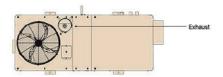
CP Series (Natural Gas) AIR COOLED DIESEL GENERATORS



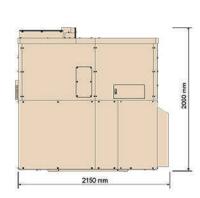
No.		Standard CP Models		
	Model	CP25WE-TNB	CP25WE-TPB	
Output	Rated output¹) [kW]	25.02		
	Frequency [Hz]	50		
	Voltage [V]	400 AC		
	Current (supplied to load per phase) [A]	35.4 AC		
	Phases / wires	3 phase / 4 wire		
	Power factor [%]	97 or more		
Heat recovery	Recovered heat [kW]	38.4	39.2	
	Hot water outlet temperature [C]	Maximu	m 85	
	Hot water flow rate [L/min]	110.0	113.0 3)	
Efficiency	Overall / generation / heat recovery [%]	85.0 / 33.3 / 51.5	86.0 / 33.5 / 52.5	
Input power supply	Supply voltage [V]	400 AC (200 AC inside CP unit)		
	Starting current [A]	46.0 (average)		
Power consumption	Fan OFF / fan ON / heater ON4 [kW]	0.93 / 1.35 / 0.75		
Fuel gas	Gas consumption LHV (gas type) [kW]	74.6 (natural gas)	74.6 (propane gas)	
	Supply pressure for fuel gas [kPA]	1.5 to 3.0	2.0 to 3.5	
Unit dimensions 6)	Width / depth / height [mm]	2150 / 800 / 2060 including exhaust		
Weight	Including lubricant and coolant [kg]	1320	0	
Sound pressure	Maximum at rated load with Fan OFF / ON 7 [dB(A)]	62.0 / 64.0		
Usage conditions	Ambient temperature [C]	-5 to +	-40	
	Relative humidity [%]	80 or less		
	Altitude [m]	2000 or less (down rating setting for over 300m)		
Gas engine	Engine type	Yanmar natural gas engine	Yanmar propane gas engine	
	Specified engine lubricant	Yanmar genui	ne GHP oil	
	Specified engine coolant	Yanmar genuine GHP coolant		
	Catalyzer	Oxidizatio	on type	
Generator	Туре	Compact and light weight permanent magnet generator		
Grid connection	Connection method	High efficiency inverter grid connection		
Output heat exchanger	Туре	Stainless steel with brazed plate construction		
Servicing	Interval	10,000 F	nours	
Operation	Operation modes	Flexible cogeneration with internal	radiator for power led operation	



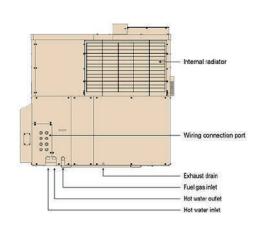
DIMENSIONS











NOTES:

- 1) Heat recovery and efficiency values given are for rated output in standard atmospheric conditions.
- 2) Power consumption is included.
- 3) Maximum flow rate is 116 L/min
- 4) Heater is for cold areas (ambient temperature 5C or less)
 5) Tolerance of +/- 5% is not included
- 6) OD unit dimensions excluding connectors and other protrusions
- 7) Maximum taken from measurements at 1.0m from unit at 1.2m above the ground in an anechoic room simulation For other regions model availability depends on local regulations. Specifications maybe subject to change without notice.



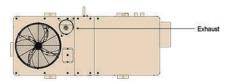
CP Series (Bio Gas) AIR COOLED DIESEL GENERATORS



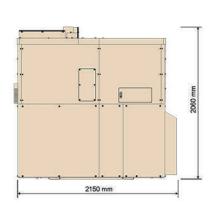
	Model	Bio gas CP Models			
	Model	CP25WE-TF	CP25WE-TM		
Output	Rated output ¹⁾ [kW]	25.0) ²⁾		
	Frequency [Hz]	50			
	Voltage [V]	400 AC			
	Current (supplied to load per phase) [A]	35.4 AC			
	Phases / wires	3 phase	/ 4 wire		
	Power factor [%]	97 or r	more		
Heat recovery	Recovered heat [kW]	40.6	38.7		
	Hot water outlet temperature [C]	Maximu	um 85		
	Hot water flow rate [L/min]	116	110.0 ③		
Efficiency	Overall / generation / heat recovery [%]	84.0 / 32.0 / 52.0	84.0 / 33.0 / 51.0		
Input power supply	Supply voltage [V]	400 AC (200 AC	inside CP unit)		
	Starting current [A]	46.0 (av	erage)		
Power consumption	Fan OFF / fan ON / heater ON4 [kW]	0.93 / 1.35 / 0.75			
Bio gas fuel	Density of methane [96]	60 to 70 80 to			
	Gas consumption LHV ⁵ [A]	78.1 75.8			
	Supply pressure for fuel gas [kPA]	1.5 to 2.5			
Unit dimensions 6	Width / depth / height [mm]	2150 / 800 / 2060 including exhaust			
Weight	Including lubricant and coolant [kg]	1320			
Sound pressure	Maximum at rated load with Fan OFF / ON গ [dB(A)]	62.0 / 64.0			
Usage conditions	Ambient temperature [C]	-5 to	+40		
	Relative humidity [%]	80 or	less		
	Altitude [m]	2000 or less (down rating setting for over 300m)			
Gas engine	Engine type	Yanmar bio gas engine	Yanmar bio gas engine		
	Specified engine lubricant	Yanmar genuine GHP oil			
	Specified engine coolant	Yanmar genuine GHP coolant			
Generator	Туре	Compact and light weight permanent magnet generator			
Grid connection	Connection method	High efficiency inverter grid connection			
Output heat exchanger	Туре	Stainless steel with brazed plate construction			
Servicing	Interval	6,000 8	hours		
Operation	Operation modes	Flexible cogeneration with internal	radiator for power led operation		



