clean energy ahead
TURBODEN
25124 BRESCIA – Italia – Via Cernaia, 10 – Tel. +39 030 3552001 Fax +39 030 3552011 e-mail: info@turboden.it www.turboden.it

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Heat Recovery application - Standard Sizes and typical performances*								
		TURBODEN 4 HR	TURBODEN 6 HR	TURBODEN 7 HR	TURBODEN 10 HR	TURBODEN 14 HR	TURBODEN 18 HR	TURBODEN 22 HR
INPUT - Thermal oil								
Thermal oil nominal temperature (in/out)	°C	275 / 150	260 / 150	270 / 150	270 / 150	275 / 150	280 / 150	280 / 150
Thermal power input	kW	2200	2850	3450	4500	6450	8700	11000
OUTPUT - Cooling water								
Cooling water temperature (in/out)	°C	25 / 35	25 / 35	25 / 35	25 / 35	25 / 38	25 / 40	25 / 42
Thermal power to the cooling water	kW	1760	2253	2728	3563	5096	6860	8682
Performances								
Gross electric power	kW	418	567	687	898	1302	1762	2220
Gross electric efficiency		0,19	0,199	0,199	0,199	0,202	0,203	0,202
Captive power consumption	kW	18	22	27	33	52	62	80
Net active electric power output	kW	400	545	660	865	1250	1700	2140
Net electric efficiency		0,182	0,191	0,191	0,191	0,192	0,196	0,195
Electrical generator		asynch., 3 phase, L.V.	asynch., 3 phase, L.V.	asynch., 3 phase, L.V.	asynch., 3 phase, L.V.	asynch., 3 phase, L.V.	asynch., 3 phase, L.V.	asynch., 3 phase, L.V.
Size of plant		15 X 3 X 3,1 m	15 X 3 X 3,1 m	15 X 3 X 3,1 m	15 X 4,5 X 3,3 m	13 X 6 X 6,2 m	15 X 7 X 5 m	17 X 7 X 5 m
		Single skid	Single skid	Single skid	Single skid	Multiple skid	Multiple skid	Multiple skid
*Data indicated could change taking into account the actual features of the specific project (optimization of heat recovery application).								