

SERIES SX

Air Supply Valves

PUBLICATION

AIR VALVES 5

MAR 2026



Features

- Fully adjustable core
- Excellent pressure drop & noise characteristics
- Quick easy valve removal
- Inclusive mounting rings
- Steel construction with durable white finish



GILBERTS

SERIES SX

Air Supply Valves

Introduction

Gilberts SX Series of valves have been designed to provide a compact, clean and attractive means to supply fresh air to bathrooms, toilets, washrooms and kitchens, etc.

Manufactured from sheet steel and finished in durable white stove enamel they can provide relatively high air volumes whilst retaining good diffusion and low noise characteristics.

A twist in bayonet type fixing arrangement facilitates fast installation and removal from the mounting ring provided to allow for core adjustment or valve cleaning without affecting the valve settings. A foam gasket fitted to the valve body also ensures an airtight seal.

THE SUPPLY VALVE range comprises of a single unit type:

Type SX Standard supply valve design available in six sizes, all complete with mounting ring.

Features

- Fully adjustable core
- Excellent pressure drop & noise characteristics
- Quick easy valve removal
- Inclusive mounting rings
- Steel construction with durable white finish



Valve adjustment is achieved by simply rotating the central core inwards or outwards on its spindle and locking into its set position using the holding nut at the rear of the valve assembly.

Performance Data

For sizing and selection Performance Data Tables for each respective size and type are provided on the following pages. For any given volume the pressure loss characteristics can be determined at the intersection with the core positioning lines. The core position is expressed in terms of the number of mm, inwards and outwards, from its central position as shown in the dimensional illustrations.

Noise (dBA) ratings are indicated in 5db Bands across the core positions.

Selection Procedure

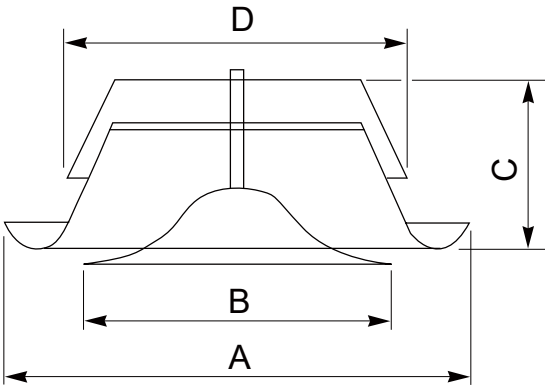
Having established the positions where units are to be located, use the Performance Data Tables to check the volume per unit to identify a suitable unit size to meet throw requirements. Pressure drop readings and noise levels can then be identified and assessed for acceptability.

Ideally units should be sized with the core in its central position to allow for adjustments and variations on site.

SERIES SX

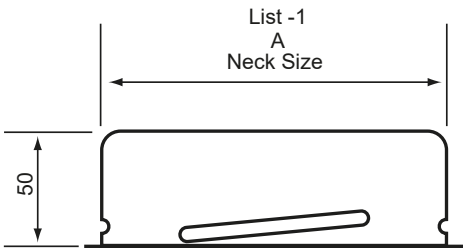
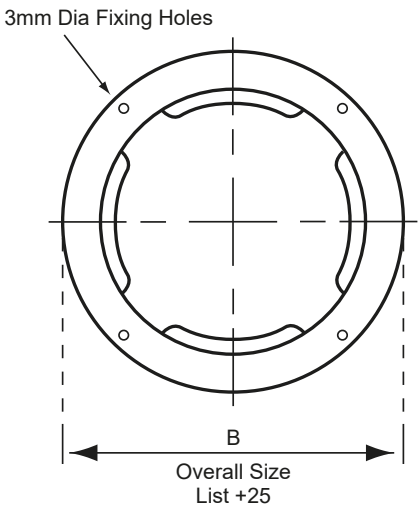
Air Supply Valves

