

Product Data Sheet **Accu**

Indirect	Unit	Type	Type	Type	Type	Type
Product	Accu	50R 50	50R 100	50R 300		
Product No.	OSO no.	8 011 202	8 011 205	8 011 203		
Product Capacity	Persons	Buffer	Buffer	Buffer		
Product Segment		Domestic	Domestic	Domestic		
Product						
Weight - Net	kg	16	29	57		
Height - Max	mm.	680	1170	1600		
Diameter	mm.	430	430	580		
Volume - Actual	ltr.	50	100	287		
Usable hot water draw off at 40°C (ltr)	ltr.	-	-	-		
Hot Water / hour at 40°C (ltr)	ltr.	-	-	-		
Heat Up Time - 15°C - max Temp.	hours	-	-	-		
Standing Heat Loss - 24 hours	kWh/24 hours	-	-	-		
Dimensions - Cardboard Box	LxWxH mm.	475x475x790	475x475x1330	595x595x1620		
Volume - Cardboard Box	m ³	0,18	0,30	0,55		
Materials						
Inner Cylinder	Stainless Steel	Ferritic	Ferritic	Ferritic		
Coil(s)	Stainless Steel	-	-	-		
Electric Element(s)	Stainless Steel	-	-	-		
Electric Box and Lid(s)	Plastic	-	-	-		
Insulation	PUR	Mineral Wool	Mineral Wool	Mineral Wool		
Outer Casing	Steel	Epoxy Coated	Epoxy Coated	Epoxy Coated		
Energy Source			Suggested			
Type - Primary		Heat Pump	Heat Pump	Heat Pump		
Type - Secondary		-	-	-		
Temperature - Primary / Lower		Low Temp.	Low Temp.	Low Temp.		
Temperature - Secondary / Upper		-	-	-		
Heating Coil(s)						
Surface area - Primary / Lower	m ²	-	-	-		
Surface area - Secondary / Upper	m ²	-	-	-		
Recommended Flow Rate	ltr./min.	-	-	-		
Heat Source Buffer Volume	ltr.	50	100	287		
Electric						
Immersion Heater Booster - Capacity	kW	-	-	-		
Immersion Heater Backup - Capacity	kW	-	-	-		
Immersion Heater - Phase	Phase	-	-	-		
Immersion Heater - Voltage	Volt	-	-	-		
Thermostat Type		-	-	-		
Upper Working Thermostat - Temp. Range	°C	-	-	-		
Upper Working Thermostat - Set Temp.	°C	-	-	-		
Lower Working Thermostat - Temp. Range	°C	-	-	-		
Lower Working Thermostat - Set Temp.	°C	-	-	-		
Electrical Installation		-	-	-		
IP Classification		-	-	-		
Connections						
Cold Feed / Hot Water Draw Off	Location	-	-	-		
Cold Feed / Hot Water Draw Off	Compression	-	-	-		
Safety Valve (Drain Connection)	" (inches)	3/4 - Female	3/4 - Female	3/4 - Female		
Safety Valve (Overflow Connection)	" (inches)	3/8 - Female	3/8 - Female	3/8 - Female		
T&P Valve (Overflow Connection)	Compression	-	-	-		
Secondary Return / Hot Water w/o mixing	" (inches)	1 - Female	1 - Female	5/4 - Female		
Immersion Heater(s)	" (inches)	-	-	-		
Primary Coil Flow / Return	" (inches)	-	-	-		
Buffer Volume Flow / Return	" (inches)	4x1 - Female	4x1 - Female	4x5/4 - Female		
Sensor Connection w/ PG nipple	mm.	-	-	-		
Safety						
Safety Valve - Opening Pressure +/- 5 %	Bar	3	3	3		
T&P Valve - Opening Pressure/Temp.	Bar/°C	-	-	-		
Safety Thermostat - Cut-out Temp.	°C	-	-	-		
Inner Cylinder - Design Pressure /Temp.	Bar/°C	10/99	10/99	10/99		
Coil(s) - Design Pressure	Bar	-	-	-		
Certifications / Approvals						
Product Certifications	Certificates	CE / NEMKO / KIWA / WRAS				
Manufacturing Plant Approvals	Standards	ISO 9001:2008 / ISO 14001:2008 / OHSAS 18001				
Environment						
Environmental Declaration		100 % Recyclable / >60 % Recycled Materials / ODP of 0 / GWP of 1				
Warranty - Water Quality EN 98/83EC						
Water - Chloride Content Max - Cl	ppm	50	50	50		
Water - Sulphate Content Max - So4	ppm	50	50	50		
Water - Chloride/Sulphate Content Max	ppm	50	50	50		
Warranty Period - Inner Cylinder / Parts	Years	10 / 2	10 / 2	10 / 2		

