

## HEAT EXCHANGERS

### General characteristics

Heat exchanger family	Shell material	HEAT EXCHANGERS RANGE												Exchange surface (m <sup>2</sup> )	
		Maximum acceptable flow SHELL side (l/mn)			Maximum acceptable flow TUBES side (l/mn)										
		Bafflet set			Simple			Double			Quadruple				
		Narrow	Medium	Wide	Cu	CuNi	Inox	Cu	CuNi	Inox	Cu	CuNi	Inox		
C05 to 14	Aluminium or Copper	90		160		380	380		100	100				0.20 to 1.14	
U05 to 14		110		210					100					0.26 to 1.46	
T05 to 14		90		190		380								0.26 to 1.46	
F07 to 17		200	250	360		380	380		250	250		100	100	0.57 to 3.80	
L07 to 17		200	310	380								100	100	0.74 to 4.96	
B07 to 17		180	270	380					250	250				0.85 to 4.74	
A07 to 17		160	250	360		590								0.92 to 6.17	
H08 to 18		270	370	520	400	590	5590	200	380	380				1.19 to 7.59	
K09 to 19		480	710	1000	740	1000	1000	370	590	590				2.73 to 17.39	
M11 to 20		670	990	1000	900	1910	1910	450	1000	1000				4.82 to 25.48	
R11 t 21		1140	1730	1910	1240	1910	1910	620	1000	1000				6.60 to 42.14	

Cu = Copper tubes bundle / CuNi = 90-10 Copper-nickel tubes bundle / Inox = 316L Stainless steel tubes bundle

Acceptable maximum pressure (bar)	OPERATING PRESSURES				Heat exchangers PICKER are not submitted to the essential requirements of safety (security) of the Directive "PRESSURE EQUIPMENT" 97 / 23 / CE. Thus they are made according to the "rules of the art" (Art. 3§3 of this directive).	
	SHELL side		TUBES side			
	Heat exchanger family		Heat exchanger family			
	C-T-U	F-A-B-L-H-K-M-R	C-T-U	F-A-B-L-H-K-M-R		
Service	20	16	16	10		
Test	30	24	24	15		



KEY POINTS	
<input type="checkbox"/>	Industrial versions
<input type="checkbox"/>	Marine versions
<input type="checkbox"/>	Completely knockdown devices
<input type="checkbox"/>	Guaranteed 2 years from our factory

MANUFACTURING MATERIALS	
Shell	Alloys of aluminium, copper, bronze
Bundle tube	Copper, copper-nickel, stainless steel 316L
Plate-tubular	Bronze
Baffle	Brass
Tie	Copper
Cover	Iron cast, bronze
Anode	Zinc
Counter-flange	Carbon steel, bronze
Screw and bolt	Carbon steel, brass
Central stem	Aluminium bronze
Joint	Nitrile, fluorocarbon (« VITON »), ethylene-propylene

### APPLICATIONS

Power generating unit, marine propulsion, propulsion convey, railway propulsion, pumping, machine of construction, speed-reduction gear, torque converter, gear box, hydraulic press, rolling mill, extrusion machine, crusher, machine tool, special machine, moulding plastics, hydro-electric power, station, winch, thermal engine, compressing, transmission, hydraulic equipment, car industry, aircraft industry, centralized greasing, compressor, fire protection, cutting fluid, transmitter, station of purification, fluid of hardening, oil industry, transformer fight ...