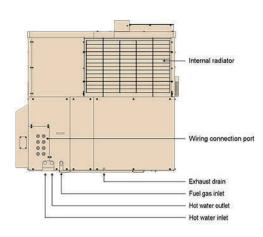
DIMENSIONS











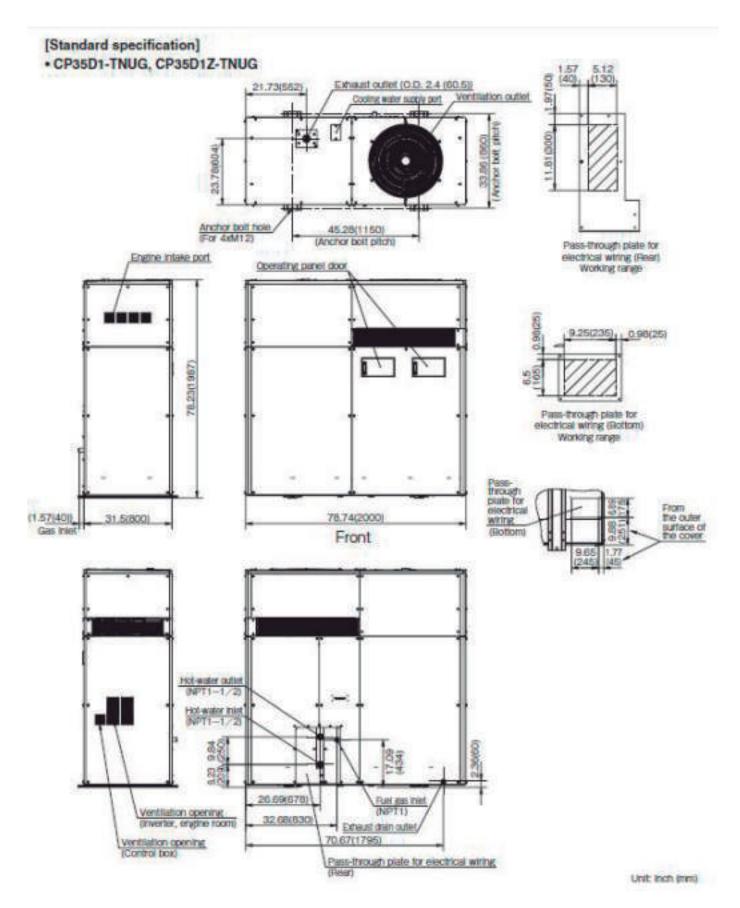
NOTES:

- 1) Heat recovery and efficiency values given are for rated output in standard atmospheric conditions.
- 2) Power consumption is included.
- 3) Maximum flow rate is 116 L/min
- 4) Heater is for cold areas (ambient temperature 5C or less)
 5) Tolerance of +/- 5% is not included
- 6) OD unit dimensions excluding connectors and other protrusions
- 7) Maximum taken from measurements at 1.0m from unit at 1.2m above the ground in an anechoic room simulation For other regions model availability depends on local regulations. Specifications maybe subject to change without notice.



