



EN 16147:2017

ENVIROCYL-HP 250 LITRE

Main Results			
Description	Symbol	Result	Unit
Load Profile	-	XL	(--)
Settings of the control, e.g. thermostat set point, mode	-	49	(--)
Heating up time	t_h	1:30	(h:min)
Heating up electrical energy consumption	W_{eh-HP}	3.333	(kWh)
Stand-by power input	P_{es}	70.0	(W)
Total useful energy content during the load profile	Q_{LP}	19.099	(kWh)
Total electrical energy consumption during the load profile	W_{EL-LP}	6.894	(kWh)
Daily electrical energy consumption	Q_{ref} Q_{elec}	19.070 6.88	(kWh) (kWh)
Coefficient of performance	COP_{DHW}	2.770	(--)
Water heating energy efficiency	P_{stby} k Q_{cor} η_{wh}	0.175 0.230 -0.967 117.41	(kWh) (--) (kWh) (%)
Annual energy consumption	AEC	1427	(kWh/a)
Reference hot water temperature	Θ'_{WH}	49.6	(°C)
Maximum volume of mixed water at 40°C	V_{40}	311.2	(l)
Smart control settings, eg. thermostat set point temperature	-	N.T.	(--)
For products with smart control, smart control factor	SCF	N.T.	(--)
For products with smart control, order of the load profiles of day 1	-	N.T.	(--)
TOR: minimal heat source temperature	-	N.T.	(°C)
TOR: maximal heat source temperature	-	N.T.	(°C)
TOR: minimal start temperature domestic hot water	-	N.T.	(°C)
TOR: maximal mean temperature domestic hot water	-	N.T.	(°C)
Rated volume of the tank, where applicable	V_m	250	(l)
Rated heat output	t_h P_{rated}	5416 7.217	(s) (kW)
Seasonal coefficient of performance	$SCOP_{DHW}$	2.77	(--)