

Repair or Replace your chiller pumps?

Five Pump key factors to consider when reviewing your chiller pumps:

1. How old are your chiller pumps?
2. The pumps' runtime or hours
3. How many repairs have been carried out?
4. How often failures occur
5. Chiller system downtime or disruption

Each point is expanded in detail below.

How old are your chiller pumps?

The age and type of an industrial pump in operation is a serious consideration when it comes to assessing whether to replace or maintain an existing system.

An older chiller system is not going to be as efficient or as reliable as a newer model with up-to-date, state of the art technology, for example more efficient motors or with variable speed drives.

Pump systems are improving all the time and have come a long way in the last few years, with newer models on the market offering much greener and more energy-efficient solutions for Maintenance and Site Managers.

It is well worth talking to a pump specialist to find out more about assessing the efficiency of an older pump system.

Many chiller systems are running at 50% inefficiency. There are savings to be made.



The pump's runtime

If the chiller pumps have been in operation for a number of years and have clocked up many hours of runtime, the installation may well not be working efficiently.

By analysing the ongoing and existing costs associated with maintenance, repairs and downtime, and comparing them with the costs and savings associated with the installation of new energy-efficient chiller pumps, you can make a clear decision for the future of your pump system.



Invite us for a free site visit, and we will be able to advise you.

How many repairs have been carried out?

More repairs = less efficiency If your chiller pumps have already been repaired, possibly more than once, it may be time to look into the cost-effectiveness of further upkeep versus replacing the pumps. The more repairs, the less efficient the pump system. As experts in the world of pump systems, we at Dura Pump are always on hand to help and provide free advice to take the weight off your shoulders and our free* site visit will be helpful.



How often failures occur on your chiller pumps

Very often chiller pumps are several years old and been nearly completely overlooked. Although some failures may only happen once every so many years, they can be very costly, and inconvenient.

If your chiller pump system is not offering the Return on Investment (ROI) you had been promised and you have experienced regular pump failures, contact the supplier – the problem may be covered under a warranty agreement. Alternatively, you can turn to us to ask for advice or a site survey. You may find out that your pump has not been installed correctly which is the cause behind the ongoing issues and reduced efficiency.



Chiller system downtime or disruption

A new installation will possibly mean some down-time and disruption; when would it cause the least disruption and impact to the business? If you need to schedule it in, then an emergency repair to tide you over is the best bet.

Naturally, if a pump system does not have a back-up and provides a critical function, it will need to be either repaired or replaced within a very short period of time – make sure you deal with pump experts who can offer a 24-hour service, and will do the job quickly and effectively. At Dura Pump we know that your time is hugely valuable.

Whilst planning a new pump installation it's worth noting that not all pump systems are kept in stock, so allow plenty of lead time not only for research and surveys but also for delivery. A site survey by engineers is imperative to ascertain the best route forward with an installation. You don't want to discover that the pump you have ordered doesn't fit in the required space. It's an easy mistake to make when there are so many other considerations – another reason to deal with professionals when it comes to pumps.



Contact us for a site survey or if you are still unsure – [Visit our Case Study here on how a company saved £22,000](#)