

Baxi AquaHeat HI/HWI 14/50

7867476 (inc. Mercurius) / 7867477

BAXI

Date: July 2024

BESA 2023 Performance		14/50
DHW VWART (70°C DH temp)		12.3°C
Standby VWART (70°C DH temp)		38.8°C
Space Heating VWART (70°C DH temp)		35.2°C
Overall VWART (70°C DH temp)		25.7°C
Overall Energy Loss / 24h (70°C DH)		0.95kWh
DHW VWART (55°C DH temp)		17.3°C
Standby VWART (55°C DH temp)		39.1°C
Space Heating VWART (55°C DH temp)		34.8°C
Overall VWART (55°C DH temp)		29.9°C
Overall Energy Loss / 24h		0.91kWh

Hydraulics (space heating)	
Max operating pressure	2.5 bar g
Max operating temperature	85°C
Safety relief valve setting	3 bar
Heating temperature set point	15-85°C
Heating temperature set point- default	55°C
Heating nominal pump head	70kPa

Hydraulics (primary side)	
Max operating pressure	16 bar g
Max operating temperature	90°C
Max primary flow rate (DHW mode)	0.9m ³ /h
Max primary flow rate (SH mode)	0.6m ³ /h
Max primary differential pressure	600kPa

DHW hydraulics	
Max operating pressure	10 bar g
Min cold water supply pressure	1 bar g
Hot water temperature set point	40 - 65°C

Electrical		14/50
Power supply		230V -50Hz
Power consumption (max SH output)		65W
Power consumption (standby)		3W
Power consumption (Mercurius)		10W
Internal fuse rating		5A

General	
Connection size flow / returns	3/4" ISO G male
Space heating safety valve	15mm
Unit dimensions (mm)	750 Height 540 Width 260 Depth
Unit weight dry	27 kg
Service clearances (mm)	200 Front 100 Top / Bottom 30 Left Side 30 Right Side



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