

APP high-pressure pumps with ceramics: **Reliable energy efficiency** for demanding SWRO



**Pre-filtration
lowered to
5 μ nominal**



**Longer
service
intervals**



**Lower OPEX,
more uptime**



**Market-leading
energy efficiency
up to 92%**



**Field-proven
reliability**

Energy-efficient SWRO in challenging conditions **just got simpler**

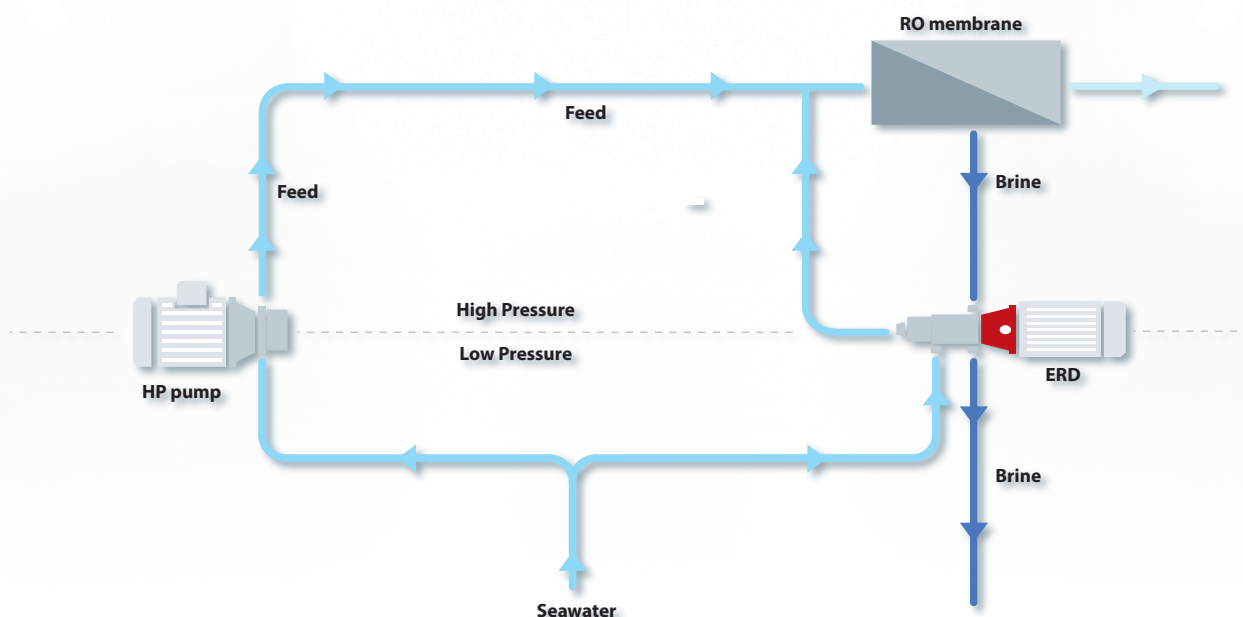
The new APP pumps with ceramics enables SWRO operators to achieve unparalleled energy efficiency and simpler maintenance.

With the integration of ceramics and other advanced materials on all wetted parts, pre-filtration requirements for the market's most energy-efficient high-pressure pump are now lowered from 10µ absolute to 5µ nominal.

Additionally, restarting the self-lubricating pumps after power outages is now simpler and safer.

Now, SWRO operators in locations with even the most challenging seawater intake conditions and uneven power supplies can enjoy all the advantages of best-in-class energy efficiency and operational flexibility.

	APP D 30 / 1200 with ceramic	APP D 38 / 1500 with ceramic
Pressure range: Max outlet pressure	83 barg / 1,200 psig	83 barg / 1,200 psig
Inlet pressure, cont.	2 – 5 barg / 29 – 72.5 psig	3 – 5 barg / 43.5 – 72.5 psig
Flow range	18.1 – 30 m ³ /h 79.7 – 132.1 gpm	18.1 – 38 m ³ /h 79.7 – 173 gpm
Speed	700 – 1,200 rpm	700 – 1,500 rpm



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