

# G120 – G190 Mobile Environmental Generators



## Power of Reliability

Ingersoll-Rand mobile environmental generators are your assurance of power when and where you need it. You'll appreciate the quiet performance, long life, and overall reliability of these rugged generators, which cover a wide range of needs in a variety of applications.

Our mobile environmental generators are engineered for reliable performance. They are designed to be compact and quiet, while powering a full load in extreme temperature conditions.

The fluid containment system offers double-wall protection, keeps fluids from creating environmental hazards, and provides 24-hour minimum run times. These generators also feature AREP technology for best-in-class motor starting capability.

# G120 – G190 Mobile Environmental Generators

## Specifications

MODEL	G120	G145	G190
CPN	36077063	36077071	36077089
<b>GENERATOR</b>			
Prime Output — kW @ 480 V (kVA)	96 (120)	116 (145)	154 (193)
Standby Output — kW @ 480 V (kVA)	106 (132)	128 (160)	170 (212)
Frequency (Hz)	60	60	60
Available Voltages, 1-Phase		110, 127, 139, 240, 254, 277 V Switchable	
Available Voltages, 3-Phase		208, 220, 240, 415, 440, 480 V Switchable	
Automatic Voltage Regulation (% steady state)	+ / - 0.5	+ / - 0.5	+ / - 0.5
Motor Starting Capability (skVA @ 35% voltage dip)	330	330	420
Insulation	Class H	Class H	Class H
Alternator Make	Leroy Somer	Leroy Somer	Leroy Somer
Alternator Type		Auxiliary Regulation Excitation Principle (AREP)	
Control Panel Type	Intellisys	Intellisys	Intellisys
Receptacles with Individual Circuit Breakers	Std	Std	Std
Sound Level (dBA) @ 7 m, Full Load	69	70	71
<b>ENGINE</b>			
HP @ Rated Speed hp (kW)	139 (102)	169 (124)	221 (163)
Full Load Speed (rpm)	1,800	1,800	1,800
Speed Regulation (% no-load to full-load)	+ / - 0.5	+ / - 0.5	+ / - 0.5
Fuel Tank Capacity gal (L)	133 (503)	229 (867)	229 (867)
Fuel Consumption 100% Load gph (L/h)	6.10 (23.09)	8.42 (31.87)	10.90 (41.26)
Fuel Consumption 75% Load gph (L/h)	4.67 (17.68)	6.39 (24.19)	8.29 (31.38)
Fuel Consumption 50% Load gph (L/h)	3.62 (13.70)	4.36 (16.50)	5.68 (21.50)
Fuel	Diesel	Diesel	Diesel
Make	John Deere	John Deere	John Deere
Model	4045HF275	4045HF475	6068HF275-187
<b>AMPS</b>			
480 V 3-phase (amps)	144	175	232
240 V 3-phase (amps)	289	350	464
208 V 3-phase (amps)	328	361	500
240 V 1-phase (amps)	325	325	438
120 V 1-phase (amps)	2 x 325	2 x 325	2 x 438
<b>DIMENSIONS &amp; WEIGHT (SKID-MOUNTED)</b>			
Length x Width x Height in (mm)	102 x 45 x 70 (2591 x 1143 x 1778)	140 x 47 x 80 (3556 x 1194 x 2032)	140 x 47 x 80 (3556 x 1194 x 2032)
Weight Wet / Dry lb (kg)	5,632 (2555) 4,518 (2049)	7,389 (3352) 5,442 (2468)	7,852 (3562) 5,905 (2679)
<b>DIMENSIONS &amp; WEIGHT (TRAILER-MOUNTED)</b>			
Length x Width x Height in (mm)	160 x 71 x 85 (4064 x 1803 x 2159)	195 x 70 x 95 (4953 x 1778 x 2413)	195 x 70 x 95 (4953 x 1778 x 2413)
Weight Wet / Dry lb (kg)	6,350 (2880) 5,237 (2375)	8,330 (3778) 6,383 (2895)	8,794 (3989) 6,847 (3106)
<b>OPTIONS / ACCESSORIES</b>			
Trailer System	•	•	•
Electric Brakes	•	•	•
Hydraulic Brakes	•	•	•
3-Way Fuel Valve	•	•	•
Electronic Governor	Std	Std	Std
Automatic Start / Stop Package	•	•	•
Cold Start System	•	•	•
Oil Drain Pump	•	•	•
2-5/16" Diameter Ball Hitch	•	•	•

Product improvement is a continuing goal at Ingersoll-Rand. Designs and specifications are subject to change without notice or obligation.

### KEY FEATURES

- Fluid containment system ensures all fluids are isolated from the surrounding environment.
- AREP alternator delivers maximum capability in a compact package, so you can start bigger motors at less cost.
- Intellisys™ control system is easy to use, yet allows for a high degree of customization for more specialized applications.
- The mobile trailer system with independent drawbar, fenders, and axles are optimized for versatility and ruggedness.
- Units are optimized for size and sound and deliver a full load in extreme temperature conditions.



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