



ENVIROSTART

EnviroStart energy savings system for escalators

EnviroStart Motor Energy Control will reduce the running costs and maintenance of your escalators and travelators; it will reduce your electricity bills, improve your environment credentials and reduce your carbon footprint. EnviroStart is an electronic solid state system using sophisticated software that constantly monitors the loading on the escalator motor and drive train ensuring that only the necessary power is applied at all times. It is a dynamic system adjusting the power continuously according to the loading. The design ensures that the motor will never stall or change speed during normal operation but will always provide the best possible energy savings.

Benefits

- Typical savings of 25% or more
- Cost-effective, providing typical payback of less than 18 months
- No change in the running speed of the escalator or travelator
- No change to the existing safety or control circuits within the system
- Maintenance free
- Motor and drive train life extended
- Operating temperatures reduced
- Easy installation
- Added security: phase loss, motor phase imbalance
- Optional remote energy monitoring facility

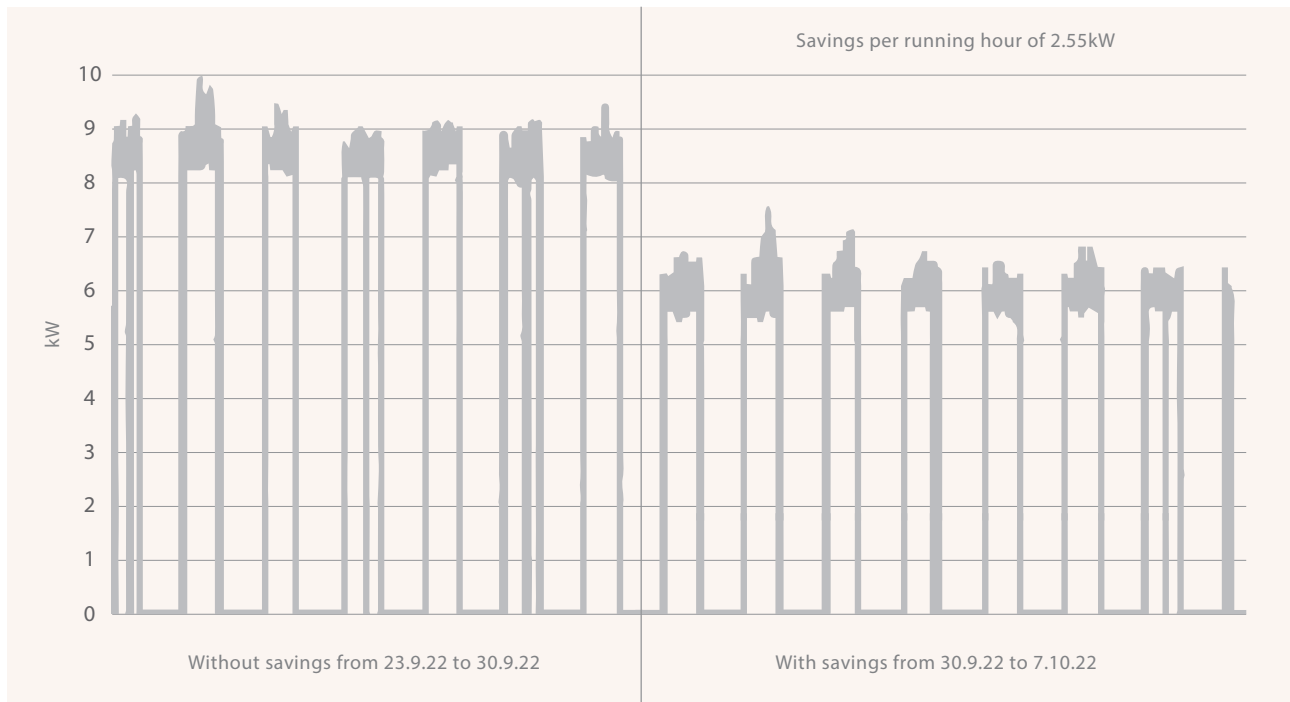
Call us now for advice

London	0208 293 4176
Birmingham	01543 262850
Bristol	0117 957 4601
Bournemouth	01202 871333
Cardiff	0292 010 4042
Glasgow	0141 404 5458
Manchester	01706 695610
Newcastle	0191 406 0909

