

MEGA SILENT SERIES for the Entertainment World



Tecno **Gen**
POWER GENERATORS

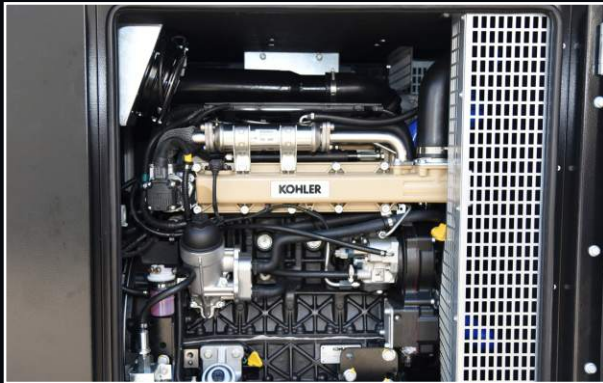
MEGA SILENT SERIES for the Entertainment World



Control panel, with Deep Sea Controller, laid out and labeled for easy use.



Camlocks are standard in addition to the lugs for easy color coded hookups when using distribution panels and boxes.



Each model is equipped with engines of worldwide reputation - Kohler, Perkins, Volvo and Cummins.



Heavy gage steel with powder coated paint.



Tripled sealed doors and 2" insulation throughout.



MEGA SILENT SERIES GENERATORS

perfect for the FILM INDUSTRY, CONCERTS, OUTDOOR EVENTS & MORE!



Courtesy outlets available in all phases at proper voltage.



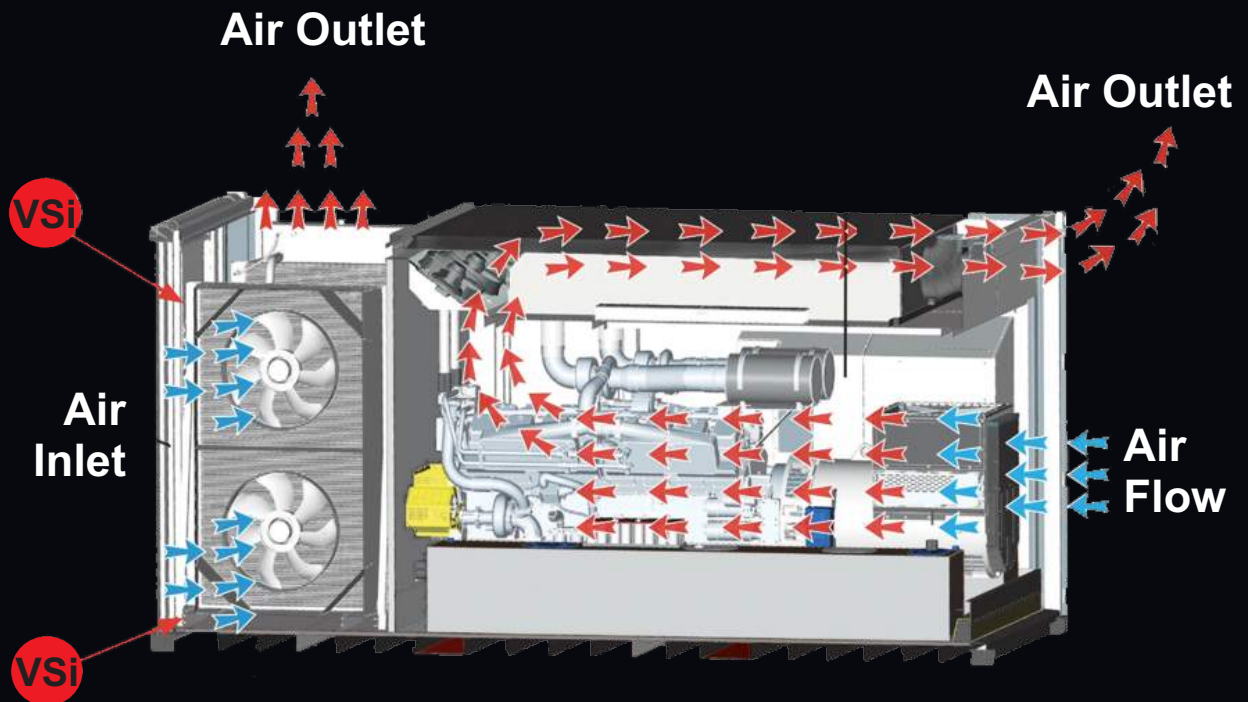
Integrated lifting eye.



