

SHX-UN BAL Air Balancing SHX-UN Universal Pressure Vent



The SHX-UN BAL is an air balancing vent for use in pressurised stairwells and escape routes. They are designed to help keep an escape route balanced pressure at or below 50 pascals as is required in order for escape route doors to be manually opened in case of an emergency.

Product Specification				
Product code	SHX-UN300 BAL	SHX-UN500 BAL	SHX-UN700 BAL	SHX-UN1000 BAL
Free Vent Area	0.077m ²	0.212m ²	0.416m ²	0.85m ²
Width/Height/Depth	420x420x120mm	620x620x120mm	820x820x120mm	1120x1120x120mm
Hole Cut Out	360x350mm	560x550mm	760x750mm	1060x1050mm
Weight	12kg	19kg	34kg	53kg

Product Information

- Can be mounted horizontally if specified (SHX-UN BAL CEI)
- Can be preset for 45 or 50 pascals opening
- Opens at 50 pascals, fully open at 55 (for 50 set)
- For 50 pascal set will start to open at 50 pascals and be fully open at 55. (45 and 50 for 45 set)
- Has the flexibility of being wall and ceiling mounted (please specify if required)
- When installing in external walls an EXP external weather louvre or roof cowl is needed
- Vents are powder-coated to RAL 9003 signal white, and have 4-hour fire rating
- Manufactured to ISO9001 and Russian GOST certification
- The products carry a 5-year guarantee and are available ex-stock for next-day delivery if ordered before 12 pm
- Fits walls from thin panels to 380 mm thick without any additional parts.
- The SHX-UN BAL comes with wall liner, wall liner extension, fitting kit, intumescent mastic and fitting instructions.

Fire Rating Certification

European Approval

Tested by BM Trada

Standard Type: BS EN 1363 - 1 / BS EN 1364-1

Report No. BMT/FEI/F15056 4 hour integrity

US Approval

Tested by Guardian Laboratories USA

Standard Type: UL555 & ASTM E 119-08a

Report No. GL 10010 2 hour integrity