

**M99****EUB Data: Noise & Emissions | 99 HP****STANDARD PACKAGE SPECIFICATIONS**

Engine Make & Model	Cummins G8.3
Engine Speed	1800 rpm
Engine HP @ 2500 Ft Altitude	93 bhp
NO <sub>x</sub> Emissions	19.1 grams/hp-hr = 1776 grams/hr @ full load
CO <sub>2</sub> Emissions	459 grams/hp-hr = 42,687 grams/hr @ full load
Fuel Gas Consumption	19 mscf/day

**SILENCER DATA**

Silencer Make & Model	Excel Model EXHD-3.5
Silencer Grade	Hospital
dBa Attenuation	38-42 dBa

**SOUND DATA**

Distance From Unit	dBa
50 m	62
100 m	56
200 m	48
300 m	43
400 m	38
500 m	34
600 m	31
800 m	27
1000 m	23

*Note: These are predicted sound pressure levels based on open field test. Actual sound pressure level may vary depending on site and installation conditions.*

**M99****EUB Data: Noise & Emissions | 99 HP****Y SoundRanger™**  
NOISE REDUCTION SYSTEM**ENGINE DATA**

Engine Make & Model	Cummins G8.3
Engine Speed	1800 rpm
Engine HP @ 2500 Ft Altitude	93 bhp
NO <sub>x</sub> Emissions	19.1 grams/hp-hr = 1776 grams/hr @ full load
CO <sub>2</sub> Emissions	459 grams/hp-hr = 42,687 grams/hr @ full load
Fuel Gas Consumption	19 mscf/day

**SILENCER DATA**

Silencer Make & Model	Noise Solutions Zeron Model 1000
Silencer Grade	Super Hospital Plus
dBa Attenuation	35 – 55 dBa

**SOUND DATA**

Distance From Unit	dBa
50 m	51
100 m	45
200 m	37
300 m	32
400 m	28
500 m	25
600 m	21
800 m	19
1000 m	13

*Note: These are predicted sound pressure levels based on open field test. Actual sound pressure level may vary depending on site and installation conditions.*