Type SX



SX	A	B	C	D
100	139	75	38	96.6
125	165	98	44.5	122.3
150	201.5	118.5	51	148.5
160	208.5	129	51.5	157.8
200	248	157	58.5	197.3
250	298	208	63	248

Mounting Ring



SERIES SX

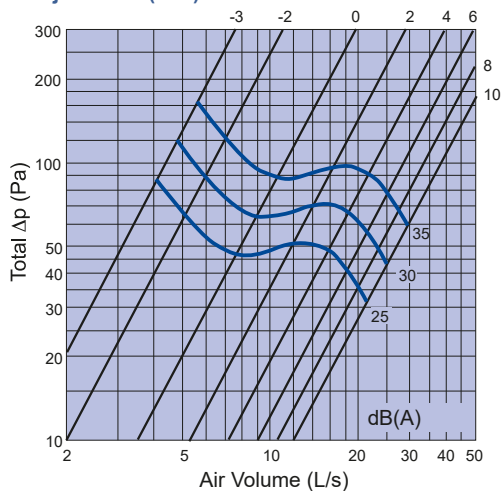
Air Supply Valves

Performance
Data

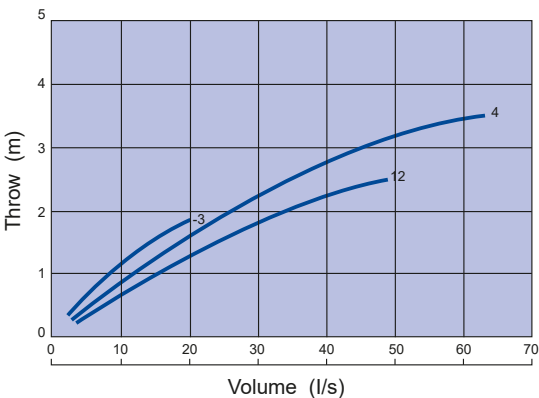
Noise
Reduction

Throw

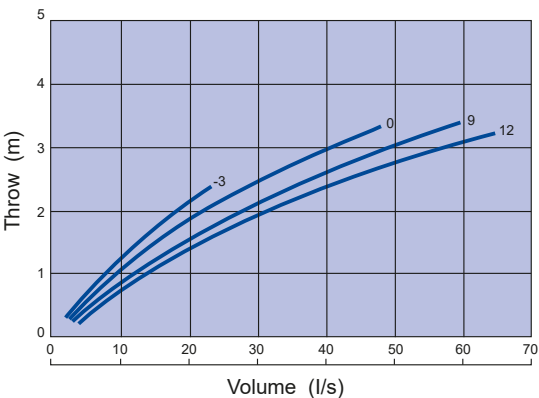
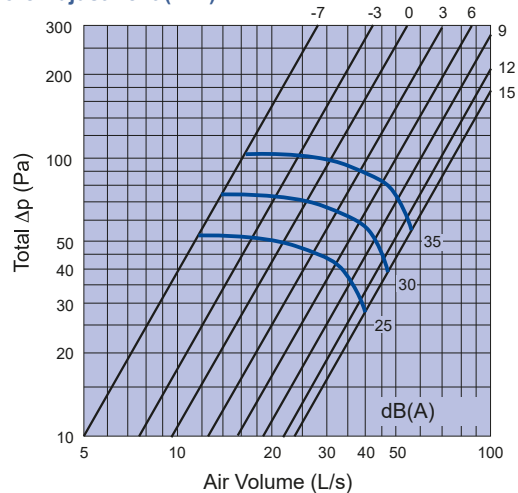
SX-100
Core Adjustment (mm)



