

Impress Ltd

- Salhouse Road, Norwich



Impress installed 34 Airius fan units into their factory to save on heating costs and their investment was repaid 3 times over in the first winter they were installed.



Key Points:

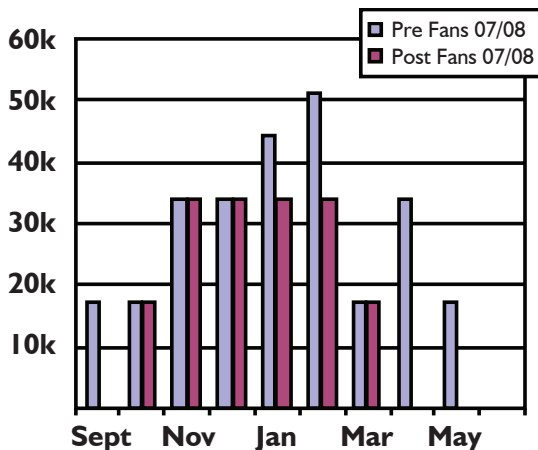
- 45.07% - Overall Savings 08/09
- £62,351 - First winter savings
- £21,268 - Full system & installation cost
- 3,000m² - Floor area
- 5.7°C - Mean temp 07/08
- 3.4°C - Mean temp 08/09
- £793 - Airius running costs per winter season
- Installed into Can Assembly area
- System - 34 units
- Part of the Ardagh Group

“Overall savings taking into account lower temperatures and prices in winter 08/09 = 45.07%.

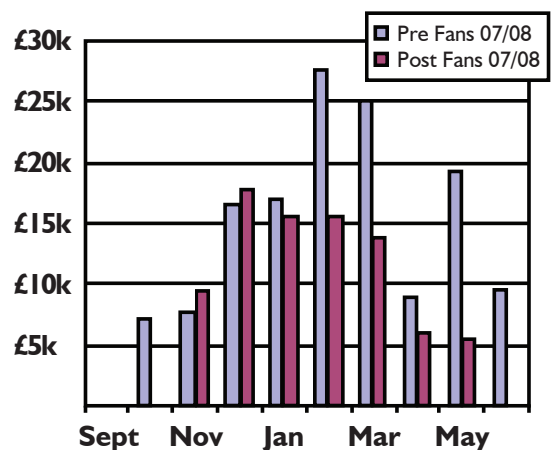
The full cost of the Airius units is re-couped within a matter of months - first winter savings of £62,351 measured against a total spend of £21,268.”

- Paul Matten (Plant Engineer)

Oil Usage (Ltrs) 2007 - 2009



Oil Costs (£) 2007 - 2009



Consumption & Weather Adjustments

Oil prices dropped by an average of 9.5% in 08/09 compared to the previous winter period 07/08. This will enhance the actual savings.

The mean temperature for East Anglia during winter 07/08 was 5.7°C. The mean temperature for East Anglia during winter 08/09 was much cooler at 3.4°C.

The heating system thermostats are set to 16°C, resulting in an increase in the requirement for heating in East Anglia of 22%.

This analysis excludes the purchase and installation costs of £21,268 in the first year.

	Qty (Ltrs)	Cost (£)
Aug 07	0	0
Sept 07	0	0
Oct 07	17,000	7,080
Nov 07	17,000	7,242
Dec 07	33,999	16,302
Jan 08	33,999	16,591
Feb 08	44,104	27,054
Mar 08	50,999	25,595
Apr 08	17,000	9,239
May 08	34,000	19,291
Jun 08	17,000	9,943
Jul 08	0	0
Aug 08	0	0
Sept 08	0	0
Oct 08	0	0
Nov 08	17,000	9,348
Dec 08	34,000	17,126
Jan 09	34,000	15,535
Feb 09	34,000	15,212
Mar 09	34,214	14,196
Apr 09	17,069	6,706
May 09	13,687	5,714

Winter 07/08 (pre-fans) total oil usage	£138,337
Winter 08/09 (post-fans) total oil usage	£83,837
Oil use reduction & savings, winter 08/09	£54,500
Restated savings, inc lower Oil price 08/09	£49,322
Restated Oil use & savings, inc lower temp 08/09	£63,144
Airius System running costs per winter season	£793
First Winter Savings	£62,351

From: paul.mattin@uk.imp-group.com
Sent: 26 August 2009 13:54
Subject: AIRIUS PERFORMANCE REPORT

Hello Airius,

Please find attached our analysis and data report. I have already forwarded the findings to our environment manager and i have spoken to two other plants in Germany and France.

Regards,
 Paul Matten
 Plant Engineer

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