VSi TECHNOLOGY - standard

The new FQ series generators by TecnoGen incorporate their Patented VSi technology. VSi (Variable Speed inverter) technology uses variable speed electric fans to manage the cooling for the generator instead of standard engine driven fans, which steal power from the engine and are your main source of excessive noise.

The specially designed FQ canopies and containers are designed to meet max operating temperature of 130° F at continuous load. By using the VSi technology to adjust the fans to only cool as necessary to maintain proper temperature, TecnoGen creates one of the most efficient generators on the market, not to mention the quietest!



Integrated fork pockets.

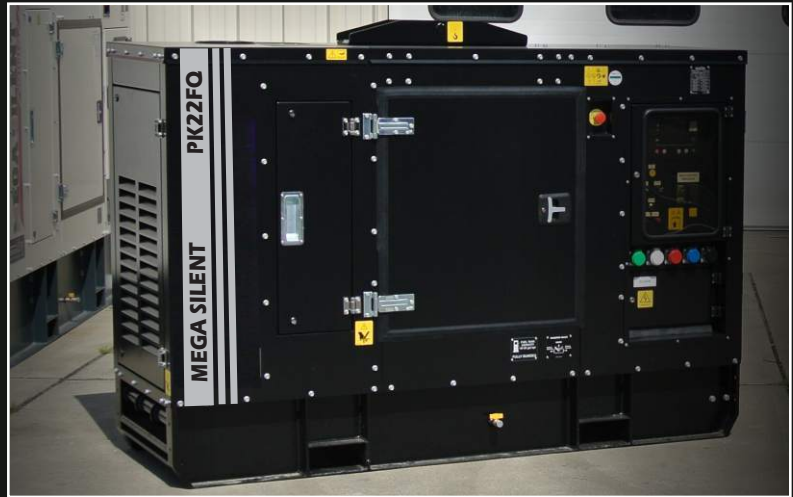


External fuel hook-ups are standard allowing for quick connection to additional fuel cells.

TecnoGen designed the FQ Series paying specific attention to low noise level, innovative VSi cooling system and low fuel consumption.

The FG series special canopy and container models are both engineered to meet max temperature ratings of 131 degrees at continuous load and are managed by a Deep Sea controller and multiple variable speed fans (Patented VSi technology). The airflow and cooling are adjusted according to the load and temperature, not just engine speed allowing for the quietest generators on the market today!

With models ranging from 18 kW - 1000 kW, the FQ series has got you covered for any concert, film or outdoor event. All models are available in skid or trailer mounted versions.



