

SHARP

Create a comfortable environment for you and your family.



AIR CONDITIONER RANGE 2011

Control the climate indoors with Sharp air conditioning

With a diverse range of reverse cycle split systems and portable air conditioners, you can create a comfortable, pleasant environment inside your home regardless of the temperature outside.

Sharp Portable Cool Only Air Conditioner Range

4-in-1:

Cool - temperature can be set within the range of 18°C to 30°C.

Dehumidify - the unit generates heat during dehumidification mode increasing the room temperature. Warm air will be blown out from the exhaust air outlet.

Ventilate - the air conditioner ventilates the air to outdoors.

Fan - circulates air in room without cooling it.



Sharp's Plasmacluster Ion technology creates a shower of positive and negative ions, similar to those found in nature. Plasmacluster Ions deactivate suspended airborne mould, viruses, dust mites, allergens and bacteria. Large concentrations of these Plasmacluster Ions are released to every corner of a room helping to clean and refresh the air.

- **4 Speed Fan**

Select from auto, quiet, low and high fan speed. This will circulate air slowly or quickly throughout the room

- **Mega Cool function**

This allows the fan to work at extra high speed with a setting temperature of 15°C

- **Swing function**

Louvers may be set to distribute air in a horizontal or vertical flow

- **Sleep function**

When this function is set, the temperature setting is automatically adjusted to prevent the room from becoming too cold

- **Temp - / + functions**

Increase or decrease the temperature selection to create the perfect comfort for your home

- **Timer function**

Timer duration can be set from a minimum of half an hour to a maximum of 12 hours

- **LCD remote control**

Adjust every major function of the air conditioner with the easy to read display clearly showing the temperature, fan speed, timer settings and much more

- **Window Kit**

Fits double hung and sliding windows. Features rain/insect protection which prevents rain or insects from entering the room



Sharp Reverse Cycle Inverter Air Conditioner Range

An inverter air conditioner has the ability to vary its output power or capacity to suit the environment.

Inverter air conditioners work by using a high power operation to cool or heat a room to the set temperature. After reaching the set temperature, the operation is maintained at a low constant power.



- **Turbo function**

This allows the unit to run at super high fan speed to cool or heat the room quickly so that the ambient temperature approaches the preset temperature

- **'I Feel' function**

The 'I Feel' function automatically adjusts the room temperature to ensure comfort. The remote control will send a temperature reading to the wall unit every 10 minutes (N/A model AC28RMCSYS)

- **Timer function**

Program in advance to create the perfect climate for your home. Wake up to a warm room in the morning or come home to a cool living room after a hot summer's day

- **Light function**

LED display light on the indoor unit can be turned on or off to see selected settings

- **4 Speed Fan**

Select from auto, low, medium and high fan speed. This will circulate air slowly or quickly throughout the room

- **Swing function**

Louvers may be set to distribute air in a fixed angle or to swing up and down

- **Temp - / + function**

Increase or decrease the temperature selection to create the perfect comfort for your home

- **Sleep function**

This allows a set time to be selected to switch off the air conditioner

- **Auto Run**

The unit senses the room temperature automatically to select a suitable running method for room comfort

- **Mode function**

Select between Auto, Cool, Dry, Fan and Heat modes

- **LCD remote control**

Adjust every major function of the air conditioner with the easy to read display clearly showing the temperature, fan speed, timer settings and locking function

- **Intelligent Defrost**

When the outdoor temperature is low but humidity is high, frost may form on the outdoor unit during extended operation. This affects heating efficiency. The Intelligent defrosting function allows the outdoor unit to reduce frost build up. This function will activate for conditions $\leq -2^{\circ}\text{C}$

- **X-Fan function**

Allows the fan to continue to blow after the unit is stopped to remove moisture on the evaporator of the indoor unit to avoid mould build up

