SmartRad (heating only)

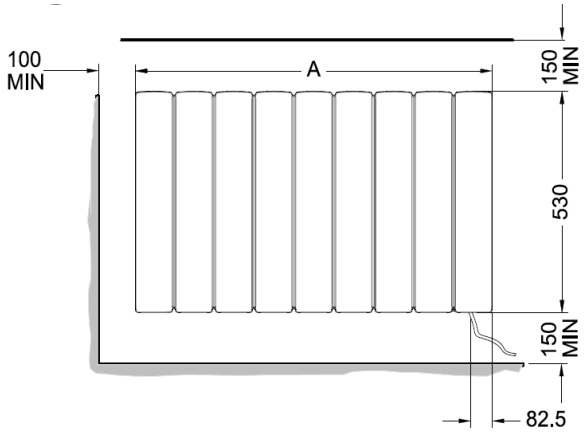
Technical Details

Model/Item No (EAN)	Units	367500 SRX080EM	367510 SRX120EM	367520 SRX140EM	367530 SRX180EM
Output	kW	0.8	1.2	1.4	1.8
Heating capacity @ mean water flow temp 40˚C	kW	0.6	0.9	1.1	1.5
Heating capacity @ mean water flow temp 45˚C	kW	0.8	1.1	1.4	1.8
Heating capacity @ mean water flow temp 50˚C	kW	1.0	1.4	1.7	2.2
Heating capacity @ mean water flow temp 55˚C	kW	1.1	1.6	2.0	2.6
Heating capacity @ mean water flow temp 60˚C	kW	1.3	1.8	2.3	2.9
Heating flow temperature	°C	15 - 85			
Heating water flow rate	m^3/h	0.15			
Air flow rate	m^3/h	125	190	225	300
Sound pressure level at 1m	dB(A)	38			
Water content	L	0.31	0.43	0.48	0.6
Dimensions L(A) x H x D	mm	503 x 530 x 150	670 x 530 x 150	740 x 530 x 150	911 x 530 x 150
Weight	kg	13	16	18	23
Hydraulic connections	mm	15			
Power input @ low fan setting	W	6	6	6	6
Power input @ medium fan setting	W	8	8	8	8
Power input @ boost setting	W	10.5	12.5	15.0	16.4
Power input in standby	W	1			
Cable length supplied	m	1			
Normal voltage/fuse rating	V/A	~230/3			
IP rating		IP20			

Settings in reference to SmartRad operating at fan speed 2

Key Features

- Ideal for use with heat pumps
- Energy efficient alternative to conventional radiators
- Designed for low water temperature operation, optimising heat pump COP, lowering running costs and reducing heat pump CO_2 emissions
- Cost effective alternative to underfloor heating
- Fast response/room heat up due to very low water content
- Two pipe system, ideal for use in conjunction with the Dimplex Zeroth Energy System, providing energy efficient heating and cooling leading to lower running costs for the operator
- 40% less energy consumption to bring a room to 21˚C from 10˚C and 2 x faster heat up time compared to conventional radiator
- Lower surface temperature than conventional radiator
- Individual temperature control with close tolerance electronic thermostat providing automatic control over fan speed output
- Delivers high levels of comfort through improved room temperature stability
- BMS (Modbus) connectivity
- Optional plug-in 24-hour or 7-day programmer
- Stylish design
- The convector fan operates with three fan speeds which the end-user can adjust, operating only when there is a demand for heating



Warranty & Approvals

Approvals	CE
Warranty	1 Year
Country of Origin	United Kingdom
Manufacturer	Glen Dimplex Heating & Ventilation

SmartRad (Heating & Cooling)

Technical Details

Model/Item No. (EAN)	Units	SRX070EC	SRX120EC	SRX160EC
Output	kW	0.70	1.2	1.6
Heating capacity @ mean water flow temp 35˚C	kW	0.27	0.6	0.8
Heating capacity @ mean water flow temp 45˚C	kW	0.54	1.2	1.63
Heating capacity @ mean water flow temp 55˚C	kW	0.74	1.63	2.25
Cooling capacity @ mean water flow temp 7˚C	kW	0.41	0.96	1.23
Cooling capacity @ mean water flow temp 10˚C	kW	0.31	0.7	0.9
Water flow temperature in heating mode	°C	25 - 85		
Max water flow temperature in cooling mode	°C	20		
Heating water flow rate	m^3/h	0.15		
Air flow rate	m^3/h	125	225	300
Sound pressure level at 1m	dB(A)	38		
Water content	L	0.31	0.43	0.48
Dimensions L(A) x H x D	mm	503 x 530 x 145	740 x 530 x 145	911 x 530 x 145
Weight	kg	12	15	17.5
Hydraulic connections	mm	15		
Power input @ low fan setting	W	6	6	6
Power input @ medium fan setting	W	8	8	8
Power input @ boost setting	W	10.5	15	16.4
Power input in standby	W	<4		
Cable length supplied	m	1		
Normal voltage/fuse rating	V/A	~230/3		
IP rating		IP20		

Settings in reference to SmartRad operating at fan speed 2

Key Features

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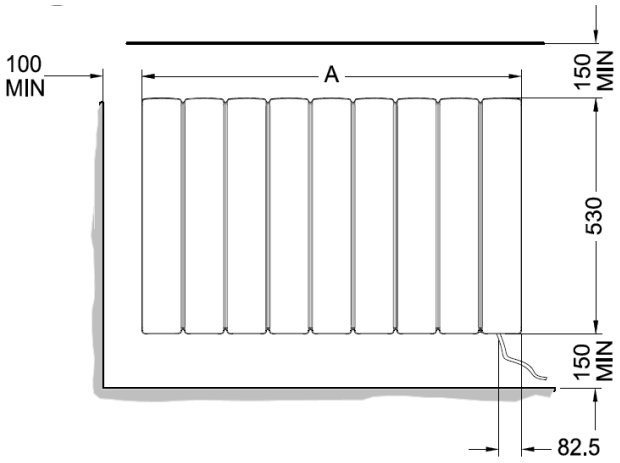

Warranty & Approvals

Approvals	CE
Warranty	1 Year
Country of Origin	United Kingdom
Manufacturer	Glen Dimplex Heating & Ventilation