Pharmaceutical company – IVG20-CT + Nano12 CoolWater skid

Type of industry	Pharmaceutical industry
Cooling type and cooling towers:	Open coolingtowers
Before IVG installation	
Evaporate capacity in MW	7 MW
Water evaporation in m3/hr	8,7 m3/hr
Water consumption in m3/hr	12,15 m3/hr (full load)
Cooling water thickening (COC)	Factor 3.5
Chemical consumption	6.500 kg a year
Discharge waste water on	Surface water via private WWTP
Type of water	Mains water / drinking water
After IVG installation	
Evaporate capacity in MW	7 MW
Water evaporation in m3/hr	8,7 m3/hr
Water consumption in m3/hr	10,4 m3/hr (full load)
Decrease water consumption	-/- 14,3%
Cooling water thickening (COC)	Factor 6.0
Chemical consumption	0.00 kg
Decrease chemical consumption	100%
Full Operational Lease savings	-/- 32%
Decrease drinking water	-/- 95%
IVG technology	
Absorbed power	8 KW
Discharge waste water	Surface water via private WWTP

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About the customer

At the end of the 19th century, this pharmaceutical company started producing medicines. The goal was to make more effective treatments available to patients and doctors.

With the pioneering work of this company, it was one of the founders of pharmacy. Their activities have since expanded further to meet the growing global healthcare needs.

Shared missions

Sustainability at this pharmaceutical company focuses on the areas where opportunities for the company, come together with a positive impact on society and on the environment. Water related, this means that their focus is on protecting clean water sources. This mission of course ties in well with Pathema's mission. Because with our pragmatic solution we ensure together that this company is ready for the new water reality and we assist them in the transition from "Take, Make and Waste" to "Reduce, Re-use and Recycle".

Because of that conviction and because of the drinking water savings brought about by the use of the IVG20-CT, Pathema was chosen.