

SOLAR X

1.0 CONTROLLER

SOLAR X - DIRECT AND INDIRECT
120 | 150 | 180 | 210 | 250 | 300 LITRES

SOLAR X SLIMLINE - DIRECT AND INDIRECT
120 | 150 | 180 | 210 LITRES

582 MM
SLIMLINE 485 MM



986-2066 MM
SLIMLINE 1250 - 2000 MM

Embedded Solar Diverter Details	
Thermostat cut-out temperature	80°C
Immersion heater(s) rating	230-240 V ~ 2.7-3.0KW
Immersion heater(s) specification	EN 60335-2-73
Immersion heater(s) type	356mm Incoloy/Ti
Modulation range	30W-3000W
Immersion heater(s) type	100W

SOLAR X DIRECT

Specification	120L	150L	180L	210L	250L	300L
Product Code	MX-120-ELE-582-PVE	MX-150-ELE-582-PVE	MX-180-ELE-582-PVE	MX-210-ELE-582-PVE	MX-250-ELE-582-PVE	MX-300-ELE-582-PVE
Nominal Capacity (L)	120	150	180	210	250	300
ErP Rating	B	B	B	B	C	C
Connection Size/Type	22mm comp.					
Insulation type	CFC/HCFC free polyurethane foam					
Insulation Thickness (mm)	50					
Immersion Heater Rating (kW)	3					
Diameter (mm)	582					
Height (mm)	986	1166	1346	1526	1766	2066
Expansion Vessel Size (L)	12	12	19	19	19	24
Weight Empty (kg)	35	38	42	45	51	55
Weight Full (kg)*	155	188	212	255	301	355
Standing Heat Loss (kWh/24h)	0.86	0.91	0.96	1.01	1.34	1.68
Min. Reheat Time 15-65°C	44 mins	44 mins	44 mins	44 mins	44 mins	44 mins
70% Charge Reheat Time 15-65°C	98 mins	123 mins	147 mins	172 mins	205 mins	245 mins
100% Charge Reheat Time 15-65°C	140 mins	176 mins	210 mins	246 mins	293 mins	350 mins
100% Charge Reheat Time 15-65°C	140 mins	176 mins	210 mins	246 mins	293 mins	350 mins

SOLAR X DIRECT SLIMLINE

Specification	120L	150L	180L	210L
Product Code	MX-120-ELE-485-PVE	MX-150-ELE-485-PVE	MX-180-ELE-485-PVE	MX-210-ELE-485-PVE
Nominal Capacity (L)	120	150	170	200
ErP Rating	B	B	B	B
Connection Size/Type	22mm compression			
Cylinder material	Duplex Stainless steel			
Insulation type	CFC/HCFC free polyurethane foam			
Insulation Thickness (mm)	50			
Electrical supply	16A, 230 - 240 V~			
Immersion Heater Rating (kW)	3			
Diameter (mm)	479			
Height (mm)	1250	1440	1690	2000
Expansion Vessel Size (L)	12	12	19	19
Weight Empty (kg)	33	37	41	45
Weight Full (kg)*	151	184	208	242
Standing Heat Loss (kWh/24h)	1.25	1.42	1.51	1.58
Min. Reheat Time 15-65°C	32 mins	32 mins	32 mins	32 mins
70% Charge Reheat Time 15-65°C	98 mins	123 mins	147 mins	172 mins
100% Charge Reheat Time 15-65°C	140 mins	176 mins	210 mins	246 mins

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SOLAR X SLIMLINE - DIRECT AND INDIRECT
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SOLAR X INDIRECT

Specification	120L	150L	180L	210L	250L	300L
Product Code	MX-120-IND-582-PVE	MX-150-IND-582-PVE	MX-180-IND-582-PVE	MX-210-IND-582-PVE	MX-250-IND-582-PVE	MX-300-IND-582-PVE
Nominal Capacity (L)	120	150	180	210	250	300
ErP Rating	B	B	B	B	C	C
Connection Size/Type	22mm comp.					
Insulation type	CFC/HCFC free polyurethane foam					
Insulation Thickness (mm)	50					
Immersion Heater Rating (kW)	3					
Diameter (mm)	582					
Height (mm)	986	1166	1346	1526	1766	2066
Expansion Vessel Size (L)	12	12	19	19	19	24
Weight Empty (kg)	35	38	42	45	51	55
Weight Full (kg)*	155	188	212	255	301	355
Standing Heat Loss (kWh/24h)	0.86	0.91	0.96	1.01	1.34	1.68
Min. Reheat Time 15–65°C	9 mins	11 mins	11 mins	12 mins	12 mins	12 mins
25% Charge Reheat Time 15–65°C	9 mins	11 mins	11 mins	12 mins	12 mins	12 mins
70% Charge Reheat Time 15–65°C	17 mins	20 mins	22 mins	26 mins	30 mins	31 mins
100% Charge Reheat Time 15–65°C	24 mins	29 mins	31 mins	37 mins	42 mins	44 mins

SOLAR X INDIRECT SLIMLINE

Specification	120L	150L	180L	210L
Product Code	MX-120-IND-485-PVE	MX-150-IND-485-PVE	MX-180-IND-485-PVE	MX-210-IND-485-PVE
Nominal Capacity (L)	120	150	170	200
ErP Rating	B	C	C	C
Connection Size/Type	22mm compression			
Cylinder material	Duplex Stainless steel			
Insulation type	CFC/HCFC free polyurethane foam			
Insulation Thickness (mm)	50			
Electrical supply	16A, 230 - 240 V~			
Immersion Heater Rating (kW)	3			
Diameter (mm)	479			
Height (mm)	1250	1440	1690	2000
Expansion Vessel Size (L)	12	12	19	19
Weight Empty (kg)	33	37	41	45
Weight Full (kg)*	151	184	208	242
Standing Heat Loss (kWh/24h)	1.25	1.42	1.51	1.58
Min. Reheat Time 15–65°C	11 mins	11 mins	11 mins	11 mins
70% Charge Reheat Time 15–65°C	13 mins	15 mins	17 mins	20 mins
100% Charge Reheat Time 15–65°C	19 mins	21 mins	24 mins	29 mins