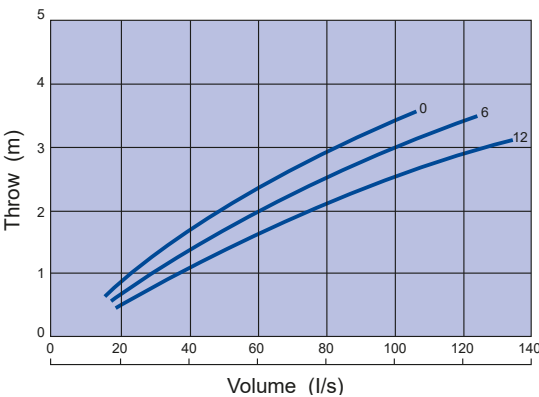
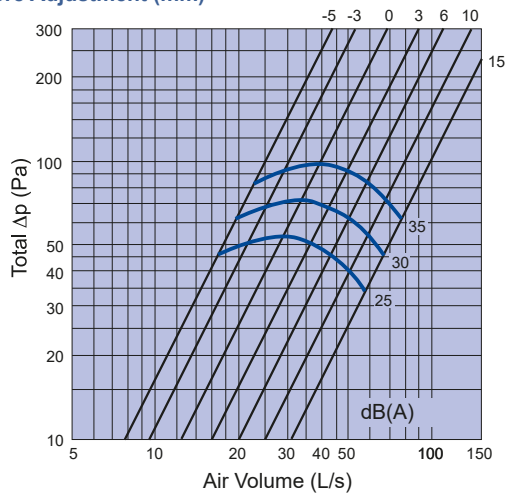
Key: Blue line indicates Terminal Velocity of 0.2m/s. The corresponding number is Core Position (mm)



SX-125
Core Adjustment (mm)



SX-150
Core Adjustment (mm)



SERIES SX

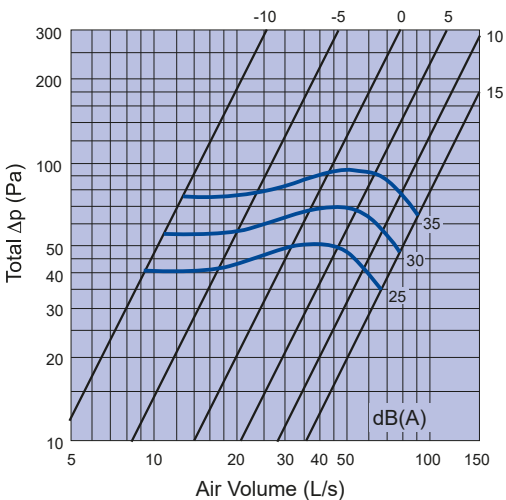
Air Supply Valves

Performance
Data

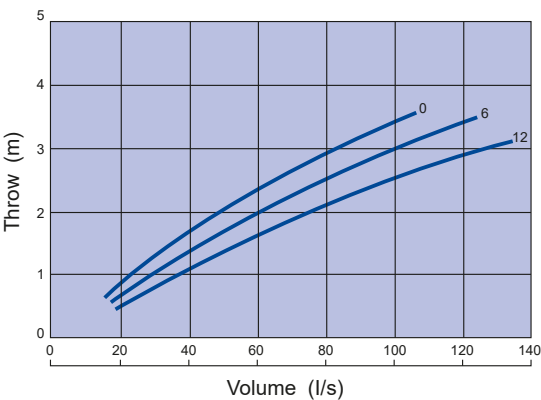
Noise
Reduction

Throw

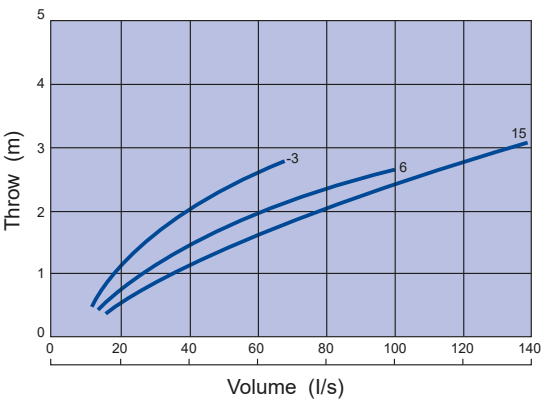
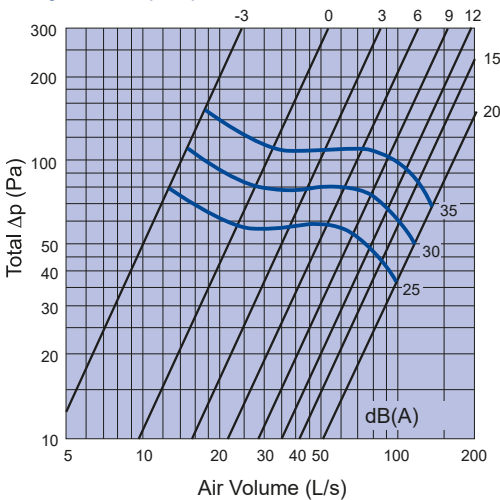
SX-160
Core Adjustment (mm)



