

Type		ETW 400 EG	ETW 600 EG	ETW 800 EG	ETW 1010 EG	ETW 1200 EG	ETW 1380 EG	ETW 1520 EG	ETW 1840 EG
Power mechanical	kW	414	620	825	1040	1232	1419	1560	1890
Power electrical	kW	400	600	800	1012	1200	1380	1521	1840
Power	thermal	405	621	821	1035	1182	1248	1394	1685
	from cooling water	227	357	440	604	631	744	756,02	1012
	from exhaust	178	264	381	431	551	504	638	673
	low temperature < 50°C	157	233	339	382	488	439	564	587
Fuel consumption	kW	954	1427	1889	2329	2818	3082	3438	4131
Natural gas with calorific value 10 kWh/Nm³	m³/h	95,4	142,7	188,9	232,9	281,8	308,2	343,8	413,1
Engine manufacture		MWM	MWM	MWM	MTU	MWM	MWM	MTU	MWM
Engine type		TCG3016V8	TCG3016V12	TCG3016V16	8V4000L64FNER	TCG2020V12	TCG3020V12	12V4000L64FNER	TCG3020V16
Position / number of cylinders		V8	V12	V16	V8	V12	V12	V12	V16
Displacement	cm³	17.500	26.300	35.000	38.130	53.000	53.000	57.225	71.000
Medium piston speed	m/s	8,0	8,0	8,0	10,5	9,8	9,8	10,5	9,8
Intake air - volume flow	kg/h	2.126	3.162	4.386	4.982	6.611	6.273	7.521	9.191
Exhaust gas mass flow	kg/h	2.319	3.421	4.533	5.152	6.831	7.157	7.774	9.514
Lube oil consumption	kg/h	0,04	0,06	0,08	0,16	0,24	0,28	0,24	0,37
Cogeneration data									
Exhaust temperature before heat exchanger	°C	402	404	426	414	415	382	410	383
Exhaust temperature after heat exchanger	°C	120	120	120	120	120	120	120	120
Heating water temperature flow / return	°C	90 / 70	90 / 70	90 / 70	90 / 70	90 / 70	90 / 70	90 / 70	90 / 70
Efficiency	electric	%	41,9	42,0	42,4	43,5	42,6	44,8	44,5
	thermal	%	42,4	43,5	43,4	44,4	41,9	40,5	40,8
	total	%	84,4	85,6	85,8	87,9	84,5	85,3	85,3
Sound									
Sound level engine	dB(A)	97	119,5	119,5	120	121	121	124,1	122
Sound level exhaust without silencer	dB(A)	120	133,7	131,9	121,5	132,1	132,1	111,8	134
Exhaust consistence									
NO _x	mg/Nm³	250	250	250	500	250	500	500	500
CO	mg/Nm³	300	300	300	300	300	300	300	300
HCHO	mg/Nm³	40	40	40	40	40	40	40	40
Dimensions standard container module									
Length	m	10,5	12,2	12,2	12,2	13,0	13,0	13,0	14,0
Width	m	3,0	3,0	3,0	3,2	3,2	3,2	3,2	3,2
Height	m	2,6	2,6	2,6	3,0	3,0	3,0	3,0	3,0
Price for standard scope of supply	€	on request	on request	on request	on request	on request	on request	on request	on request

Type		ETW 2020 EG	ETW 2300 EG	ETW 2540 EG	ETW 3330 EG	ETW 4500 EG	
Power mechanical	kW	2080	2364	2600	3411	4602	
Power electrical	kW	2028	2300	2539	3333	4500	
Power	thermal	2090	2180	2597	3046	4094	
	from cooling water	1203	1273	1477	1475	2335	
	from exhaust	887	907	1120	1571	1759	
	low temperature < 50°C	789	791	997	1410	1534	
Fuel consumption	kW	4672	5258	5781	7558	10157	
Natural gas with calorific value 10 kWh/Nm ³	m ³ /h	467,2	525,8	578,1	755,8	1015,7	
Engine manufacture		MTU	MWM	MTU	MWM	MWM	
Engine type		16V4000L64FNER	TCG3020V20	20V4000L64FNER	TCG2032V12	TCG2032BV16	
Position / number of cylinders		V16	V20	V20	V12	V16	
Displacement	cm ³	76.300	89.000	95.375	204.000	271.800	
Medium piston speed	m/s	10,5	9,8	10,5	10,7	10,7	
Intake air - volume flow	kg/h	10.326	12.171	12.494	17.131	23.941	
Exhaust gas mass flow	kg/h	10.360	12.582	12.919	17.708	24.734	
Lube oil consumption	kg/h	0,32	0,40	0,40	0,67	0,90	
Cogeneration data							
Exhaust temperature before heat exchanger	°C	421	384	423	444	385	
Exhaust temperature after heat exchanger	°C	120	120	120	120	120	
Heating water temperature flow / return	°C	90 / 70	90 / 70	90 / 70	90 / 70	90 / 70	
Efficiency	electric	%	43,4	43,7	43,9	44,1	44,3
	thermisch	%	44,7	41,5	44,9	40,3	40,3
	gesamt	%	88,1	85,2	88,8	84,4	84,6
Sound							
Sound level engine	dB(A)	124	121	123	125	132	
Sound level exhaust without silencer	dB(A)	111,8	135,56	117	137	137	
Exhaust consistence							
NOx	mg/Nm ³	500	250	500	500	500	
CO	mg/Nm ³	300	300	300	300	300	
HCHO	mg/Nm ³	40	40	40	40	40	
Dimensions standard container module							
Length	m	14,0	15,0	15,0	-	-	
Width	m	3,2	3,2	3,2	-	-	
Height	m	3,0	3,3	3,3	-	-	
Price for standard scope of supply	€	on request	on request	on request	on request	on request	

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