

# Efficiency analysis report

Sample audit A\_copy\_11/08/2017 13:32:46

Audited from 2013-08-12 09:20 until 2013-09-02 13:23

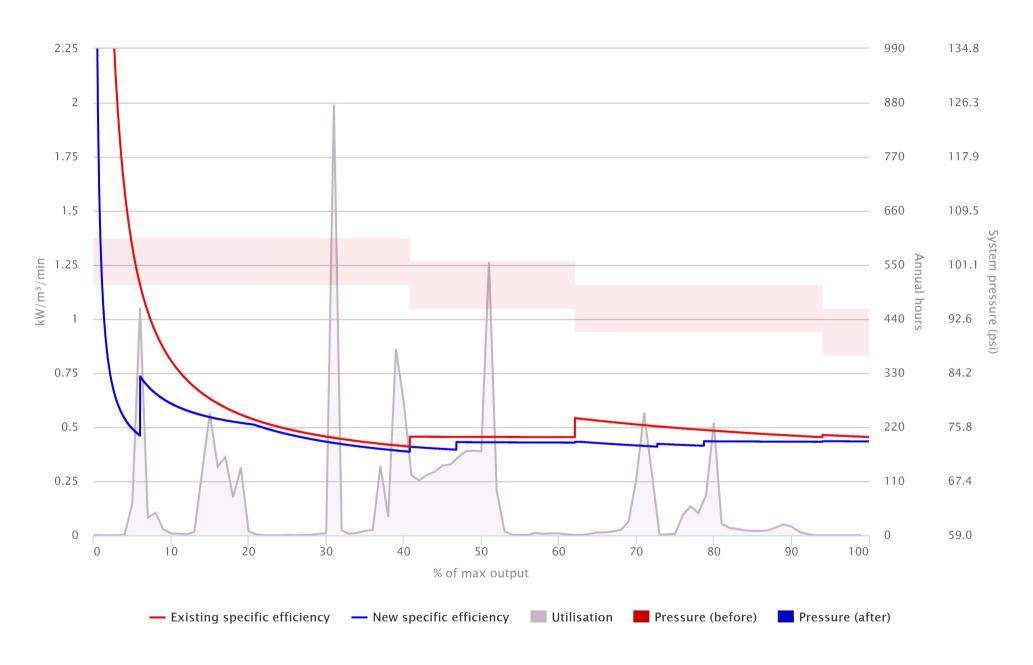
SIM\_COLLECTION\_0
Supply side calculated flow 0 (Annual)

2017-09-26

## **EQUIPMENT DATA**

Units Flow: m³/min Pressure: psi Power: kW

### **GRAPH DATA**



### **CHART DATA**

8760	≥	[kw]s		Contract of the second	(II)	(B)
0-10 % 623	0.0 - 106.3	70.9	34.2	36.7	22864.1	1829.13
10-20 % 907	106.3 - 212.6	100.8	87.1	13.7	12425.9	994.07
20-30 % 16	212.6 - 319.0	130.6	124.3	6.3	100.8	8.06
30-40 % 1476	319.0 - 425.3	160.4	151.7	8.7	12841.2	1027.30
40-50 % 1546	425.3 - 531.6	216.3	196.6	19.7	30456.2	2436.50
50-60 % 841	531.6 - 637.9	265.8	251.1	14.7	12362.7	989.02
60-70 % 70	637.9 - 744.2	353.9	293.6	60.3	4221.0	337.68
70-80 % 724	744.2 - 850.6	396.4	334.1	62.3	45105.2	3608.42
80-90 % 357	850.6 - 956.9	426.3	391.8	34.5	12316.5	985.32
90-100 % 28	956.9 - 1063.2	462.9	438.1	24.8	694.4	55.55
81	N/A	23.1	2.89	20.2	1637	130.96
2091	• 141116	1.0 kW	12/ 00 kW <b>V</b>	155025 kW haves the	12402.00 05005.45 15-70	0
0	741116	1.9 KW 72 1256	136.89 kW You will sa	/e: 155025 KW NOURS, \$	12402.00, 95805.45 IBS/C	O <sub>2</sub> per year

#### **CONCLUSIONS**

#### **SIMULATION DATA**



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Collection name SIM\_COLLECTION\_0

Simulation name Supply side calculated flow 0 (Annual)

Simulation type Supply side calculated flow

	Prepared for	Prepared by (author)				
Company Address line 1 Address line 2 City ZIP State Country Name	sample company name sample Address 1 sample Address 2 sample City sample zip sample state Belgium Mr. sample given name sample family name	Company Address line 1 Address line 2 City ZIP State Country Name Email	CMC NV / / / / Belgium Mr. Anthony Hoeckman anthony.hoeckman@cmcnv.com			
Summary conclusions						

We have concluded that you will save 155025 kW hours, \$12402.00 and 95805.45 kilo/CO<sub>2</sub> per year by applying the proposed equipment configuration shown on page 2 of this report.

Evidence to support our conclusions is provided in the associated Graph & Chart data.

Graph data shows the sites unmanaged versus managed specific efficiency and operating pressure range alongside the annualised system utilisation.

Chart data tables system utilisation in easy to read 10% 'utilisation zones' and highlights the difference in unmanaged versus managed kW, kW hours and cost per annum within each zone before totalising savings at the foot of the table.

Additional author comments relating to this efficiency analysis report follow

#### **AUTHOR COMMENTS**

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Signature of author:	 Dated:	

The estimates shown are calculated from given compressor performance data and are intended to demonstrate the potential energy cost savings achievable by the use of Gardner Denver energy efficient products. These estimates do not constitute a contract or part thereof. Site conditions vary and operating conditions are not known. Gardner Denver cannot accept liability if these savings are not achieved in practice.