

HYFRA Sigma

Now with plate heat exchangers

- Requires 70% less refrigerant
- Energy efficiency greatly improved
- Weights less and saves space
- Increased operating safety
- Easy to maintain

Welcome to the future of machine cooling. The proven HYFRA Sigma series is now equipped with state-of-the-art plate heat exchangers in the power range of 5 to 320 kW of cooling capacity.

Its advantages are apparent at first glance. The compact design of the plate heat exchangers makes them lighter and more compact. Refrigerant use and operating costs are also less than with standard basket cooling.

Your HYFRA contact person would be glad to provide you with information about the other advantages of the new Sigma series.



Less refrigerant

The HYFRA microchannel technology features a compact refrigeration cycle. In conjunction with the plate heat exchanger, the refrigerant used is reduced by up to 70%.

Improved energy efficiency

The new plate evaporator generation is much more efficient and reduces operating costs significantly.

Reduced space requirements

Unlike heavy basket coolers, plate evaporators are more compact and lightweight. They save space and transport costs.

Always safe

The two-point pressure transducer constantly regulates system pressure and warns of leaks.

Easy maintenance

Due to low refrigerant use by Sigma units with up to 30 kW of cooling capacity, the obligation to perform an annual leak test does not apply. The plate heat exchangers are simply replaced if required.