

## Sinclair **Element** High Wall Systems

Capacity	System	Energy Rating
2.6 kW	ASH-09AIE2	A+/A+
3.5 kW	ASH-12AIE2	A+/A+
5.3 kW	ASH-18AIE2	A+/A+
6.5 kW	ASH-24AIE2	A+/A+

**Special offer**

**£245**

**£275**

**£399**

**£495**



**Wall mounted Split Air Conditioner  
inverter heat pumps from £245**



## Sinclair **Matrix** High Wall Systems

Capacity	System	Energy Rating
2.6 kW	ASH-09AIM2 PT	A++/A+
3.5 kW	ASH-13AIM2 PT	A++/A+
5.3 kW	ASH-18AIM2 PT	A++/A+
6.5 kW	ASH-24AIM2 PT	A++/A+

**Special offer**

**£275**

**£310**

**£449**

**£535**



- **Free delivery**
- **36 months parts-only warranty**
- **Low noise levels**

Prices include delivery on our standard next day service to a single UK mainland address. All prices quoted exclude VAT. We reserve the right to end this special offer without prior notice. Subject to availability. The Element range is not recommended for low ambient cooling applications. Contact us for guidance on product selection.



Refrigeration & Air Conditioning

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# SINCLAIR

## Wall Mounted Split Air Conditioners

### Element Range



Element Range			Element Range			
Model			ASH-09AIE2	ASH-12AIE2	ASH-18AIE2	ASH-24AIE2
Capacity cooling / heating	kW		2.6 / 2.8	3.5 / 3.8	5.3 / 5.6	6.5 / 7.0
Power supply	Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
	Unit		Outdoor	Outdoor	Outdoor	Outdoor
Power input cooling / heating	W		870 / 900	1150 / 1100	1675 / 1750	2180 / 2220
Rated power input cooling / heating	W		1420 / 1550	1550 / 1650	2650 / 2650	2650 / 2800
Power current cooling / heating	A		3.8 / 4.0	5.1 / 4.9	7.4 / 7.8	9.7 / 10.5
Rated power current cooling / heating	A		6.3 / 6.9	6.9 / 7.3	11.8 / 11.8	10.5 / 12.5
SEER / SCOP	W/W		5.6 / 4.0	5.6 / 4.0	5.6 / 4.0	5.6 / 4.0
Energy class	-		A+ / A+	A+ / A+	A+ / A+	A+ / A+
Air flow	ID	m <sup>3</sup> /h	600/ 520/ 370/ 280	680/ 560/ 410/ 300	800/ 680/ 560/ 460	1000/ 800/ 700/ 550
Air flow	OD	m <sup>3</sup> /h	1600	1600	3200	4000
Sound pressure level	ID	dB(A)	41/ 38/ 30/ 24	42/ 39/ 31/ 25	45/ 40/ 37/ 32	51/ 47/ 42/ 34
Sound pressure level	OD	dB(A)	51	53	55	58
Dehumidifying volume	l/h		0.8	1.4	1.8	2.0
Refrigerant type / charge	kg		R410A / 0,70	R410A / 0,85	R410A / 1,30	R410A / 1,80
Pipe diameter	Liquid side	inch	1/4	1/4	1/4	1/4
	Gas side	inch	3/8	3/8	1/2	5/8
Standard pipe length	m		5.0	5.0	5.0	5.0
Max. pipe length	m		15.0	20.0	25.0	25.0
Max. elevation / Drop height	m		10.0	10.0	10.0	10.0
Additional refrigerant	g/m		20.0	20.0	20.0	50.0
Dimension (w x h x d)	ID	mm	770x283x201	770x283x201	865x305x215	1007x315x219
	OD	mm	776x540x320	776x540x320	955x700x396	980x790x427
Net/gross weight	ID	kg	8.0 / 9.5	9.0 / 10.5	12.0 / 15.0	14.0 / 17.0
	OD	kg	28.0 / 31.0	29.0 / 32.0	46.0 / 50.5	55.5 / 60.5
Set temperature range	°C		16-30	16-30	16-30	16-30
Operating temperature range	Cooling	°C	+15-43	+15-43	+15-43	+15-43
	Heating	°C	-20-24	-20-24	-20-24	-20-24

### Matrix Range



Matrix Range			Matrix Range			
Model			ASH-09AIM2 PT	ASH-13AIM2 PT	ASH-18AIM2 PT	ASH-24AIM2 PT
Capacity cooling / heating	kW		2.6 / 3.0	3.5 / 4.0	5.3 / 5.8	6.5 / 7.0
Power supply	Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
	Unit		Outdoor	Outdoor	Outdoor	Outdoor
Power input cooling / heating	W		870 / 900	1170 / 1200	1625 / 1760	2180 / 2220
Rated power input cooling / heating	W		1300 / 1400	1400 / 1550	2650 / 2650	2650 / 2800
Power current cooling / heating	A		3,80 / 3,92	5,20 / 5,30	7,20 / 7,80	9,70 / 9,80
Rated power current cooling / heating	A		6.0 / 6.5	6.5 / 7.0	11.8 / 11.8	9.8 / 12.4
SEER / SCOP	W/W		6.1 / 4.0	6.1 / 4.0	6.1 / 4.0	6.1 / 4.0
Energy class	-		A++ / A+	A++ / A+	A++ / A+	A++ / A+
Air flow	ID	m <sup>3</sup> /h	600/ 500/ 400/ 300	600/ 500/ 400/ 300	850/ 780/ 650/ 550	1000/ 800/ 700/ 550
	OD	m <sup>3</sup> /h	1600	1600	3200	4000
Sound pressure level	ID	dB(A)	42/ 39/ 34/ 28	42/ 40/ 35/ 30	45/ 43/ 37/ 33	51/ 47/ 42/ 39
Sound pressure level	OD	dB(A)	51	53	55	58
Dehumidifying volume	l/h		0.8	1.4	1.80	2.00
Refrigerant type / charge	kg		R410A / 0,70	R410A / 0,85	R410A / 1,35	R410A / 1,80
Pipe diameter	Liquid side	inch	1/4	1/4	1/4	1/4
	Gas side	inch	3/8	3/8	1/2	5/8
Standard pipe length	m		5.0	5.0	5.0	5.0
Max. pipe length	m		15.0	15.0	25.0	25.0
Max. elevation / Drop height	m		10.0	10.0	10.0	10.0
Additional refrigerant	g/m		20	20	20.0	50
Dimension (w x h x d)	ID	mm	848x274x189	848x274x189	945x298x211	1018x315x233
	OD	mm	776x540x320	776x540x320	955x700x396	980x790x427
Net/gross weight	ID	kg	9.5 / 11.5	9.5 / 11.5	12.0 / 15.0	15.0 / 18.5
	OD	kg	28.0 / 31.0	29.0 / 32.0	45.0 / 49.5	55.5 / 60.5
Set temperature range	°C		16-30	16-30	16-30	16-30
Operating temperature range	Cooling	°C	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	°C	-20-24	-20-24	-20-24	-20-24

The Sinclair range is a comfort air conditioning product and is not designed for high sensible load applications such as server rooms. The Element range is not recommended for low ambient cooling applications. Please refer to the operating temperature ranges shown in the above tables to assess product suitability for each application. The Sinclair range is supplied with a 3 year parts-only warranty. No labour allowances are paid as part of a successful warranty claim.

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