Specification

- Small footprint easily and quickly installed
- 12A through 210A available
- British design and manufacture
- Three year warranty
- Fifteen year life expectancy

Results of a typical escalator running in a busy department store



These test results were obtained by carrying out a two-week test. Week one is the consumption of 5.8kW without EnviroStart in energy savings. Week two is the consumption of 5.35kW with EnviroStart in energy savings. The escalator consumption was monitored using an Ekomponent calibrated SPC mini data logger number 2279.

		Savings per year based on average savings for motor size										
		Hours per week										
11kW motor	160	£4,576	£5,034	£5,491	£5,949	£6,406	£6,864	£7,322	£7,779	£8,237	£8,694	£9,152
	140	£4,004	£4,404	£4,805	£5,205	£5,606	£6,006	£6,406	£6,807	£7,207	£7,608	£8,008
	120	£3,432	£3,775	£4,118	£4,462	£4,805	£5,148	£5,491	£5,834	£6,178	£6,521	£6,864
	100	£2,860	£3,146	£3,432	£3,718	£4,004	£4,290	£4,576	£4,862	£5,148	£5,434	£5,720
	80	£2,288	£2,517	£2,746	£2,974	£3,203	£3,432	£3,661	£3,890	£4,118	£4,347	£4,576
	60	£1,716	£1,888	£2,059	£2,231	£2,402	£2,574	£2,746	£2,917	£3,089	£3,260	£3,432
9kW motor	160	£3,744	£4,118	£4,493	£4,867	£5,242	£5,616	£5,990	£6,365	£6,739	£7,114	£7,488
	140	£3,276	£3,604	£3,931	£4,259	£4,586	£4,914	£5,242	£5,569	£5,897	£6,224	£6,552
	120	£2,808	£3,089	£3,370	£3,650	£3,931	£4,212	£4,493	£4,774	£5,054	£5,335	£5,616
	100	£2,340	£2,574	£2,808	£3,042	£3,276	£3,510	£3,744	£3,978	£4,212	£4,446	£4,680
	80	£1,872	£2,059	£2,246	£2,434	£2,621	£2,808	£2,995	£3,182	£3,370	£3,557	£3,744
	60	£1,404	£1,544	£1,685	£1,825	£1,966	£2,106	£2,246	£2,387	£2,527	£2,668	£2,808
7kW motor	160	£2,912	£3,203	£3,494	£3,786	£4,077	£4,368	£4,659	£4,950	£5,242	£5,533	£5,824
	140	£2,548	£2,803	£3,058	£3,312	£3,567	£3,822	£4,077	£4,332	£4,586	£4,841	£5,096
	120	£2,184	£2,402	£2,621	£2,839	£3,058	£3,276	£3,494	£3,713	£3,931	£4,150	£4,368
	100	£1,820	£2,002	£2,184	£2,366	£2,548	£2,730	£2,912	£3,094	£3,276	£3,458	£3,640
	80	£1,456	£1,602	£1,747	£1,893	£2,038	£2,184	£2,330	£2,475	£2,621	£2,766	£2,912
	60	£1,092	£1,201	£1,310	£1,420	£1,529	£1,638	£1,747	£1,856	£1,966	£2,075	£2,184
Cost/kWh		£0.20	£0.22	£0.24	£0.26	£0.28	£0.30	£0.32	£0.34	£0.36	£0.38	£0.40

We are quite happy to come on site and undertake a free site survey to be able to quote for your specific installed systems. If needed we are willing to do a short trial to prove the effectiveness of EnviroStart.

For further advice and information please call **020 8293 4176**,
email eric.doig@jacksonlifts.com, or visit www.jacksonlifts.com