

Description	Unit	PAW-TD20C1E5-1	PAW-TD30C1E5-1	PAW-TD30C1E5HI-1
Actual capacity of cylinder at 20°C	L.	192	284	280
Outer diameter of the appliance	mm	595	595	595
Height of the appliance	mm	1270	1750	1750
Gross weight of the appliance	kg	50	61	65
Net weight of appliance filled with water	kg	241	341	345
Material of electric heating element	-	incoloy 825	incoloy 825	incoloy 825
Thermal insulation material	-	PUR+VIP	PUR+VIP	PUR+VIP
Thermal insulation average thickness	mm	50	50	50
IP classification	-	21	21	21
Standby heat losses / 24 hour	kWh/24h	1.01	1.18	1.18
Standby heat losses	Watts	42	49	49
V40 Hotwater volume	L.	315	465	389
Heating coil HEX surface	m <sup>2</sup>	1.8	1.8	2.35
Flowrate heating coil	l/h	900	900	900
Heat-up time heating coil	min	18.5	26.08	18.5
Power heating coil	kW	35	32	39,4
Pressure drop heating coil	mbar	120	120	170
Heat up time electric heating element	min	255	464	384
ErP class	-	A	A	A
<b>Pressure information</b>				
Design pressure of cylinder	MPa/Bar	1 / 10	1 / 10	1/10
Design pressure of heating coil	MPa/Bar	1 / 10	1 / 10	1/10
Operating pressure of cylinder (max)	MPa/Bar	0.6 / 6	0.6 / 6	0.6 / 6
Operating pressure of heating coil	MPa/Bar	0.25 / 2.5	0.25 / 2.5	0.25 / 2.5
Max. operating temperature of cylinder	°C	70	70	70
Max. operating temperature of heating coil	°C	99	99	99
<b>Connections</b>				
Hot water circulation / Secondary return	Inch	3/4"	3/4"	3/4"
Heating coil Flow	Inch	3/4"	3/4"	3/4"
Heating coil Return	Inch	3/4"	3/4"	3/4"
Cold water	Inch	3/4"	3/4"	3/4"
Hot water	Inch	3/4"	3/4"	3/4"
Auxiliary connection / anode	Inch	3/4"	3/4"	3/4"
Electric heating element	Inch	5/4"	5/4"	5/4"
Temperature sensor sleeve diameter	mm	8	8	8
<b>Electrical characteristics</b>				
Supply voltage and frequency	WHz	220-240 VAC	220-240 VAC	220-240 VAC
Power of electric heating element	kW	1.5kW@230V	1.5kW@230V	1.5kW@230V
Electrical installation	-	IEEE regs	IEEE regs	IEEE regs
Thermostat type - electric heating element / cylinder	-	Probe/Probe	Probe/Probe	Probe/Probe
Electric heating element - Phase	Phase	single	single	single
Electric heating element thermostat - temp range	°C	8-70	18-70	18-70
Electric heating element thermostat - set temp	°C	60	60	60
<b>Safety</b>				
Safety valve opening pressure +/- 5%	MPa/Bar	0.8 / 8	0.8 / 8	0.8 / 8
Safety thermostat cutout temp (electric heating element)	°C	87	87	87

## Technisches Datenblatt

### TDS – Indirekter Speicher – ErP-Daten

Richtlinie: 2010/30/EU Verordnung: EU 812/2013 Richtlinie: 2009/125/EU Verordnung: EU 814/2013

Effizienz von elektrischen Warmwasserspeichern gemäß Norm: EN 50440 :

HANDELSMARKE	M.T. ART.-NR.	MODEL/BEZEICHNUNG	Klasse ErP	Wärmeverlust - W	Speichervolumen
OSO	80341810	PAW-TD 20 C1E5-1 - 1,5kW / 1x230V	A	42	194
OSO	80341910	PAW-TD 30 C1E5-1 - 1,5kW / 1x230V	A	49	284
OSO	80341911	PAW-TD 30 C1E5 HI-1 - 1,5kW / 1x230V	A	49	280