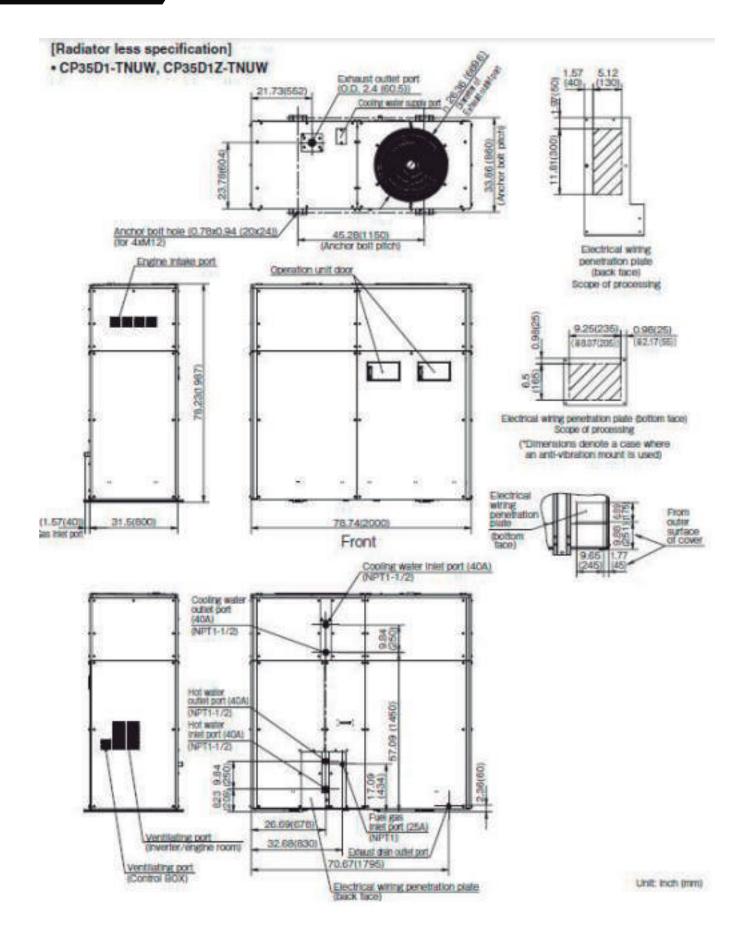
YANMAR 35 kW CHP System Specifications				CP35D1				
Model				CP35D1-TNUG	CP35D1Z-TNUG	CP35D1-TNUW	CP35D1Z-TNUW	
Configuration		-	Standard	Standard with Blackout Start	Radiator-Free	Radiator-Free with Blackout Start		
	Rated output		kW	35	35	35	35	
Power Output	Voltage, Frequency		V, Hz	208, 60	208, 60	208, 60	208, 60	
Power Output	Phase and Wire			3 phase, 3 wire	3 phase, 3 wire '3	3 phase, 3 wire	3 phase, 3 wire 3	
	Modulation			0.5 to 35 kW with optional CT/Transducer kit 11				
	Gas Type			Natural gas Natural gas Natural				
	_	Standard	in WC (kPa)	9.0 (2.25)	9.0 (2.25)	9.0 (2.25)	9.0 (2.25)	
	Pressure	Working Range	in WC (kPa)	8.0-10.0 (2.0-2.5)	8.0-10.0 (2.0-2.5)	8.0-10.0 (2.0-2.5)	8.0-10.0 (2.0-2.5)	
			BTU (kW)	367,487 (107.7)	367,487 (107.7)	367,487 (107.7)	367,487 (107.7)	
Fuel	Consumption (LHV)		THERMS/HR	3.67	3.67	3.67	3.67	
			BTU (kW)	407,114 (119.3)	407,114 (119.3)	407,114 (119.3)	407,114 (119.3)	
	Consumption (HHV)*	•	THERMS/HR	4.07	4.07	4.07	4.07	
	Conusmption (Input I	kW/kWe)	kW	3.08	3.08	3.08	3.08	
	Rated recovered hear	t	BTU/HR (kW)	204,040 (59.8)	204,040 (59.8)	204,040 (59.8)	204,040 (59.8)	
		INLET	°F (°C)	167 (75)	167 (75)	167 (75)	167 (75)	
Heat Output (Heat Recovery)	Rated Temp.	OUTLET	°F (°C)	176 (80) MAX 190.4 (88)	176 (80) MAX 190.4 (88)	176 (80) MAX 190.4 (88)	176 (80) MAX 190.4 (88)	
	Rated Hot water Flow	,	GPM (L/min)	46.5 (176)	46.5 (176)	46.5 (176)	46.5 (176)	
	Voltage, Frequency		V, Hz	208, 60	208, 60	208, 60	208, 60	
	Staring Current		A	46	46	46	46	
Input Power Supply	Rated power	Radiator fan stop	kW	0.72	0.75	NA	NA	
	consumption	Radiator fan run	kW	0.97	1.00	NA	NA	
	Overall efficiency (LHV)		%	88.0	88.0	88.0	88.0	
Gross Efficiency	Generating efficiency	(LHV)	%	32.5	32.5	32.5	32.5	
	Exhausst heat recove	ery rate (LHV)	%	55.5	55.5	55.5	55.5	
	Radiator fan stop			62	62	NA	NA.	
Operation Noise	Radiator fan run		dB(A)	64	64	NA	NA.	
	Width		in (mm)	78.7 (2000)	78.7 (2000)	78.7 (2000)	78.7 (2000)	
Dimensions	Depth		in (mm)	31.5 (800)	31.5 (800)	31.5 (800)	31.5 (800)	
Dimensions	Height		in (mm)	78.2 (1987)	78.2 (1987)	78.2 (1987)	78.2 (1987)	
	Weight		lbs (kg)	3,064 (1390)	3,284 (1430)	3,064 (1390)	3,284 (1430)	
Maintenance interval		hr	7500	7500	7500	7500		
Standard Warranty		-	2 Years; 15,000 Hours*	2 Years; 15,000 Hours*	2 Years; 15,000 Hours*	2 Years; 15,000 Hours*		
YES Product Protection		-	10 Years; 30,000 Hours*	10 Years; 30,000 Hours*	10 Years; 30,000 Hours*	10 Years; 30,000 Hours*		
		-	10 years; 60,000 Hours*	10 years; 60,000 Hours*	10 years; 60,000 Hours*	10 years; 60,000 Hours*		
Emissions & Certifications			EPA Certified UL2200 Certified CSAC22.2 No 140 Certified CSAC22.2 No 100 Certified UL1741/IEEE1547 Certified					





NOTE: Due to YANMAR's ongoing commitment to quality, specifications, ratings and dimensions subject to change without notice. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be in accordance with current specifications, ratings and dimensions and be performed by a qualified installer and servicing agency.