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Indirect	Unit	Type	Type	Type	Type	Type
Product	Accu	50RE 50	50RE 100	50RE 300		
Product No.	OSO no.	8 011 199	8 011 201	8 011 281		
Product Capacity	Persons	Buffer	Buffer	Buffer		
Product Segment		Domestic	Domestic	Domestic		
Product						
Weight - Net	kg	16	30	60		
Height - Max	mm.	680	1170	1600		
Diameter	mm.	430	430	580		
Volume - Actual	ltr.	50	100	287		
Usable hot water draw off at 40°C (ltr)	ltr.	-	-	-		
Hot Water / hour at 40°C (ltr)	ltr.	-	-	-		
Heat Up Time - 15°C - max Temp.	hours	-	-	-		
Standing Heat Loss - 24 hours	kWh/24 hours	-	-	-		
Dimensions - Cardboard Box	LxWxH mm.	475x475x790	475x475x1330	595x595x1620		
Volume - Cardboard Box	m ³	0,18	0,30	0,55		
Materials						
Inner Cylinder	Stainless Steel	Ferritic	Ferritic	Ferritic		
Coil(s)	Stainless Steel	-	-	-		
Electric Element(s)	Stainless Steel	Incoloy 825	Incoloy 825	Incoloy 825		
Electric Box and Lid(s)	Plastic	V0 Plastic	V0 Plastic	V0 Plastic		
Insulation	PUR	Mineral Wool	Mineral Wool	Mineral Wool		
Outer Casing	Steel	Epoxy Coated	Epoxy Coated	Epoxy Coated		
Energy Source						
Type - Primary		Heat Pump	Heat Pump	Heat Pump		
Type - Secondary		-	-	-		
Temperature - Primary / Lower		Low Temp.	Low Temp.	Low Temp.		
Temperature - Secondary / Upper		-	-	-		
Heating Coil(s)						
Surface area - Primary / Lower	m ²	-	-	-		
Surface area - Secondary / Upper	m ²	-	-	-		
Recommended Flow Rate	ltr./min.	-	-	-		
Heat Source Buffer Volume	ltr.	50	100	287		
Electric						
Immersion Heater Booster - Capacity	kW	9,0	9,0	15,0		
Immersion Heater Backup - Capacity	kW	-	-	-		
Immersion Heater - Phase	Phase	3	3	3		
Immersion Heater - Voltage	Volt	230/400	230/400	230/400		
Thermostat Type		-	-	-		
Upper Working Thermostat - Temp. Range	°C	60-90	60-90	60-90		
Upper Working Thermostat - Set Temp.	°C	75	75	75		
Lower Working Thermostat - Temp. Range	°C	-	-	-		
Lower Working Thermostat - Set Temp.	°C	-	-	-		
Electrical Installation		Regulations	Regulations	Regulations		
IP Classification		IP 21	IP 21	IP 21		
Connections						
Cold Feed / Hot Water Draw Off	Location	-	-	-		
Cold Feed / Hot Water Draw Off	Compression	-	-	-		
Safety Valve (Drain Connection)	" (inches)	3/4 - Female	3/4 - Female	3/4 - Female		
Safety Valve (Overflow Connection)	" (inches)	3/8 - Female	3/8 - Female	3/8 - Female		
T&P Valve (Overflow Connection)	Compression	-	-	-		
Secondary Return / Hot Water w/o mixing	" (inches)	1 - Female	1 - Female	5/4 - Female		
Immersion Heater(s)	" (inches)	1	1	1		
Primary Coil Flow / Return	" (inches)	-	-	-		
Buffer Volume Flow / Return	" (inches)	4x1 - Female	4x1 - Female	4x5/4 - Female		
Sensor Connection w/ PG nipple	mm.	-	-	-		
Safety						
Safety Valve - Opening Pressure +/- 5 %	Bar	3	3	3		
T&P Valve - Opening Pressure/Temp.	Bar/°C	-	-	-		
Safety Thermostat - Cut-out Temp.	°C	98	98	98		
Inner Cylinder - Design Pressure /Temp.	Bar/°C	10/99	10/99	10/99		
Coil(s) - Design Pressure	Bar	-	-	-		
Certifications / Approvals						
Product Certifications	Certificates	CE / NEMKO / KIWA / WRAS				
Manufacturing Plant Approvals	Standards	ISO 9001:2008 / ISO 14001:2008 / OHSAS 18001				
Environment						
Environmental Declaration		100 % Recyclable / >60 % Recycled Materials / ODP of 0 / GWP of 1				
Warranty - Water Quality EN 98/83EC						
Water - Chloride Content Max - Cl	ppm	50	50	50		
Water - Sulphate Content Max - So4	ppm	50	50	50		
Water - Chloride/Sulphate Content Max	ppm	50	50	50		
Warranty Period - Inner Cylinder / Parts	Years	10 / 2	10 / 2	10 / 2		