

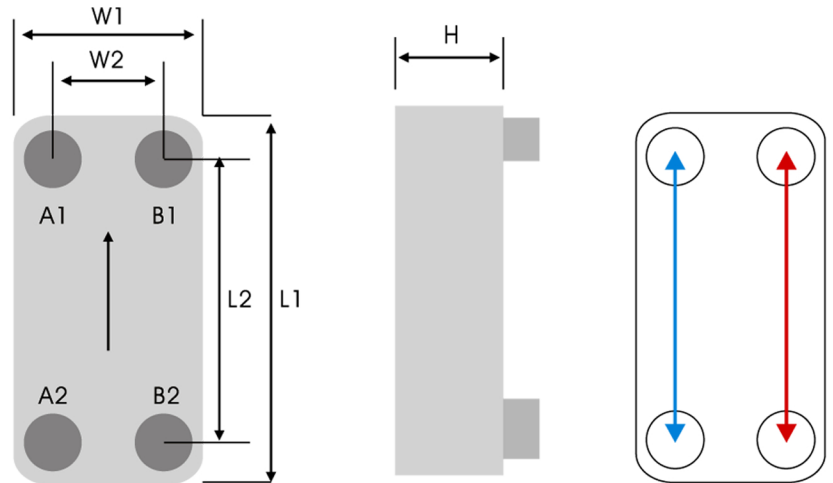
IR Series - Impact Resistant Brazen Plate Heat Exchanger



The IR series is best suited for applications which may encounter thermal or pressure shock.

This series was particularly designed for hydraulic systems, and boiler systems.

Brazing Material	Copper			
Model	IR-030	IR-070	IR-105	IR-205
	(A1,A2/B1,B2)			
Max. Working Pressure (bar)	30/30	30/30	30/30	30/30
Min. Test Pressure (bar)	43/43	43/43	43/43	43/43
Max. Working Temperature (°C)	200 °C			



Model	L1 (mm)	L2 (mm)	W1 (mm)	W2 (mm)	H Thickness (mm)	Weight (kg)	Heat Transfer Area/ plate (m ²)	Total Heat Transfer Area (m ²)	Volume/ Channel (liter)	Total Volume (liter)
IR-030	194	154	80	40	10.0+2.25*N	0.90+0.047*N	0.0117	(N-6)*0.0117	0.025	(N-5)*0.025
IR-070	304	250	124	70	10.0+2.40*N	1.96+0.131*N	0.0300	(N-6)*0.0300	0.065	(N-5)*0.065
IR-105	504	444	124	64	10.0+2.40*N	4.06+0.237*N	0.0533	(N-6)*0.0533	0.107	(N-5)*0.107
IR-205	528	456	246	174	11.5+2.40*N	8.12+0.438*N	0.1099	(N-6)*0.1099	0.232	(N-5)*0.232

N: number of plates