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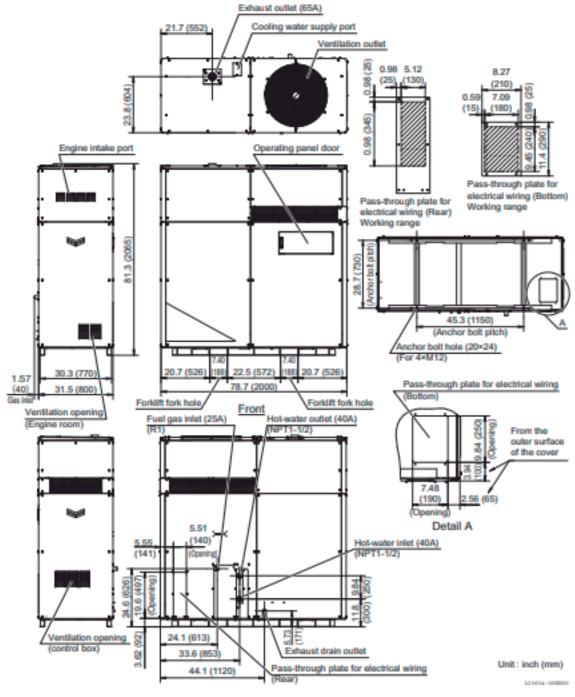
		ODEL		CP35D2-TNUG	CP35D2Z-TNUG
	IV.	UDEL	kW	35.0*2*3	35.0 *2 *3
	Rated Output		kVA	33.0	35.0*2*3
POWER	Voltage, Frequenc	·		AC.	00.0
OUTPUT	Phase & Wire	у	V , Hz	AC 208 , 60	
	Modulation		- %	3 phase , 3 wire	
	- Incomment		%	0.95 to 1.00	
	Gas Type		-	Natural	
	Pressure	Standard	in.WC (kPA)	8.	03 (2.0)
FUEL	riessure	Working Range	in.WC (kPA)	8.0 - 10	0.0 (2.0 - 2.5)
	Consumption (LHV)		kBTU/hr (kW)	367.6 (107.7)	
	Rated Recovered	Heat	kBTU/hr (kW)	204	1.1 (59.8)
HEAT OUTPUT	Rated Temp	Inlet	F (C)	167.0 (75.0)	
(HEAT RECOVERY)		Outlet	F (C)	176.0 (80.0)	
			. (0)	Max: 190.4 (88.0)	
	Rated Hot Water Flow		gal / min (L / min)	46.5 (176.0) when outlet temp 176F (80	
	Input Voltage		V	AC208	
INPUT POWER	Staring Current		Α	AC46 (Average Current)	
SUPPLY	Rated Power	Radiator Fan Stop	kW	0.50	
	Consumption	Radiator Fan Run	kW	1.00	
	Overall Efficiency	(LHV)	%	88.0	
GROSS	Generating Efficie	ncy (LHV)	%		32.5
EFFICIENCY "1	Exhaust Heat Recovery Rate (LHV)		%	55.5	
ODED ATION MOVES	Radiator Fan Stop	Radiator Fan Stop		63	
OPERATION NOISE	OPERATION NOISE Radiator Fan Run		dB(A)	65	
Width		in (mm)	78.74 (2000)		
	Depth		in (mm)	31.50 (800)	
DIMENSIONS				Including the width of the leg 35.43 (9	
DIMENSIONS	Height	Height		81.30 (2065)	
	Weight - Including	Cooling Water & Lubricant	lb (kg)	3064 (1390)	3086 (1400)
MAINTENANCE INTERVA	L		Hours		7500

^{*1:} Test Condition - Temperature 15degC, Humidity 30%, Altitude 0m, with fuel gas maximum heat value in EPA regulation.
*2: Includes electricity consumption.
*3: The output values depending on the installation conditions.



[Standard specification]

CP35D2-TNUG, CP35D2Z-TNUG

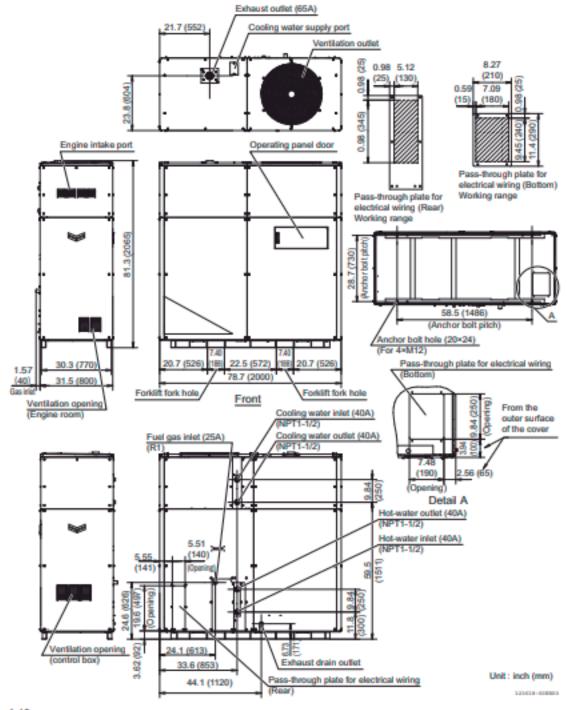


1-11



[Radiator less specification]

