



AGW-SV14-30M

AGW Series

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

This AGW Series combines an air compressor, generator and welder into one machine, making it the complete on-site unit to efficiently tackle numerous jobs at once.



GFCI 5-20R

NEMA L14-20R
120V/240V

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)

Components

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

Limited Warranties

- 2 year alternator
- 2 year pump exchange (see page 87)
- 3 year Honda, Mi-T-M and Vanguard engines

Certification

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

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





AGW-SM14-B

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 with electric start – battery and battery cables not included	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	16.4	16.4
CFM @ 175 PSI*	29.0	15.7	15.7
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 @ 90 PSI	4500 watts	3000 watts	3000 watts
CONT. ON-LOAD @ 175 PSI	4500 watts	2500 watts	2500 watts
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.

*All models sold in California are required to have the AX-0080 CARB compliant fuel tank.

*Equipped with 150-PSI maximum rated regulator.

ACCESSORIES AND OPTIONS:

PART NUMBER	DESCRIPTION	FITS MODELS
70-0358	Engine oil drain extension	Mi-T-M & Vanguard engine models
AW-6000-1002	Equipment cover	Mi-T-M & Vanguard engine models
AW-6000-1003	Equipment cover	AGW-SH22-20M
AX-0016	Battery, battery tray, box and 2-foot of cables	Mi-T-M & Vanguard engine models
AX-0070	Battery tray, box and 2-foot of cables	Mi-T-M & Vanguard engine models
AX-0080	California compliant fuel tank – Replaces the EPA plastic fuel tank with a CARB approved tank; required for California models	AGW-SH22-20M
IX-0001	Vibration isolator pads – Recommended for models mounted in service truck applications	AGW-SH22-20M, AGW-SM14-30M & AGW-SV14-30M
IX-0067	Remote start/choke, sealed cable	AGW-SM14-30M & AGW-SM14-B