Electronic Stepper Valve (HWS)	Self learning up to 2.5 bar DP
Network Circulation through unit	Programmed keep warm temperature 25-60°C. Optional complete shut off if not used for selected time	See keep-warm
Lockable Cover	Security bracket with tamperproof bolt	
Connectable Prog Stat	YES	
Metering/Billing connectivity	All can be accommodated. RS485 serial connection for interfacing.	
Prepayment Shut off	Belimo Spring return 2port	Or as free issued by billing company
1st fix backplate	YES	As standard primary connections at top, services at bottom. Options for alternative arrangements.
Internal Pipe materials	Copper	
Scaling of HWS HX	Positive valve closure.	
Integral Flushing Bypass	YES	External to casing, to allow flushing without HIU in place
FAIRHEAT/Swedish Standard tested	YES	Lowest VWART figures of all units tested
WRAS Approval	All components	
Major ESCO clients	Npower, EnviroEnergy	
VWART (Vol weighted ave Return Temp)	23.2°C at 77.4 m3 pa	See Comparison Sheet
Primary DH Pressure Drop-KPa	50 (ratings down to 5 kPa)	To achieve specified peak loads. See datasheet
Residual Dwelling Htg Pump Pressure	50kPa	
Commissioning	Factory set-Lap Top Access req'd	
HWS Sterilisation	60°C cycle once per day	
Return Temperature Limiting	Programmed keep warm temperature 30-75°C with option to disable	