CP35D2-TNUW, CP35D2Z-TNUW







LIVING
Rated electrical output (1) [kWel]
Rated thermal output (2) [kWth]
Electrical output modulation [kWel]
Thermal output modulation [kWth]
fPe primary energy factor (3)
ErP energy efficiency label (4)
Maintenance interval [op. hrs]
Electrical efficiency ratio el [%]
Thermal efficiency ratio th [%]
Total efficiency ratio tot [%]
Permissible supply temperature max. [°C]
Permissible return temperature max. [°C]
Nominal voltage [V]
Frequency [Hz]
Cos f acc. to VDE-AR-N 4105 quadrant II, III
start-up current lk [A] approx.
Motor manufacturer
Number of cylinders
Displacement [I]
Method of operation: air ratio λ
Engine oil [I]
Alternator type
Speed [rpm]
Flue gas temperature (5) [°C]
Dimensions of module L x W x H [mm]
Weight, approx. [kg]

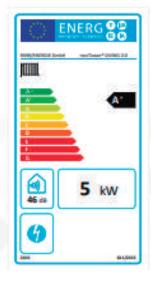
neoTower® 2.0	neoTower® 2.6	neoTower® 4.0
2	2,6	4,0
5,2	5.9	8,8
1,1 - 2,0	1,3 - 2,6	2,0 - 4,0
3,8 - 5,2	4,1 - 5,9	5,9 - 8,7
0,445	0,305	0,302
A+	A++	A++
15.000	15.000	10.000
	EFFICIENCIES	
27,8	31,3	31,7
72,3	71,7	69,3
100,1	103,0	101,0
	HEAT EXTRACTION	
75	75	75
25-65	25-65	25-65
ELEC	TRIC POWER GENERA	TION
400	400	400
50	50	50
0,95	0,95	0,95
26	26	39
	MOTOR	
YANMAR	YANMAR	YANMAR
3	3	3
0,7	0,7	0,7
1,6	1,6	1,6
17	17	17
	GENERATOR	
asynchronous	asynchronous	asynchronous
1.020	1.020	1.540
	FUMES	
50	50	50
D	IMENSIONS & WEIGHT	S
1.160x620x1.100	1.160x620x1.100	1.160x620x1.100
410	410	410



- Performance data in accordance with ISO 3046/I-2002, tolerance 5%
- 2) Thermal performance data tolerance 8%
- fpe current = 2.8 displacement ratio according to DIN V 18599,

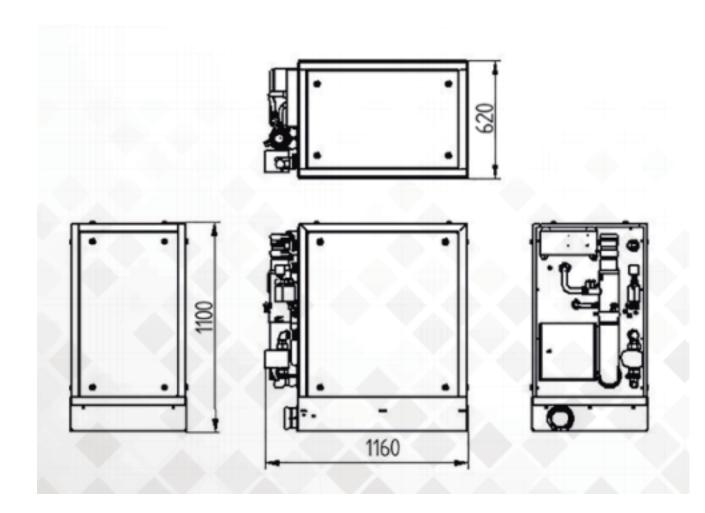
DIN V 4701-10, EnEV 2014 valid as of 01/01/2016

- 4) In accordance with EU Regulation 811/2013; 813/2013
- 5) At a return flow temperature of <=30°C













PREMIUM S
Rated electrical output (1) [kWel]
Rated thermal output (2) [kWth]
Electrical output modulation [kWel]
Thermal output modulation [kWth]
fPe primary energy factor (3)
ErP energy efficiency label (4)
Maintenance interval [op. hrs]
Electrical efficiency ratio el [%]
Thermal efficiency ratio th [%]
Total efficiency ratio tot [%]
Permissible supply temperature max. [°C]
Permissible return temperature max. [°C]
Nominal voltage [V]
Frequency [Hz]
Cos f acc. to VDE-AR-N 4105 quadrant II, III
start-up current lk [A] approx.
Motor manufacturer
Number of cylinders
Displacement [I]
Method of operation: air ratio λ
Engine oil [l]
Alternator type
Speed [rpm]
Flue gas temperature (5) [°C]
Dimensions of module L x W x H [mm]
Weight, approx. [kg]

