



EN 16147:2017

ENVIROCYL-HP 180 LITRE

Main Results			
Description	Symbol	Result	Unit
Load Profile	-	XL	(--)
Settings of the control, e.g. thermostat set point, mode	-	49	(--)
Heating up time	$t_h$	2:33	(h:min)
Heating up electrical energy consumption	$W_{eh-HP}$	2.609	(kWh)
Stand-by power input	$P_{es}$	74.3	(W)
Total useful energy content during the load profile	$Q_{LP}$	19.083	(kWh)
Total electrical energy consumption during the load profile	$W_{EL-LP}$	7.203	(kWh)
Daily electrical energy consumption	$Q_{ref}$ $Q_{elec}$	19.070 7.20	(kWh) (kWh)
Coefficient of performance	$COP_{DHW}$	2.649	(--)
Water heating energy efficiency	$P_{stby}$ $k$ $Q_{cor}$ $\eta_{wh}$	0.186 0.230 -1.026 112.38	(kWh) (--) (kWh) (%)
Annual energy consumption	AEC	1491	(kWh/a)
Reference hot water temperature	$\Theta'_{WH}$	48.0	(°C)
Maximum volume of mixed water at 40°C	$V_{40}$	205.4	(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	$V_m$	210	(l)
Rated heat output	$t_h$ $P_{rated}$	9191 2.808	(s) (kW)
Seasonal coefficient of performance	$SCOP_{DHW}$	2.65	(--)