

The following table shows various savings parameters with different On/Off cycle time selected.

SHEPHERD ENERGY SAVING TABLE FOR A.C.
HOURS CONSUMPTION FOR DAILY, MONTHLY & YEARLY.

Set Time Minutes ON-OFF	Capacity In Tons	Consumption per Hour in Unit	Unit Saved Daily	Unit Saved Monthly	Unit saved Yearly	Total Yearly Saving In @Rs.5/- per unit	Total Yearly Saving In @Rs.6/- per unit	Total Yearly Saving In @Rs7/- per unit
30-10	1	1.6	3.2	96.0	1152.0	5760.0	6912.0	8064.0
	1.5	2.1	4.2	126.0	1512.0	7560.0	9072.0	10584.0
22-08	1	1.6	3.4	102.4	1228.8	6144.0	7372.8	8601.6
	1.5	2.1	4.5	134.4	1612.8	8064.0	9676.8	11289.6
15-05	1	1.6	3.2	96.0	1152.0	5760.0	6912.0	10584.0
	1.5	2.1	4.2	126.0	1512.0	7560.0	9216.0	10752.0
10-05	1	1.6	4.3	128.0	1536.0	7680.0	9216.0	10752.0
	1.5	2.1	5.6	168.0	2016.0	10080.0	12096.0	14112.0

NOTE : THE CONSUMPTION OF UNITS SHOWN IN ABOVE CHART IS APPROXIMATELY AND IT MAY VARY DEPENDING ON QUALITY AND AGE OF COMPRESSOR, SITE CONNDITION, OCCUPAENCY RATE, HEAT LOSS AND RUNNING DURATION.

Let us consider, Only a single factor of saving as the base of calculation, (direct reduction on power consumption) suppose, 1.5 ton A.C. is operating for 8 hours a day, for 25 days a month and cost of power in Rs.6/- KWH, then the R.O.I. (pay back) can be achieved within 120 days!!! Annual saving will not be lesser than Rs.9000/-!!! In the case of 3 Ton A.C., payback can be achieved within 75 days with annual saving of Rs.20000/-. In case of 5 ton A.C. payback can be achieved within 50 days with annual saving of not lesser than Rs.35000!!! However, figures can be worked out case to case individually and can be proposed accordingly considering various factors. In these savings and economics no other benefits except direct saving thru' electrical consumption are considered.

The benefits does not end here... The SHEPHERD ENERGY SAVER also helps in enhancing the life of A.C. etc. cooling equipments by at least 20%. The product is Power Saving Device, so the buyer is eligible to claim 80% depreciation of the amount spent towards purchase and installation of the equipment on the vary first year itself under present I.T. laws. This way the 80% of your cost is recovered on day one of the purchase & installation. Perhaps no other product can be so much economically viable.

The micro controlled designed and digital circuits ensure highest level of accuracy, absolutely simple operation and trouble free long lasing performance. The compact, lightweight, elegant instrument is very easy to install and operate. All programs can be changed as and when it is required. The entire instrument can be 'Bypassed' in case of any operational trouble with it and under such other circumstances. The A.C. etc. equipments will then operate directly just like there is no presence of the saver. Thus due to operational trouble with the saver, the function and utility of A.C. etc. can never be affected. The energy saver is guaranteed for one full year against any manufacturing defect and poor workman ship, in such a case, complete replacement will be given.

The energy saver instruments developed, designed and manufactured by SHEPHERD are suitable for all type of A.C. like window, split, package A.C. etc., deep freezer and water cooler in three phase and single phase version of any capacity with appropriate change in internal control gear of energy saver to suit the capacity required. Each instrument is supplied with operating manual, guarantee card and wiring connection diagram.