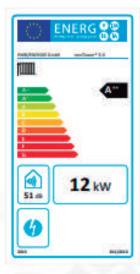
neoTower® 5.0	neoTower® 7.2		
5	7,2		
11,9	18,1		
2,9 - 5,0	3,9 - 7,2		
9,2 - 11,9	12,7 - 18,1		
0,283	0,290		
A++	A++		
10.000	10.000		
EFFIC	IENCIES		
31,6	31,2		
75,7	78,3		
107,3	109,5		
HEAT EX	TRACTION		
80	80		
25-65	25-65		
ELECTRIC POW	ER GENERATION		
400	400		
50	50		
0,95	0,95		
45	45		
MO	TOR		
Toyota Toyota			
3	3		
1 -	1		
1,6	1,0		
26	26		
GENERATOR			
asynchronous	asynchronous		
1.550	1.550		
FUMES			
72	87		
	S & WEIGHTS		
1.160x620x1.100	1.160x620x1.100		
490	490		

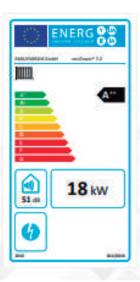


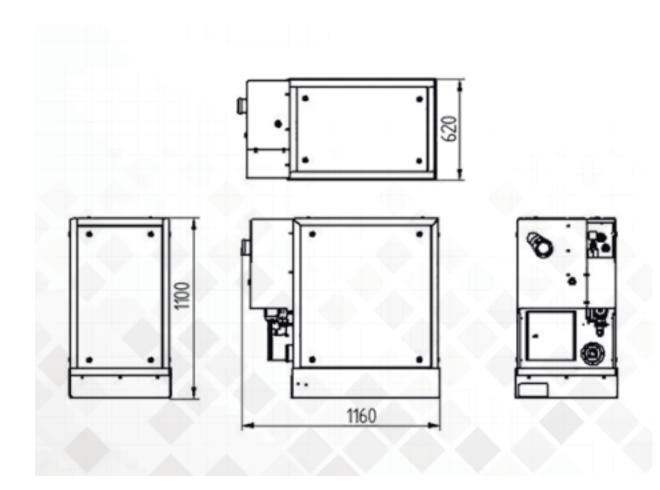
- Performance data in accordance with ISO 3046/I-2002, tolerance 5%
- 2) Thermal performance data tolerance 8%
- fpe current = 2.8 displacement ratio according to DIN V 18599,

DIN V 4701-10, EnEV 2014 valid as of 01/01/2016

- 4) In accordance with EU Regulation 811/2013; 813/2013
- 5) At a return flow temperature of <=30°C











PREMIUM S+
Rated electrical output (1) [kWel]
Rated thermal output (2) [kWth]
Electrical output modulation [kWel]
Thermal output modulation [kWth]
fPe primary energy factor (3)
ErP energy efficiency label (4)
Maintenance interval [op. hrs]
Electrical efficiency ratio el [%]
Thermal efficiency ratio th [%]
Total efficiency ratio tot [%]
Permissible supply temperature max. [°C]
Permissible return temperature max. [°C]
Nominal voltage [V]
Frequency [Hz]
Cos f acc. to VDE-AR-N 4105 quadrant II, III
start-up current lk [A] approx.
Motor manufacturer
Number of cylinders
Displacement [I]
Method of operation: air ratio λ
Engine oil [I]
Alternator type
Speed [rpm]
Flue gas temperature (5) [°C]
Dimensions of module L x W x H [mm]
Weight, approx. [kg]

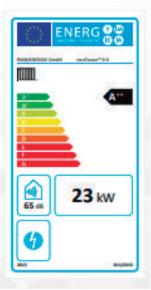
neoTower® 9.0
9
22,9
4,5 - 9,0
12,8 - 22,9
0,318
A++
8000
EFFICIENCIES
30,5
77,5
108
HEAT EXTRACTION
85
70
ELECTRIC POWER GENERATION
400
50
0,95
45
MOTOR
YANMAR
3
1,7
1
20
GENERATOR
asynchronous
1525
FUMES
87
DIMENSIONS & WEIGHTS
1480 x 686 x 1240
652

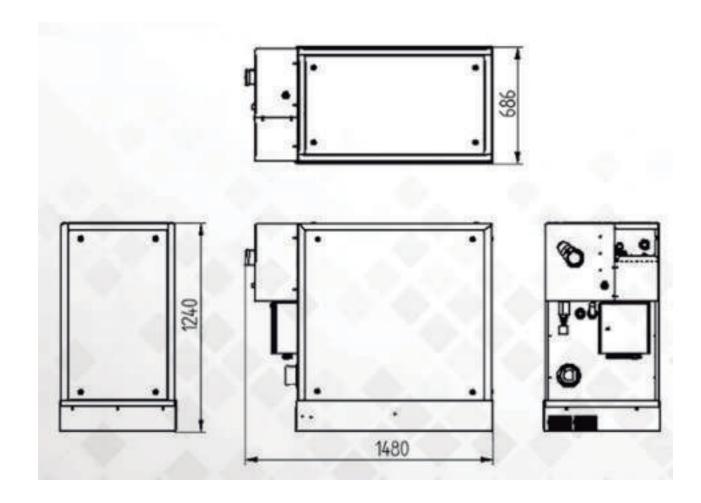


- Performance data in accordance with ISO 3046/I-2002, tolerance 5%
- 2) Thermal performance data tolerance 8%
- fpe current = 2.8 displacement ratio according to DIN V 18599,

