

OPX REC

The OPX REC model is provided with a combustion air pre-heater installed towards the rear of the boiler in order to form a single body.

Design pressure: **10 bar**

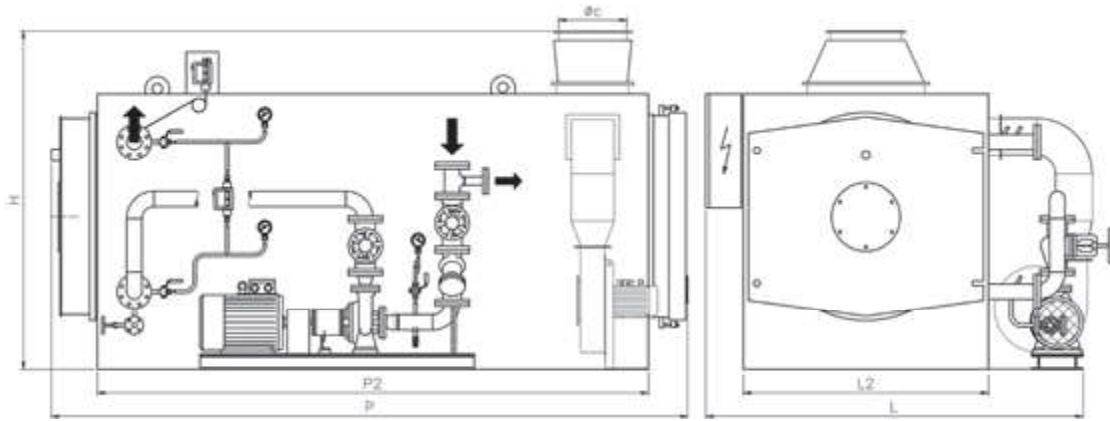
Heat output: **1163 ÷ 9302 kW**

Efficiency: **> 91,0 %**



TECHNICAL DATA

Model	Heat Output	Flow thermal	Oil side pressure drop	TS max. operating temperature	Total volume oil	Flue gas pressure drop	Gas consumption	Diesel fuel consumption	Nafta consumption	Empty weight
OPX REC	kW	kW	mbar	°C	lt	mbar	Nm3/h	kg/h	kg/h	kg
1000	1163	1277	1680	290	460	5,5	130,7	107,6	113,2	3500
1200	1395	1533	1000	290	680	6,0	156,9	129,2	135,9	4800
1500	1744	1916	1700	290	700	7,5	196,2	161,6	169,9	5000
2000	2326	2555	1600	290	1350	8,0	261,5	215,4	226,5	9500
2500	2907	3194	1300	290	1600	9,0	327,0	269,3	283,2	10500
3000	3488	3833	1800	290	1520	10,0	392,4	323,1	339,8	11500
4000	4651	5110	2000	290	2300	12,0	523,2	430,9	453,1	14300
5000	5814	6388	1900	290	2500	15,0	654,0	538,6	566,4	16300
6000	6977	7666	2000	290	2800	18,0	784,9	646,4	679,7	21000
8000	9302	10222	2900	290	3650	19,0	1046,5	861,9	906,3	28000



DIMENSIONS

Model	H	L	L2	P	P2	ØC	N1	N2
OPX REC	mm	mm	mm	mm	mm	mm	DN/in	DN/in
1000	2000	2150	1430	3800	3420	400	80	80
1200	2120	2300	1560	4300	3870	450	100	100
1500	2250	2500	1650	4600	4000	500	100	100
2000	2700	2700	2100	4700	4628	550	125	125
2500	2900	2900	2200	5200	4976	600	125	125
3000	2850	3000	2300	5600	5394	600	150	150
4000	3300	3300	2500	6350	6152	650	150	150
5000	3800	3450	2800	7000	6278	700	200	200
6000	3800	3600	2800	7750	7028	800	200	200
8000	3800	3750	2800	8000	7278	850	200	200

STEAM

SUPER-HEATED WATER

THERMAL OIL

HOT WATER

ACCESSORIES

SYSTEM LAYOUTS

STANDARD EQUIPMENT

- 2 input output connections complete with counter flanges
- 1 boiler drain valve
- 2 oil input output pressure gauges complete with steel shut-off valves
- 1 liquid expansion safety thermostat with manual reset
- 1 safety differential pressure switch for boiler oil circulation, complete with steel valves
- 1 oil flow temperature probe
- 1 oil return temperature probe
- 1 flue gas sensor

Oil circulation unit including:

- electric pump coupled directly to an electric motor with joint, cast iron body, steel shaft with self-cooled mechanical seal, positioned on support
- 2 cast iron globe valves with sealing metal bellows, mounted on suction and flow
- 1 nodular cast iron filter mounted on pump suction
- 1 pressure gauge with steel shut-off valves
- 2 stainless steel expansion compensators mounted on pump suction and flow (models > OPX / OPX REC 3000)

Boiler control panel, IP 55 400V/3 +N/ 50Hz

PRODUCT CODES

Model	Code
OPX 1000 REC	87111001
OPX 1200 REC	87111201
OPX 1500 REC	87111501
OPX 2000 REC	87112001
OPX 2500 REC	87112501
OPX 3000 REC	87113000
OPX 4000 REC	87114000
OPX 5000 REC	87115000
OPX 6000 REC	87116000
OPX 8000 REC	87118000

ACCESSORIES AVAILABLE FOR THE RANGE

Code	Description	OPX	OPX REC
See section	PMX reserve oil circulation unit	■	■

COMPONENTS FOR HEATING PLANT ROOM COMPATIBLE WITH THE RANGE



EVX
Indirect steam boiler



VEO
Thermal oil expansion vessel



STORAGE TANK
Thermal oil