

XCR Series – Brazed Plate Heat Exchangers

For pleasant-temperature moments

A swimming pool is pure wellness. There is hardly anything more comfortable than to swim in warm water or to bask in a pool. Your health will repay you.

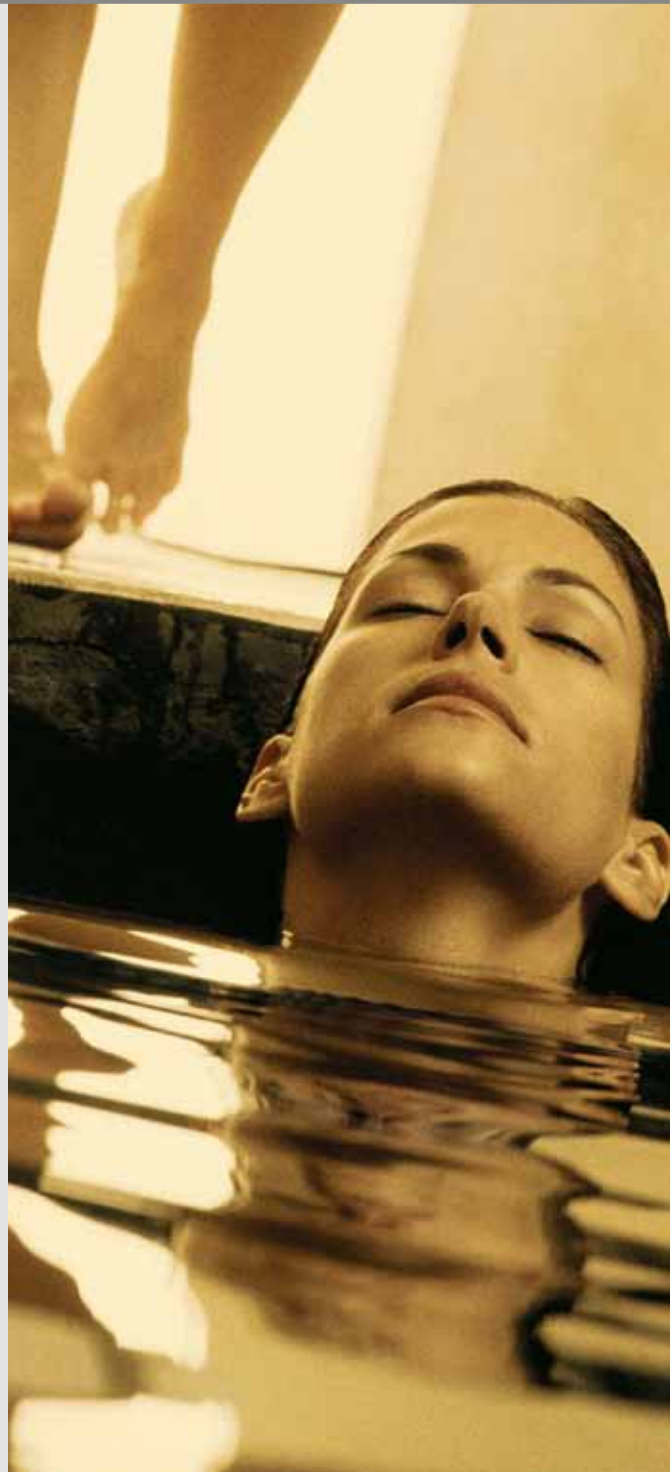
What is useful for hygiene purposes however frequently involves damage to pool equipment: corrosive free chlorine. The service life of standard-brazed heat exchangers therefore is quite limited in most cases. The refined XCR (eXtended Corrosion Resistance) plate heat exchangers from the EcoBrazed product line resist this condition. They are made of SMO 254 stainless steel and resist corrosion even at the high chlorine contents common in pool service.

The special plate design and enlarged, stronger braze joints (copper/nickel) make the entire unit more stable and pressure-resistant.

XCR brazed plate heat exchangers by GEA PHE Systems are therefore completely protected against corrosion and leaks. Your benefits are maximum safety, economic efficiency and a manufacturer offering the best heat exchanger for pool owners. Worldwide.

Features and benefits

- Long service life due to high-quality stainless steel
- Corrosion-resistant at high chlorine contents
- Individual examination of allowed chlorine / temperature ratio upon request



XCR Series – Technical data

Plate material: Stainless steel SMO254 (1.4547)

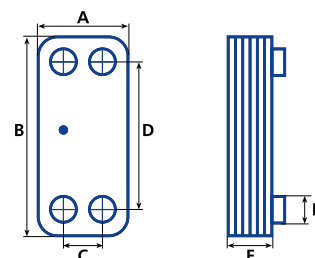
Brazing material: Copper / Nickel

Temperature range: $\pm 195^{\circ}\text{C}$

Operating pressure: Copper up to 30 bar / Nickel up to 16 bar

Third party approval: PED (CE), TÜV, ASME, UL, CSA, other on request

Features:



Stainless steel, copper- or nickel-brazed	A	B	C	D	E	F N = Number of plates	Mass N = Number of plates	Volume	Max. water flow rate	Max. number of plates
Type	Standard dimensions (mm)					(kg)	(liter/ch)	(m ³ /h)		
WP/NP22-XCR	90	328	43	279	20	12.20+2.22xN	1.30+0.080xN	0.046	6	50
WP/NP24-XCR	90	464	43	415	20	12.20+2.20xN	2.04+0.140xN	0.070	6	50
WP/NP3-XCR	124	173	73	120	25	12.30+2.22xN	1.20+0.060xN	0.030	10	50
WP/NP4-XCR	124	335	73	281	25	11.80+2.24xN	1.60+0.130xN	0.065	10	100
WP/NP5-XCR	124	532	73	478	25	11.80+2.28xN	13.0+2.30xN	0.100	10	100
WP/NP7L-XCR	271	532	200	460	40	13.30+2.34xN	13.5+2.35xN	0.230	27	150
WP/NP7M-XCR	271	532	200	460	40	13.30+2.30xN	13.5+2.35xN	0.230	27	150

The specifications contained in this printing unit are intended only to serve the non-binding description of our products and services and are not subject to guarantee. Binding specifications, especially pertaining to performance data and suitability for specific operating purposes, are dependent upon the individual circumstances at the operation location and can, therefore, only be made in terms of precise requests.

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