



**60 HZ**  
**READY FOR THE STATES**



Innovation in heat and power

**energiewerkstatt™**



# WHEN PERFORMANCE COUNTS

## *Energiewerkstatt™ ASV cogeneration units*

### **ENERGIEWERKSTATT™:**

Since 1987 Energiewerkstatt™ produces and develops innovative cogeneration units in Hanover - Germany. With ASV-CHP from Energiewerkstatt™ you are profiting since decades of recognized benchmark and innovative technology for decentralized energy supply based on the principle of cogeneration.

### **APPLICATIONS:**

High-efficiency ASV CHP are applicable wherever heat and electricity are required and have to be generated economically. Examples of usage are hotels, swimming pools, retirement homes, industrial companies, public buildings and municipal facilities, rental properties or residential complexes, etc.



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**ENERGIEWERKSTATT™ ASV 21 – 60HZ**

<b>Engine</b>	Volkswagen gas-industrial engine 122 CID, 4-cylinder
<b>Fuel</b>	natural gas, liquid gas
<b>Generator</b>	asynchronous, liquid-cooled, 4-pin, 3 Phase AC 460 V, 40 A, 60 Hz
<b>Gas intake</b>	71 kW (HHV)
<b>Electr. Power</b>	5 – 21 kW
<b>Therm. Power</b>	19 – 46 kW
<b>Electrical / overall efficiency</b>	33 / 105 percent
<b>Sound level</b>	< 55 dB (A)
<b>Dimensions (L x W x H)</b>	47.2 x 31.5 x 59.8 inch, footprint only 11 sq ft
<b>Weight</b>	1,268 lbs
<b>Temperature return flow</b>	operating temperature up to 149 °F (max. 158 °F)
<b>Temperature flow line</b>	operating temperature up to 203 °F

All values are in accordance with DIN 6271 and DIN 6280 at a heating water return temperature of 95 °F and full utilization of the condensing effect, optional equipment features, as well as natural gas and are based on the calorific value LHV = 9.03 kWh/m<sub>n</sub><sup>3</sup>, and an intake of 77 °F at a height of 165 ft above sea level (14.69 psi). In other gas quality and other temperatures or heights may vary. The tolerances of the performance specifications are ± 5 %. As of 2016/04. Specifications and information are subject to change without notice. For errors no liability.  
For a complete overview of the technical data visit [www.energiewerkstatt.de/en](http://www.energiewerkstatt.de/en)