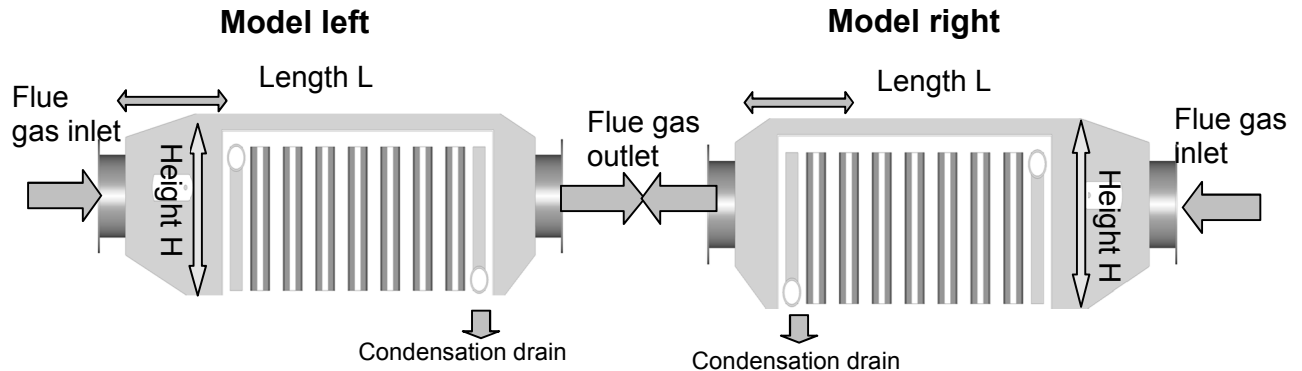


Flue Gas Heat Exchangers for Capstone Micro Gas Turbines Type CR (Biogas)



The heat exchangers are delivered in “left” or “right” models that are mirror-inverted. Models for vertical installation are also available on request.

A dip tube with temperature sensor is installed inside the register of the flue gas heat exchangers which in combination with a control unit makes it possible to efficiently control the charge pump.

The models with an internal flue gas bypass are equipped with an actuator with a spring return.

The heat outputs in the following table refer to water temperatures at the feed line/return line of 85/60°C.

Materials (stainless steel): casing 1.4571, finned tubes 1.4571 / 1.4521

Flue gas heat exchanger	for turbines	Flue gas mass flow	Flue gas pressure loss	Heat output	Cooling water mass flow	L Casing	B	H
Type	Type	approx. kg/h	approx. hPa	kW	approx. kg/h	mm	mm	mm

Models **with** internal flue gas bypass and actuator

RB 4.20-34 B*)	CR 30	1120	4.2	61	2100	1400	670	260
RB 8.20-67 B*)	CR 65	1760	3.6	115	4000	1500	680	480
	2 x CR 30	2230	5.4	122	4300			
RB 10.20-84 B	2 x CR 65	3530	4.9	215	7400	1500	740	580

Models **without** internal flue gas bypass

R 4.20-34*)	CR 30	1120	4.2	61	2100	1350	740	260
R 8.20-67*)	CR 65	1760	3.6	115	4000	1500	740	440
	2 x CR 30	2230	5.4	122	4300			
R 10.20-84	2 x CR 65	3530	4.9	215	7400	1500	740	530
R 15.20-150	CR 200	4680	2.2	265	9100	1500	920	750
	3 x CR 65	5290	2.8	335	11500			
R 25.20-250	2 x CR 200	9290	3.3	510	17600	1800	920	1250
R 26.20-435	CR 600	14360	4.5	805	27700	1800	920	1300
R 32.20-536	CR 800	19150	4.5	1060	36500	2250	1250	1700

*) with removable register

Subject to technical changes!

Status: 06 July 2017