

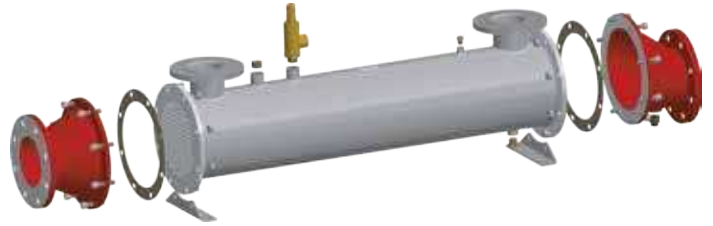
Servicing the unit

Simply unbolting the end covers or access plates (depending on the version) allows access to the tube plates, which can then be easily cleaned in accordance with guide lines given in the Installation, Operation and Maintenance Manual. You can download a copy by visiting www.ejbowman.co.uk, or should you need further advice, contact our technical sales team on **+44 (0) 121 359 5401**.
NOTE: on reassembly, new gaskets should always be used when refitting end covers or access plates.



Replacement Parts

A comprehensive range of replacement parts is available including end covers, gaskets, pressure relief valves, end cover fixings, feet and drain plugs.



Total Engine Cooling Solutions

For nearly 100 years, Bowman has provided efficient, reliable cooling solutions for normally aspirated and forced induction engines. During that time the company has amassed a wealth of expertise and can provide a complete cooling solution for both marine and land based stationary engines, including:

Header Tank Heat Exchangers

Bowman's unique design combines high efficiency engine cooling, with long life durability. Suitable for engines up to 1800kW.



Engine & Gearbox Oil Coolers

A range of compact units suitable for engine or transmission oil cooling.



Charge Air Coolers

Improved combustion efficiency and reduced fuel consumption are just some of the benefits provided by Bowman charge air coolers.



Fuel Coolers

Bowman in line plate fuel coolers are compact, easy to install and suitable for use with all fuel types – including Ethanol rich fuels



Combined heat recovery performance table

Type	Engine Power	Jacket Water	Engine Oil	Charge Air Cooler	Exhaust Gas	Total Reclaimed Energy
	kW	kW	kW	kW	kW	kW
2-	16	5	2	2.5	11.5	20.5
3-	32	10	4	5	23	41
4-	60	18	7	9	43	77
5-	90	27	10	14	65	115
6-	140	42	15	21	101	179
8-	250	75	28	38	181	321
10-	400	120	44	60	288	512
12-	600	180	66	90	425	761
15-	950	280	104	142	670	1205

The figures should be used as a guide only, and an optimised design is available on request.

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