

SCORPION

POWER SYSTEMS



PT70 Series

Combined Heat & Power Units



Scorpion Power Systems

Shenton House
Walworth Road
Walworth Business Park
Andover, UK. SP10 5AZ

freephone 0800 018 24 54

t 01264 349 400

f 01264 349 411

e info@scorpionpower.com

w www.scorpionpower.com

PTSeries Combined Heat & Power Units

PT75GNO/5 Natural Gas Version (Outdoor)

Indoor versions are available, as is LPG fuel version.

Powertherm PT75GNO/5 High Performance

Electrical Output	75 kW @ 0.8 pf
Heat Output	140kW
Total Efficiency	845%
Heat Recovery Rate (at Lowest Heat \	1.86 kWh (6,350/kWh) per kWh of electricity produ
Required Fuel Pressure	0.017-0.066bar (0.250-0.95psig)
Fuel Consumption	254 kWhrs
Standard Recovery Temperature	85°C
Normal Coolant Flow	264 l / m
Generator Type	Synchronous
Speed	1500 rpm
Output Voltage	415 V AC Standard
Exhaust Flow	784 lbs / hr
Exhaust Temperature	127°C
Noise Level	60db(A) @ 7 m (hush power kit available)
Dimensions	3098 (L) × 1294 (W) × 2247 (H)
Weight (outdoor version)	2637 Kg nominal

Low Emissions

NOx	0.15 g / bhp
CO	0.60 g / bhp
NMHC	0.15 g / bhp

Notes

All data values subject to fuel quality calorific value.etc

All data based on ISO standard atmospheric conditions such as barometric pressure, temperature, relative humidity altitude. Data may apply for extreme conditions.

Value in specifications subject to a tolerance of +/-

Energy and performance values represent the base unit operating at 100% heat and electrical pow

Data is taken at the connection points of the unit.

All Specifications subject to change as part of our policy of continuous improvement. E & O E.

