

VITOTHERM ES4

ES4.A.10 K, ES4.A.10 OK, ES4.A.10 OTK, ES4.A.5 K, ES4.A.5 OK, ES4.A.5 OTK

The product data specified meets the requirements of EU Regulations 812/2013 and 814/2013.

Product data	Symbol	Unit	ES4.A.5 K	ES4.A.5 OK	ES4.A.5 OTK	ES4.A.10 K	ES4.A.10 OK	ES4.A.10 OTK
Declared load profile			XXS	XXS	XXS	XXS	XXS	XXS
Water heating energy efficiency classes			A	A	A	A	A	A
Water heating energy efficiency	η_{wh}	%	35	35	35	35	35	35
temperature settings of the water heater, as placed on the market		°C	7	7	7	7	7	7
sound power level indoors	L_{WA}	dB	15	15	15	15	15	15
able to work only during off-peak hours			no	no	no	no	no	no
Smart			0	0	0	0	0	0
Weekly electricity consumption with smart controls		kWh	-	-	-	-	-	-
Weekly electricity consumption without smart controls		kWh	-	-	-	-	-	-
Weekly fuel consumption with smart controls		kWh	-	-	-	-	-	-
Weekly fuel consumption without smart controls		kWh	-	-	-	-	-	-
Annual electricity consumption		kWh	524	524	524	526	526	526
Storage volume		L	-	-	-	-	-	-
Mischwassermenge bei 40°C		L	-	-	-	-	-	-

For all special precautions to be taken during assembly, installation or maintenance of the water heater, see the service and installation instructions.



The product data specified meets the requirements of EU Regulations 811/2013.

Criterion	Energy efficiency category, temperature controller	Contribution, central heating energy efficiency
• Room thermostat which switches the heat source on/off	1	1 %
• Weather-compensated control • Modulating heat source	2	2 %
• Weather-compensated control • Non-modulating heat source	3	1,5 %
• Room thermostat with TPI (Time Proportional Integral) properties • Non-modulating heat source	4	2 %
• Modulating room thermostat • Modulating heat source	5	3 %
• Weather compensation, control unit • Modulating heat source • Room temperature sensor in conjunction with room hook-up	6	4 %
• Weather compensation, control unit • Non-modulating heat source • Room temperature sensor in conjunction with room hook-up	7	3,5 %
• Individual room control with min. 3 room temperature sensors • Modulating heat source	8	5 %