

## A09L / A12L / A18RL



Mirror



A09L / A12L

- 3M Micro-filtration
- Plasmaster ionisation and auto clean
- Outdoor silent mode
- Active energy control



S09LL / S12LL



S18RL



### SPECIFICATIONS

Model	Indoor Unit Outdoor Unit		A09LL.NSN A09LL.U12	A12LL.NSN A12LL.U12	A18RL.NSC A18RL.UUE
Cooling Capacity	(Min/Rating/Max)	kW	0.89-2.50-3.70	0.89-3.50-4.04	0.9 - 5.2 - 6.0
Heating Capacity	(Min/Rating/Max)	kW	0.89-3.2-5.0	0.89-4.0-6.0	0.9 - 6.3 - 9.0
Low Temp. Heating Capacity(-7 C)		kW	3.2	3.8	5.4
Power Input	Cooling/Heating	W	550/700	880/960	1.5 / 1.65
EER		W/W	4.55	3.98	3.47
SEER			6.2	6.1	5.7
P design C		kW	2.5	3.5	5.2
COP			4.57	4.17	3.82
SCOP				4.0	3.4
P design H		kW	3.2	4.0	6.3
Annual Energy Consumption	Cooling/Heating	kWh	142/1,120	201 / 1,400	319/2,594
Energy Label	Cooling/Heating		A++/A+		A+ / A
Power Supply		Ø / V / Hz	1 / 220-240 / 50		
Air Flow Rate	Indoor,Max	m3/min	12		19
	Outdoor,Max	m3/min	33		50
Sound Pressure Level	Indoor,H/M/L/SL	dB(A)±3	38 / 33 / 23 / 19		42/40/35/29
	Outdoor,Max	dB(A)±3	45		54
Sound Power Level	Indoor,Max	dB(A)	57		60
	Outdoor,Max	dB(A)	65		
Operation Range	Cooling(Outdoor)	°C	-10-48		
	Heating(Outdoor)	°C	-15-24		
Compressor	Type		Rotary	1P Rotary	Twin Rotary
Fan(Indoor)	Motor Output	W	20		49
Fan(Outdoor)	Motor Output	W	43		85
Running Current	Cooling/Heating	A	2.6/3.2		6.6/7.3
Starting Current	Cooling/Heating	A	<2.6/3.2		<6.6/7.3
Max Current	Cooling/Heating	A	6.0/7.0		7.8/9.4
Suggested Circuit Breaker	Type C	A	15		20
Interconnecting Cable			3-Core + Earth		
Refrigerant Charge	R410A	g	1,000		1,350
Additional Refrigerant charge		g/m	20 (> 12.5m)		20 (>7.5m)
Piping Connections	Liquid Side	mm(in)	9.52(3/8)		12.7(1/2)
	Gas Side	mm(in)	2 / 20		TBC/20
Piping Length (Min/Max)		m	21.5 / 16.0		
Max. Elevation Difference		m	10		
Drain Hose(O.D / I.D.)		mm	21.5 / 16.0		
Dimensions	Indoor (WxHxD)	mm	885x285x205		1030x325x245
	Outdoor (WxHxD)	mm	770x545x288		870x655x320
Net Weight	Indoor	kg	10		15.5
	Outdoor	kg	32.3		49