How can you save water in your lab?

Become more sustainable by using recirculating chillers & waterless air condensers in your laboratory!

Julabo

Condensers/ Chiller	Hrs Usage / Year	kWh Usage / Year	Energy Cost / Year	Litres of Water Saved / Year	Cost of Water Saved / Year	Savings / Year	Payback
1/F250	2080	457.60	£45.76	861,120	£1,722.24	£1,676.48	1.32 Years
2/F500	2080	717.60	£71.76	1,722,240	£3,444.48	£3,372.72	0.93 Years
4/F1000	2080	1,374.88	£137.49	3,444,480	£6,888.96	£6,751.47	0.58 Years

Water savings & payback based on cooling 1, 2 and 4 condensers for 8 hours a day, 5 days a week for 52 weeks giving 2080 hours of usage. Water costed at £2 per metre cubed, electricity at £0.10 per kWh. Info supplied by Julabo UK, Autumn 2020.

Speak with us today to discuss your options!

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What else can you do to save water in your lab?

Save water, save money, save the planet with CondenSyn air condensers

The Asynt CondenSyn Waterless Air Condenser is a unique glass condenser, handmade individually in the UK, that requires no cooling water for operation. By using a unique glass forming technique we have been able to manufacture a high surface area air condenser which is robust and effective.

The average rate of water used in a condenser is 2 litres per minute; this rate was confirmed by a major UK research institution as the average measured use per water condenser in their facility. The water costs used below are at £1.22 per cubic metre supply and £1.56 per cubic metre waste which is equivalent to 0.28p per litre. This commercial rate cost is from a water supplier here in the UK, Anglian Water in March 2020. As you can see, you'll be saving more than just water!

	5 hours per day	*24 hours per day*
Water used per day	600 litres	2,880 litres
Cost per day	£1.68	£8.06
Cost per month (working days)	£33.60	£161.20
Cost per year (working days)	£403.20	£1,934.40

Make the switch today and not only will you be saving water and working more sustainably but you're alleviating the risk of flooding, saving a fortune in money that's literally pouring down your drain, and working in a tidier and safer environment.

Further smart, simple, & sustainable swaps

Go oil-free: DrySyn laboratory heating & cooling block system

Oil baths are potentially hazardous, messy, and a disaster for the environment. They can be difficult to work with and contaminate your samples so make the change to DrySyn oil-free laboratory heating blocks now for safe, clean synthesis.

Truly versatile, the DrySyn range can be configured quickly and easily to suit single or parallel reactions and comes in a huge range of sizes to suit your requirements. It's available as handy kits or individual components and every base comes with heat resistant handles for safe working at high temperatures.

DrySyn is an established technology chosen by the leading laboratories around the world. Chemically resistant, DrySyn gives excellent heating transfer rates and magnetic stirring so you don't need to change your chemistry - just change to DrySyn!

Speak with us today to discuss your requirements

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