

# AGW Series

Two Stage Gasoline  
20-Gallon, 30-Gallon  
or Base-Mount

## 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

## Features

### 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 coded receiver tanks (not available on AGW-SR14-B)
- 16-gauge powder coated belt guard (14-gauge on AGW-SH22-20M)

### Components:

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

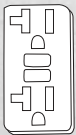
### Limited Warranties:

- 2 year alternator
- 2 year pump exchange (see page 65 for information)
- 3 year Honda engine
- 5 year Subaru engine

### Certifications:

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

The AGW Series is designed for the contractor who needs power and welding capabilities. With Mi-T-M's flexible installation, the AGW Series can be mounted on the back of a service truck, work trailer or in your shop to operate air tools, power lights or weld.



GFCI 5-20R



NEMA L14-20R  
120V/240V

To see more online, scan here  
or go to [www.mitm.com](http://www.mitm.com)



AGW-SH22-20M



AGW-SR14-B

MODEL NO.	AGW-SH22-20M	AGW-SR14-30M	AGW-SR14-B
<b>ENGINE</b>			
DISPLACEMENT/ENGINE	688cc Honda OHV with electric start - battery cables included; battery not included	404cc Subaru OHC with electric start - battery and battery cables not included	404cc Subaru OHC with electric start - battery and battery cables not included
RATED SPEED	3600 RPM	3600 RPM	3600 RPM
<b>COMPRESSOR</b>			
CFM @ 90 PSI	30.5	16.4	16.4
CFM @ 175 PSI*	29.0	15.7	15.7
COMPRESSOR	Two stage, cast iron	Two stage, cast iron	Two stage, cast iron
TANK SIZE	20-gallon receiver tank	30-gallon receiver tank	Not applicable – base-mount model
<b>GENERATOR</b>			
MAX. 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	41.7/20.8 off-load	41.7/20.8 off-load
CONT. AMPS (120V/240V)	37.5/18.8	35.7/18.7 off-load	35.7/18.7 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
<b>WELDER</b>			
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
<b>MISCELLANEOUS</b>			
FUEL TANK	10-gallon	1.85-gallon	1.85-gallon
DIMENSIONS (LxWxH)	47x24x50in.	46x22x47in.	49x22x28.5in.
SHIP WT.	870 lb.	650 lb.	449 lb.
NET WT.	803 lb.	585 lb.	384 lb.

\*Equipped with 150-PSI maximum rated regulator.

**Accessories & Options:**

PART NUMBER	DESCRIPTION	FITS MODELS	PART NUMBER	DESCRIPTION	FITS MODELS
70-0358	Engine oil drain extension	Subaru models	AX-0070	Battery tray, box and 2-ft. of cables included	Subaru models
AW-6000-1002	Equipment cover	Subaru models	IX-0001	Vibration pads - recommended for models that are mounted in service truck applications	AGW-SH22-20M & AGW-SR14-30M
AW-6000-1003	Equipment cover	AGW-SH22-20M			