Mega Silent PK22FQ - 183 AMPS, 53 dBA, 18 kW Prime



Mega Silent KL45FQ - 375 AMPS, 55 dBA, 36 kW Prime



Mega Silent VO220FQ - 1800 AMPS, 58 dBA, 175 kW Prime



Mega Silent Series Specifications

MODEL	PK22FQ	KL35FQ	KL45FQ	FP70FQ	VO113FQ	VO145FQ	VO205FQ	VO220FQ	CU350FQ	VO400FQ	VOS80FQ	CU1250FQ
SERIES	FQ	FQ	FQ	FQ	FQ	FQ	FQ	FQ	FQ	FQ	FQ	FQ
GENERATOR SPECS												
PRIME (kW)	18.0	28.0	36.0	56.0	90.0	115.0	164.0	175.0	280.0	318.0	466.0	1,000.0
STANDBY (kW)	20.0	30.0	40.0	61.5	99.0	126.0	180.0	194.0	308.0	350.0	513.0	1,100.0
RPM	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
VOLTAGE 1PH	240/120V	240/120V	240/120V	240/120V	240/120V	240/120V	240/120V	240/120V				
VOLTAGE 3PH	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V	480/277V 208/120V
FREQUENCY (Hz)	60	60	60	60	60	60	60	60	60	60	60	60
CONTROLLER BRAND	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea	DS Parallel
CONTROLLER MODEL	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE7310	DSE8610
ALTERNATOR MAKE	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer
ALTERNATOR MODEL	LSA 40M5	LSA 42.3VS3	LSA 42.3M7	LSA 44.3S2	LSA 44.3M6	LSA 44.3M8	LSA 46.2M3	LSA 46.2M5	LSA 46.2 VL12	LSA 47.2VS2	LSA 47.2M7	LSA 50.2M6
SYSTEM VOLTAGE	12V	12V	12V	24V	24V	24V	24V	24V	24V	24V	24V	24V
SOUND LEVEL @ 23 FEET	53	54	55	55	55	57	58	58	58	62	62	62
AMPS												
SINGLE PHASE 120V zz	66 X 2 zz	100 X 2 zz	140 X 2 zz	192 X 2 zz	316 X 2 zz	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SINGLE PHASE 240V	66	100	140	192	316	N/A	N/A	N/A	N/A	N/A	N/A	N/A
THREE PHASE 208V	61	97	125	194	314	402	570	607	970	1103	1617	3470
THREE PHASE 240V	53	84	108	168	272	349	480	526	842	956	1400	3007
THREE PHASE 480V	53	42	54	84	136	174	247	263	421	478	700	1503
ENGINE SPECS												
MAKE	Perkins	Kohler	Kohler	FPT	Volvo	Volvo	Volvo	Volvo	Cummins	Volvo	Volvo	Cummins
MODEL	404D-22G	KDI1903TCR	KDI2504TCR	NEF45SM2X	TAD551GE	TAD750GE	TAD752GE	TAD753GE	QSL9G7	TAD1352GE	TAD1651GE	QST30G5
EPA LEVEL	Tier 4	Tier 4	Tier 4	Tier 3 Flex	Tier 3 Flex	Tier 3 Flex	Tier 3 Flex	Tier 3 Flex	Tier 3 Flex	Tier 3 Flex	Tier 2	Tier 2
No. Cylinders	4	3	4	4	4	6	6	6	6	6	6	12
HP	32.1	49	74	90	135	173	242	321	419	511	743	1350
EXTERNAL FUEL VALVE	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
FUEL CONTAINMENT	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%
FUEL CONSUMPTION												
FUEL CAPACITY (Gallons)	40	63	63	132	132	185	185	301	291	528	528	528
100%	1.5g/h	2g/h	2.7g/h	5.1g/h	7.8g/h	8.7g/h	10.6g/h	11.5g/h	20g/h	21g/h	27.5g/h	61g/h
RUN TIME @ 100%	26hrs	31hrs	23hrs	25hrs	17hrs	21hrs	17hrs	26hrs	15hrs	25hrs	19hrs	8hrs
WEIGHTS AND DIMENSIONS												
SKID W/O TRAILER												
WEIGHT wet (lbs.)	2850	3534	3644	4696	5622	7275	7716	8002	9832	18077	19268	29762
LENGTH (in.)	84	90	90	104	104	136	136	155	155	197	197	20' HC container
WIDTH (in.)	30	37	37	43	43	43	43	44	44	83	83	
HEIGHT (in.)	60	60	60	71	71	86	218	90	90	95	95	



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Specifications are subject to change without notice. FTG is not responsible for typographical errors.