

SALT

Electrical

ELECTRICAL INSTALLATION
AND VENTILATION SPECIALISTS

Butterfly Valve Conversion

Butterfly flap conversion from existing internal baffle/flap and Belimo actuator motor. This is an easy transformation for first stage fans which are doing the majority of the air extraction work. Belimo actuators have a guaranteed life of 60,000 operations or 12 months with a recycle timing system of 1 min on and 10 off the first stage fans will run for a min of 144 times per day multiplied by 365 days per year = 52560 cycles.

The Belimo motor is removed also the internal baffle/flap, a butterfly flap assembly is fitted to the top of the main chimney. The Butterfly flap is slightly larger than the circular chimney to allow rain flow off to the outer wall and not inside the main chimney itself.

The butterfly flap only opens by the pressure of the fans extracting air out causing it to lift open. When the fan motor stops the Butterfly flap falls shut on its own weight. Each Butterfly is also fitted with a restriction bolt to prevent the flap opening at 90 degrees which would prevent closing.

We can custom make butterfly flaps to order in 630mm, 820mm and other sizes on request. Each Butterfly comes with a 3 year Guarantee against wear and tear under normal operating conditions.



BEFORE



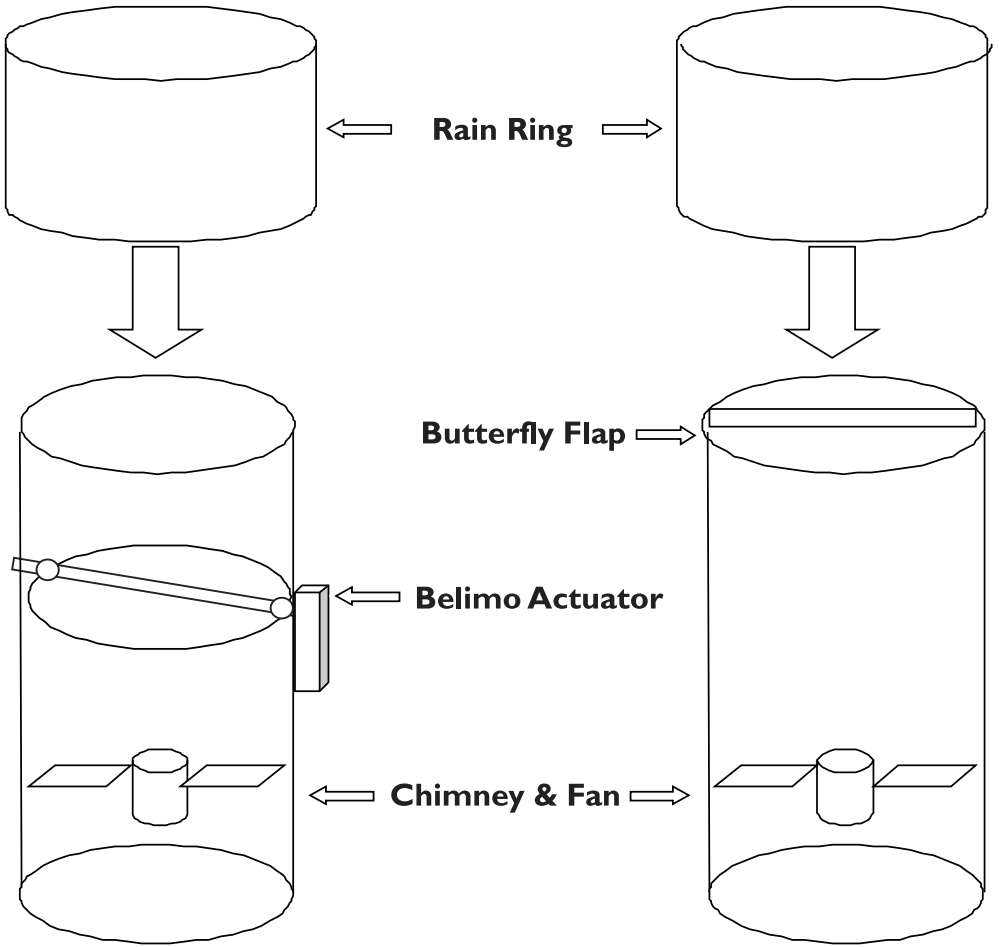
AFTER

31 Clonroot Rd,
Portadown.
Co. Armagh BT62 4HG.
Tel/Fax: +44 28 3887 9937
Mob: +44 7889 229939
Email: info@saltelectrical.co.uk
Web: www.saltelectrical.co.uk

Butterfly Valve Conversion

BEFORE

AFTER



Butterfly flap in open position when fan on