Specifications

Reverse Cycle Inverter Split Systems

Model Number		AC09RMCSYS		AC12RMCSYS		AC18RMCSYS		AC24RMCSYS		AC28RMCSYS	
Function		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Output Capacity (KW)		2.6	2.85	3.5	3.85	5.3	5.6	6.5	7.2	8	8.4 / H2 = 7.5
Energy Efficiency Rating		4	4	2	2	2	2	1.5	2	1	1
Total Capacity (W) (High/Standard)		3300/2600	3800/2850	4000/3500	4100/3850	5650/5300	6260/5600	7200/6500	9000/7200	8400/8000	9300/8400
Total Capacity (Btu/h) (High/Standard)		11200/9000	13000/9800	13600/12000	14000/13000	19300/18000	21350/19100	24550/22200	30700/24550	28660/27300	31730/28660
Power Input (W) (High/Standard/Low)		1200/610/264	1250/670/230	1400/1000/262	1450/1066/233	2100/1540/370	2300/1610/398	2600/2000/550	3100/1990/500	3200/2660/650	3500/2860/600
Rated Input (W)		1200	1280	1400	1450	2450	2650	2600	3110	3500 (maximum)	
Rated Current (A)		5.5	6.0	6.0	6.3	10.7	11.5	11.3	13.5	15.53 (maximum)	
Rated Voltage		220-240V~		220-240V~		220-240V~		220-240V~		220-240V~	
Frequency (Hz)		50Hz		50Hz		50Hz		50HZ		50HZ	
Moisture Removal (L/h)		0.8		1.2		3		4		2.7	
Indoor Unit	Indoor Unit	AYX09MCJ		AYX12MCJ		AYX18MCJ		AYX24MCJ		AYX28MCJ	
	Sound Pressure Level dB (A) (S/H/M/L)	42/38/30/28		42/38/30/28		-/45/43/38		49/45/38/34		-/49/47/45	
	Dimensions (WxDxH) (mm)	872 x 178 x 283		872 x 178 x 283		960 x 206 x 300		1090 x 208 x 330		1165 x 235 x 326	
	Net Weight / Gross Weight (kg)	12/15		12/15		13/15		17.5/22.5		17.5/24	
Outdoor Unit	Outdoor Unit	AEX09MCJ		AEX12MCJ		AEX18MCJ		AEX24MCJ		AEX28MCJ	
	Compressor Type	Twin Rotary		Twin Rotary		Twin Rotary		Twin Rotary		Twin Rotary	
	Working Temp Range (°C)	-7°C ≤ T ≤ 43°C		-7°C ≤ T ≤ 43°C		-7°C ≤ T ≤ 43°C		-15°C ≤ T ≤ 46°C		-7°C ≤ T ≤ 43°C	
	Defrosting Method	Auto defrost		Auto defrost		Auto defrost		Auto defrost		Auto defrost	
	Sound Pressure Level dB (A)	54		54		56		58		59	
	Sound Power Level dB (A)	64		64		66		68		69	
	Dimensions (WxDxH) (mm)	848 x 320 x 540		848 x 320 x 540		906 x 360 x 385		1020 x 420 x 845		980 x 440 x 790	
Net Weight / Gross Weight (kg)		40/45		40/45		52/57		64/69		67/71	

Portable Cool Only Air Conditioners

Model Number	CVP10LJ	CVP13LJ
Function	Cooling Only	Cooling Only
Output Capacity (KW)	2.93	3.55
Cooling Power Input (W)	1100	1360
Rated Input (W)	1250	1550
Rated Current (A)	5.8	7.2
Rated Voltage	220-240V	220-240V
Frequency (Hz)	50Hz	50Hz
Working Temp Range (°C)	10°C < T < 35°C	10°C < T < 35°C
Dehumidifying Volume (L/h)	1	1
Sound Pressure Level dB (A) (High/Medium/Low)	56/54/52	57/55/53
Compressor Type	Rotary	Rotary
Dimensions (WxDxH) (mm)	500 x 830 x 450	500 x 830 x 450
Net Weight / Gross Weight (kg)	41/48	43/50

To find out which Sharp system is right for your room, visit www.sharp.net.au and select the Room Size Calculator.

*Rating Conditions (Cooling) – Inside air temperature: 27°C D.B. 19°C W.B. Outside air temperature: 35°C D.B 24°C W.B.

Design and specifications are current as at September 2010 but are subject to change without notice. Colour variations to products may occur due to printing.

SHARP

Sharp Corporation of Australia Pty Ltd
 ABN 40 003 039 405
 1 Huntingwood Drive, Huntingwood NSW 2148
 For enquiries phone 1300 13 55 30
 Tel: (02) 9830 4600 Fax: (02) 9672 1208
www.sharp.net.au