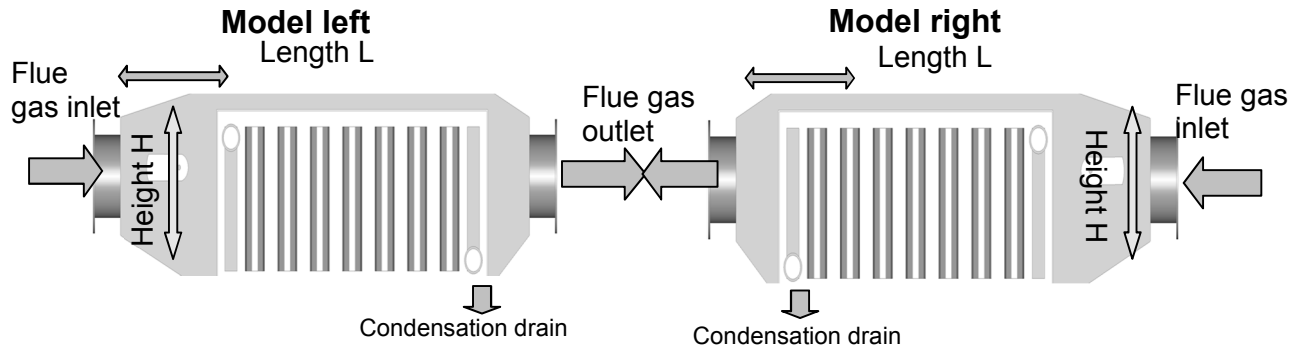


Flue Gas Heat Exchangers for Capstone Micro Gas Turbines Type C (Natural Gas)



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 *)	C 30	1120	4.2	65	2300	1400	670	260
RB 8.20-67 B *)	C 65	1760	3.6	124	4200	1500	680	480
	2 x C 30	2230	5.4	130	4450			
RB 10.20-84 B	2 x C 65	3530	4.9	232	7600	1500	740	580

Models **without** internal flue gas bypass

R 4.20-34 *)	C 30	1120	4.2	65	2800	1350	740	260
R 8.20-67 *)	C 65	1760	3.6	124	4200	1500	740	440
	2 x C 30	2230	5.4	130	4450			
R 10.20-84	2 x C 65	3530	4.9	232	7600	1500	740	530
R 15.20-150	C 200	4680	2.2	283	9600	1500	920	750
	3 x C 65	5290	2.8	359	12100			
R 25.20-250	2 x C 200	9290	3.3	550	18300	1800	920	1250
R 26.20-435	C 600	14360	4.5	846	29000	1800	920	1300
R 32.20-536	C 800	19150	4.5	1097	38200	2250	1250	1700

*) with removable register

Subject to technical changes!

Status: 06 July 2017