DIN V 4701-10, EnEV 2014 valid as of 01/01/2016

- 4) In accordance with EU Regulation 811/2013; 813/2013
- 5) At a return flow temperature of <=30°C









PREMIUM M
Rated electrical output (1) [kWel]
Rated thermal output (2) [kWth]
Electrical output modulation [kWel]
Thermal output modulation [kWth]
fPe primary energy factor (3)
ErP energy efficiency label (4)
Maintenance interval [op. hrs]
Electrical efficiency ratio el [%]
Thermal efficiency ratio th [%]
Total efficiency ratio tot [%]
Permissible supply temperature max. [°C]
Permissible return temperature max. [°C]
Nominal voltage [V]
Frequency [Hz]
Cos f acc. to VDE-AR-N 4105 quadrant II, III
start-up current lk [A] approx.
Motor manufacturer
Number of cylinders
Displacement [I]
Method of operation: air ratio λ
Engine oil [I]
Alternator type
Speed [rpm]
Flue gas temperature (5) [°C]
Dimensions of module L x W x H [mm]
Weight, approx. [kg]

neoTower® 11.0	neoTower® 16.0	neoTower® 20.0	neoTower® 21.0
11	16	20	21
25,3	37,8	45,7	48,1
7,5 - 11,0	9,5 - 16,0	10,7 - 20,0	10,7 - 21,0
20,6 - 25,3	26,4 - 37,8	29,1 - 45,7	29,1 - 48,1
0,279	0,266	0,224	0,225
A++	A++	A++	A++
8.500	6.000	6.000	6.000
	EFFICIE	NCIES	
32,0	32,1	33,2	33,2
73,5	75,9	76,0	76,0
105,5	108,0	109,2	109,2
	HEAT EXT	RACTION	
80	80	80	80
25-65	25-65	25-65	25-65
	ELECTRIC POWE	R GENERATION	
400	400	400	400
50	50	50	50
0,95	0,95	0,95	0,95
59	59	59	59
	MO	ΓOR	
Toyota	Toyota	Toyota	Toyota
4	4	4	4
2,2	2,2	2,2	2,2
1,6	1,0	1,0	1,0
59	59	59	59
	GENER	RATOR	
asynchronous	asynchronous	asynchronous	asynchronous
1.540	1.540	1.540	1.530
	FUN	MES	
	89	95	95
87	09	30	30
87	DIMENSIONS		30
87 1.410x686x1.240		& WEIGHTS	1.410x686x1.240



- Performance data in accordance with ISO 3046/I-2002, tolerance 5%
- 2) Thermal performance data tolerance 8%
- fpe current = 2.8 displacement ratio according to DIN V 18599,

DtN V 4701-10, EnEV 2014 valid as of 01/01/2016

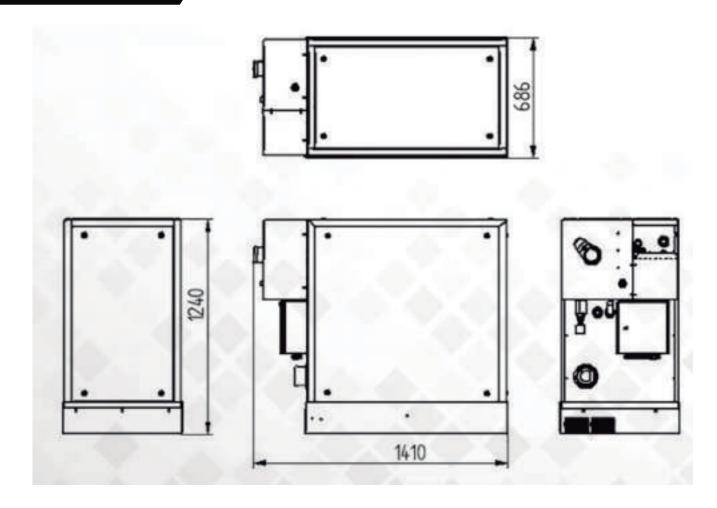
- 4) In accordance with EU Regulation 811/2013; 813/2013
- 5) At a return flow temperature of <= 30°C















PREMIUM M+				
Rated electrical output (1) [kWel]				
Rated thermal output (2) [kWth]				
Electrical output modulation [kWel]				
Thermal output modulation [kWth]				
fPe primary energy factor (3)				
ErP energy efficiency label (4)				
Maintenance interval [op. hrs]				
Electrical efficiency ratio el [%]				
Thermal efficiency ratio th [%]				
Total efficiency ratio tot [%]				
Permissible supply temperature max. [°C]				
Permissible return temperature max. [°C]				
Nominal voltage [V]				
Frequency [Hz]				
Cos f acc. to VDE-AR-N 4105 quadrant II, III				
start-up current lk [A] approx.				
Motor manufacturer				
Number of cylinders				
Displacement [I]				
Method of operation: air ratio λ				
Engine oil [l]				
Alternator type				
Speed [rpm]				
Flue gas temperature (5) [°C]				
Dimensions of module L x W x H [mm]				
Weight, approx. [kg]				

