

NEW 15" Exhaust Gas Heat Exchanger

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Bowman has extended the range of exhaust gas heat exchangers to incorporate a 15" diameter unit that is capable of recovering waste energy from engines rated in excess of 1mw.

The complete range is also being modified to include right angled end covers, as can be seen on the reverse. The end covers are fitted with a plate on each end allowing easy access to the heat exchanger tubes for cleaning and maintenance.



Type	Gen Set rating		Performance		
	Typical Engine Power kW	Exhaust gas flow kg/min	Exhaust gas outlet temp °C	Heat recovery kW	Exhaust gas pressure drop kPa
2-25-5837-4	16	1.2	210	9.5	2.4
2-32-5837-5	16	1.2	170	10.5	2.8
3-32-5838-5	32	2.4	210	19	2.4
3-40-5838-6	32	2.4	170	21	2.8
3-60-5838-8	32	2.4	120	23	3.4
4-32-5839-5	60	4.5	210	35	2.2
4-40-5839-6	60	4.5	170	39	2.4
4-60-5839-8	60	4.5	120	43	3.0
5-32-5840-5	90	6.7	210	52	2.1
5-40-5840-6	90	6.7	170	57	2.4
5-60-5840-8	90	6.7	120	66	2.9
6-32-5841-5	140	10.5	210	82	2.2
6-40-5841-6	140	10.5	170	90	2.4
6-60-5841-8	140	10.5	120	101	3.0
8-32-5842-5	250	18.7	210	147	2.3
8-40-5842-6	250	18.7	170	160	2.5
8-60-5842-8	250	18.7	120	181	3.0
10-32-5843-5	400	30.0	210	236	2.4
10-40-5843-6	400	30.0	170	256	2.6
10-60-5843-8	400	30.0	120	288	3.1
12-32-5844-5	600	45.0	210	353	2.3
12-40-5844-6	600	45.0	170	380	2.5
12-60-5844-8	600	45.0	120	425	3.1
15-40-5845-6	1000	70.0	170	641	2.6
15-60-5845-8	1000	70.0	120	724	3.1

For larger sizes contact our sales department.

100kPa-1 bar

Maximum working gas side pressure 0.5 bar
Maximum working water side pressure 4 bar

Maximum working gas side temperature 700°C
Maximum working water side temperature 110°C



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