

WELAIRE® A160H Volume Control Damper

WELAIRE® A160H Damper is a EXTRA low leakage heavy duty damper. A160H is designed for shutting off and adjusting the air flow in medium to high pressure HVAC systems.

The damper is designed to satisfy the Class 3 in accordance with EN1751:2014.

The damper consists of a rectangular casing and one or more blades. Airfoil blades result greater strength, less noise and less pressure loss. The damper can be manually operated or be operated by various actuators. The blade angle can be locked by means of a manual knob.

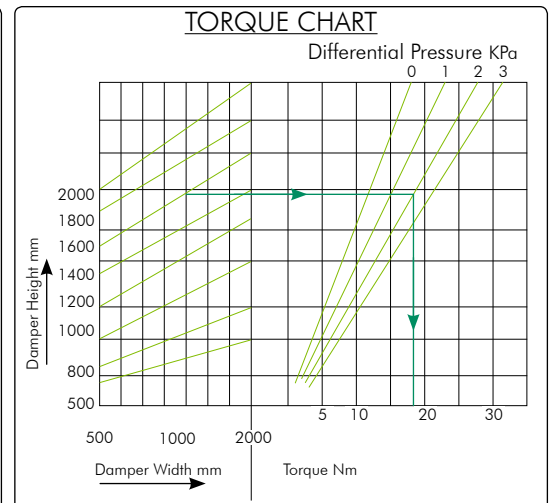
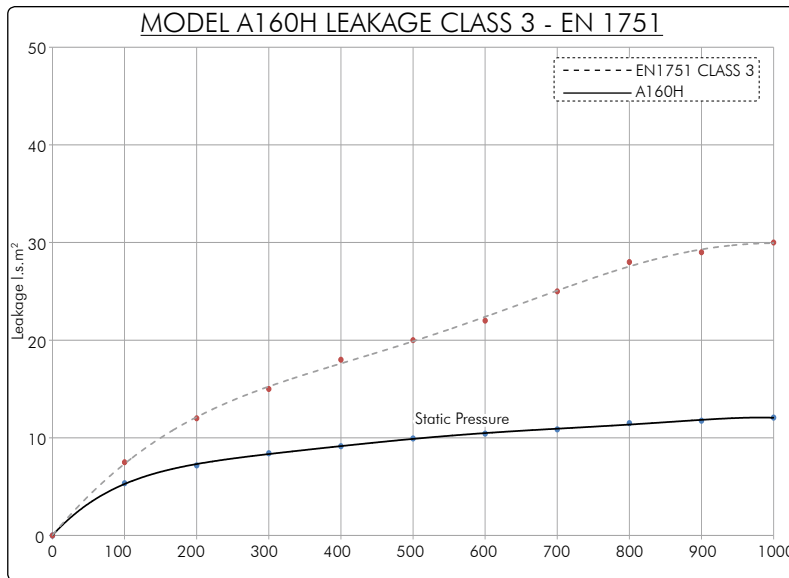
A multi-blade opposed action format utilizes a fully enclosed linkage system, which is located outside the airstream, to ensure minimum ingress of airborne containments.

Features:

- Extruded aluminum frame construction
- Extruded aluminum airfoil blades with edge interlocks to minimize air leakage.
- Nylon bearings
- Cast aluminum linkage with copper shaft to avoid rusting
- All joints are welded and sealed for air tightness
- All welded points are protected by spray painting
- All linkage are concealed to avoid dust accumulation
- 125mm extended 12mm diameter shaft suitable for manual or mechanical operation.



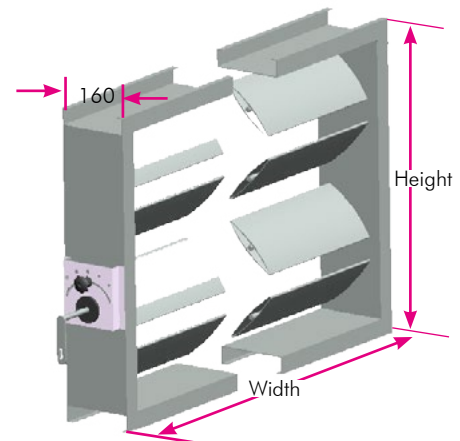
Aluminium Construction
and Airfoil Opposite Blade
Design



Damper Standard Size

Height (H)	160	315	470	625	776	930	1086
Blade Qty.	1	2	3	4	5	6	7
Width (W)	275	580	885	1190	1495	1800	2105

Height (H)	1240	1397	1550	1701	1885	2011	2165
Blade Qty.	8	9	10	11	12	13	14
Width (W)	2410	2715	3020	3325	3630	3935	4240



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