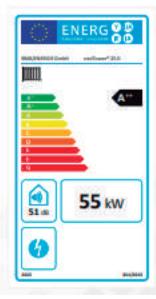
neoTower® 2	5.0 neoTower® 30.0				
25	30				
54,9	63,1				
12,5 - 25,0	15,0 - 30,0				
34,8 - 54,9	40,9 - 63,1				
0,266	0,229				
A++	A++				
8.000	8.000				
EFFICIENCIES					
32,5	33,5				
71,4	70,5				
103,9	104,0				
HEAT EXTRACTION					
80	80				
25-65	25-65				
ELECTRIC POWER GENERATION					
400	400				
50	50				
0,95	0,95				
59	59				
	MOTOR				
YANMAR	YANMAR				
4	4				
3,3	3,3				
1,0	1,0				
110	110				
GENERATOR					
asynchronou	s asynchronous				
1.530	1.530				
FUMES					
95	95				
DIMENSIONS & WEIGHTS					
1.640x760x1.4	1.640x760x1.410				
1.120	1.120				

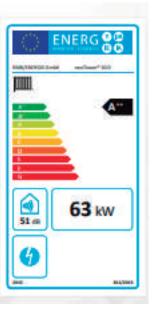


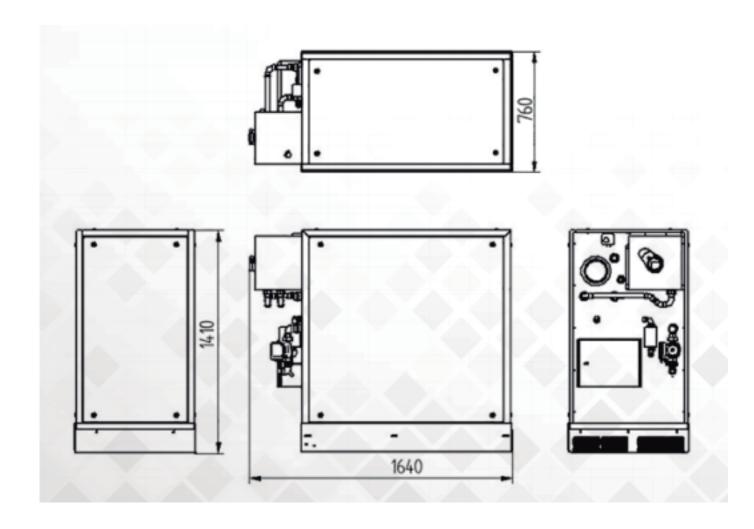
- Performance data in accordance with ISO 3046/I-2002, tolerance 5%
- 2) Thermal performance data tolerance 8%
- s) fpe current = 2.8 displacement ratio according to DIN V 18599,

DIN V 4701-10, EnEV 2014 valid as of 01/01/2016

- 4) In accordance with EU Regulation 811/2013; 813/2013
- 5) At a return flow temperature of <=30°C











	PREMIUM L
Ra	ted electrical output (1) [kWel]
Ra	ted thermal output (2) [kWth]
Ele	ctrical output modulation [kWel]
Th	ermal output modulation [kWth]
fΡε	e primary energy factor (3)
Ma	nintenance interval [op. hrs]
	ectrical efficiency ratio el [%]
	ermal efficiency ratio th [%]
To	tal efficiency ratio tot [%]
Pe	rmissible supply temperature max. [°C]
Pe	rmissible return temperature max. [°C]
No	minal voltage [V]
Fre	equency [Hz]
Co	s facc. to VDE-AR-N 4105 quadrant II, III
sta	rt-up current lk [A] approx.
Мо	otor manufacturer
Nu	mber of cylinders
Dis	splacement [l]
Me	ethod of operation: air ratio λ
En	gine oil [I]
Alt	ernator type
Sp	eed [rpm]
Flu	e gas temperature (5) [°C]
	mensions of module L x W x H [mm]
We	eight, approx. [kg]

neoTower® 50.0 default	neoTower® 50.0 high temperature	neoTower [®] 50.0 condensing			
50	50	50			
85	80	100			
25,0 - 50,0	25,0 - 50,0	25,0 - 50,0			
52,6 - 85,0	49,5 - 80,0	60,2 - 100,0			
0,203	0,216	0,172			
3.000	3.000	3.000			
	EFFICIENCIES				
35,0	35,0	35,0			
59,4	55,9	69,9			
94,4	90,9	104,9			
HEAT EXTRACTION					
80	93	80			
25-65	83	25-65			
ELE	CTRIC POWER GENERA	TION			
400	400	400			
50	50	50			
0,95	0,95	0,95			
no starti	no starting current: battery starting system				
	MOTOR				
MAN	MAN	MAN			
4	4	4			
4,6	4,6	4,6			
1,0	1,0	1,0			
180	180	180			
GENERATOR					
asynchronous	asynchronous	asynchronous			
1.500	1.500	1.500			
	FUMES				
95	100	85			
DIMENSIONS & WEIGHTS					
2.180x798x1.670	2.180x798x1.670	2.180x798x1.670			
1.650 - 1.860	1.650 - 1.860	1.650 - 1.860			