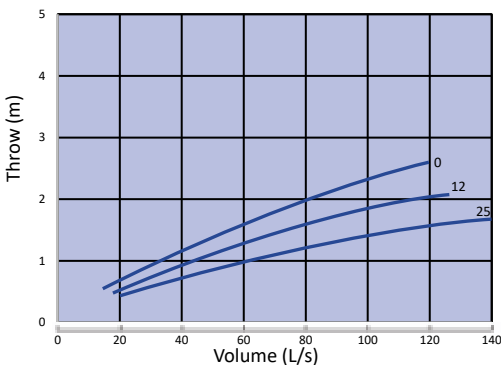
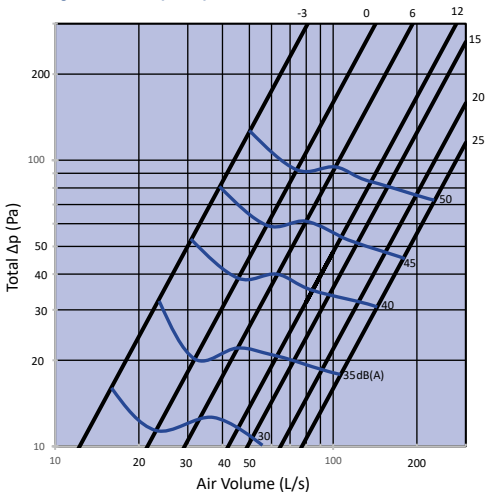
Key: Blue line indicates Terminal Velocity of 0.2m/s. The corresponding number is Core Position (mm)



SX-200
Core Adjustment (mm)



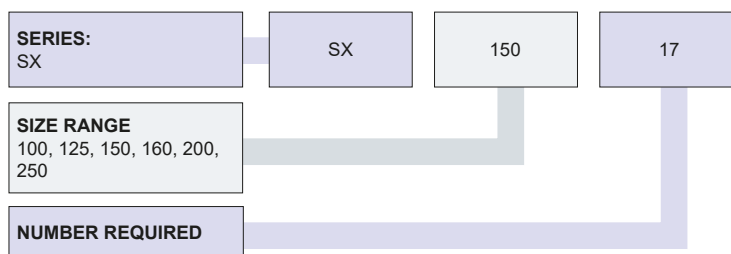
SX-250
Core Adjustment (mm)



SERIES SX

Air Supply Valves

Ordering Specification



FIXING

Quick, quarter turn, screw in fixing into mounting ring.

FINISH

Standard Finish:
Standard finish is White.

GILBERTS

Head Office and Works

GILBERTS (BLACKPOOL) LTD

Gilair Works, Clifton Road, Blackpool, Lancashire FY4 4QT.

Telephone: **(01253) 766911**

e-mail: **sales@gilbertsblackpool.co.uk**

Web: **www.gilbertsblackpool.com**

Gilberts (Blackpool) Ltd reserve the right to alter the specification without notice. For our latest product data please visit www.gilbertsblackpool.com. All images and drawings are for illustrational purposes only and are not intended to deliver an exact visual representation. Minor variations can be expected due to the different manufacturing processes. The information contained in this brochure is correct at time of going to press © 2026.

