

AGW Series

Industrial Two Stage — Gasoline 20, 30-Gallon and Base-Mount

The AGW Series combines an air compressor, generator, and welder into one setup, making it easy to manage multiple tasks efficiently.



AGW-SM14-30M

COMPRESSOR PUMP

- Cast iron compressor pump
- Splash lubricated
- Stainless-steel braided discharge hose
- Large canister intake filter
- Oil level sight indicator

GENERATOR

- Brush-type 2 pole 120V/240V alternator
- Total harmonic distortion (THD) less than 6%
- 100% copper windings

WELDER

- Amperage selection switch, 170A or 220A maximum

FRAME

- Powder coated ASME receiver tank (Not available on base-mount models)
- Powder coated two-piece belt guard (Four-piece belt guard on AGW-SH22-20M)
- Removable base plate offers flexible installation (20 and 30-gallon models)

COMPONENTS

- Regulator and two gauges for tank and outlet pressure
- Manual drain valve for proper maintenance
- 16½-inch fly wheel

LIMITED WARRANTY

- 3 year engine

CERTIFICATION

- ASME Boiler and Pressure Vessel Code – UM (20 and 30-gallon models)

MODEL NUMBER	AGW-SH22-20M	AGW-SM14-30M AGW-SM14-B [#]	AGW-SV14-30M AGW-SV14-B [#]
ENGINE			
DISPLACEMENT/ENGINE	688cc Honda GX690 OHV ⁺ with electric start – battery cables included, battery not included	420cc Mi-T-M OHV	408cc Vanguard OHV ⁺ with electric start – battery and battery cables not included
RATED SPEED	3600 RPM	3600 RPM	3600 RPM
COMPRESSOR			
CFM @ 90 PSI	30.5 @ 90 PSI / 29.0 @ 175 PSI*	16.4 @ 90 PSI / 15.7 @ 175 PSI*	16.4 @ 90 PSI / 15.7 @ 175 PSI*
TANK SIZE	20-gallon	30-gallon / Base-mount	30-gallon / Base-mount
GENERATOR			
MAXIMUM AC OUTPUT	5000 watts	5000 watts	5000 watts
RATED AC OUTPUT	4500 watts	4500 watts	4500 watts
ALTERNATOR WATTAGE CONT. ON-LOAD	4500 watts @ 90 PSI / 4500 watts @ 175 PSI	3000 watts @ 90 PSI / 2500 watts @ 175 PSI	3000 watts @ 90 PSI / 2500 watts @ 175 PSI
FREQUENCY/VOLTAGE	60Hz / 120V/240V	60Hz / 120V/240V	60Hz / 120V/240V
MAX. AMPS (120V/240V)	41.5/20.8	41.5/20.8 off-load	41.5/20.8 off-load
CONT. AMPS (120V/240V)	37.5/18.8	37.5/18.8 off-load	37.5/18.8 off-load
RECEPTACLES	(2) 120V, 20A GFCI duplex; (1) 120V/240V, 20A twist lock	(2) 120V, 20A GFCI duplex; (1) 120V/240V, 20A twist lock	(2) 120V, 20A GFCI duplex; (1) 120V/240V, 20A twist lock
WELDER			
DUTY CYCLE (10 MIN. RUN TIME)	220A @ 40%, 190A @ 60%, 150A @ 100%	150A @ 100%	150A @ 100%
DC VOLTAGE	50-220A working range	50-170A working range	50-170A working range
MISCELLANEOUS			
FUEL TANK	10-gallon	1.85-gallon	1.53-gallon
DIMENSIONS (LxWxH)	47x24x50in.	46x22x47in. / 49x22x28.5in.	46x22x47in. / 49x22x28.5in.
SHIP WT.	870 lb.	650 lb. / 449 lb.	670 lb. / 469 lb.
NET WT.	803 lb.	585 lb. / 384 lb.	605 lb. / 404 lb.

Note: All gasoline models sold in California are required to have a CARB compliant engine. Consult factory.

*49 state engine. Not for sale in California. ⁺Equipped with 150-PSI maximum rated regulator. [#]Receiver tank required.

AGW Series 20, 30-Gallon and Base-Mount

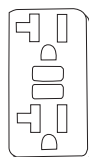
Air Compressor/Generator/Welders – Industrial Two Stage – Gasoline

ACCESSORIES:

PART NUMBER	DESCRIPTION	FITS MODELS
70-0358	Engine oil drain extension – 14-inch flexible drain hose makes oil changes clean and easy	Mi-T-M & Vanguard engine models
AW-6000-1002	Equipment cover – Keeps your equipment clean, dry and looking like new	Mi-T-M & Vanguard engine models
AW-6000-1003	Equipment cover – Keeps your equipment clean, dry and looking like new	AGW-SH22-20M

OPTIONS: *Options must be ordered with unit and cannot be added later.*

PART NUMBER	DESCRIPTION	FITS MODELS
AX-0016	Battery, battery tray, box and 2-foot of cables – Attaches to engine side of unit	Mi-T-M & Vanguard engine models
AX-0070	Battery tray, box and 2-foot of cables – Attaches to engine side of unit	Mi-T-M & Vanguard engine models
AX-0097	Remote start/choke, sealed cable – 7-foot wire extension for key switch	AGW-SM14-30M
AX-0098	Remote start/choke, sealed cable – 7-foot wire extension for key switch	AGW-SV14-30M
AX-0099	Remote start/choke, sealed cable – 7-foot wire extension for key switch	AGW-SM14-B
AX-0100	Remote start/choke, sealed cable – 7-foot wire extension for key switch	AGW-SV14-B
IX-0001	Vibration isolator pads – Isolators protect the unit from vibration during use. Recommended for models mounted in service truck applications	AGW-SH22-20M, AGW-SM14-30M & AGW-SV14-30M



GFCI 5-20R



NEMA L14-20R
120V/240V

AGW SERIES OPERATION

GENERATOR MODE

- AC current only
- Selector switch set to idle down
- Switch is set to full throttle

WELDER MODE

- DC current only
- Engine must be running full throttle
- Selector switch must be set to full throttle



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.