

# Energy saving, Virdavallen, Sweden

With a Realice there's a large potential of saving energy. Tests made in Sweden at Virdvallens Ishall in Alvesta shows that just by implementing a Realice you will save about 24 € per day in energy costs. Everything else equal. Additional to that, there are two other potential energy savers with the Realice system. The first is that it's possible, with Realice, to use a lower temperature at the applied water when resurfacing and the second is that you don't need to buy the hot water for resurfacing. These two additional options will save you up to the same amount of money as just implementing the Realice.

Recalculated for a complete year, 12 month, these three steps will save you up to 17 000 € / year.

	<b>Large Compressor</b>	<b>Small</b>	<b>Total</b>
<b>Compressor Power, W</b>	75000	55000	
<b>Energy price, €/kWh</b>	0,1	0,1	
<b>Total Running time, hour</b>	2631	2150	4781
<b>August</b>	27	121	148
<b>September</b>	330	278	608
<b>October</b>	362	224	586
<b>November</b>	376	248	624
<b>December</b>	380	229	609
<b>January</b>	285	212	497
<b>February</b>	332	153	485
<b>March</b>	283	120	403
<b>Total Running time</b>	2375	1585	3960
<b>Decreased running time, hours</b>	256	565	821
<b>Cost 2006-2007, €</b>	19 732	11 825	31 557
<b>Cost 2007-2008, €</b>	17 812	8 717	26 529
<b>Cost reduction %</b>	-9,7%	-26,3%	-15,9%
<b>Cost reduction, €</b>	<b>1 920</b>	<b>3 108</b>	<b>5 028</b>