

SERIES GX

Air Extract Valves

PUBLICATION

V.A.V. & AIR VALVES 3

JULY 2003



Features

- Fully Adjustable Core
- Excellent Pressure Drop and Noise Characteristics.
- Quick, Easy Valve Removal.
- Inclusive Mounting Rings.
- Steel Construction with Durable White Stoved Finish.
- Fire Rated Valve Option.



GILBERTS



SERIES GX

Introduction

Gilberts GX Series of valves have been designed to provide a compact, clean and attractive means of extracting stale air from bathrooms, toilets, washrooms and kitchens, etc.

Manufactured from sheet steel and finished in durable white stove enamel they will cater for relatively high pressure losses at comparatively low sound levels permitting economic selection at high air volumes and velocities.

A screw in bayonet type fixing arrangement facilitates fast installation and removal from the mounting ring supplied 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 EXTRACT VALVE range comprises of three unit types:

- Type GX Standard valve design available in five sizes, all complete with mounting ring.
- Type GXD Improved valve design to provide smoother air flow characteristics and lower noise levels. Available in five sizes all complete with mounting ring.
- Type GXF Combination fire damper and extract valve.

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- Fire Rated Valve Option.



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. The GXF Fire Rated Valve functions as a normal extract valve, sharing the same basic construction and performance as the GXD, however this unit also incorporates a spring

loaded core and fusible link mechanism. As temperatures reach 70°C the fusible link will melt allowing the core to spring to a failsafe closed position providing a 2 hour rated unit as tested in accordance with BS 476 part 20 1987.

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

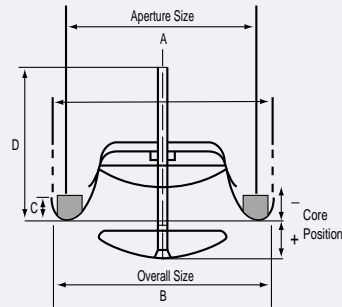
Having established the positions where units are to be located, use the Performance Data Tables to check the volume per unit against the maximum acceptable pressure loss and noise values.

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



SERIES GX

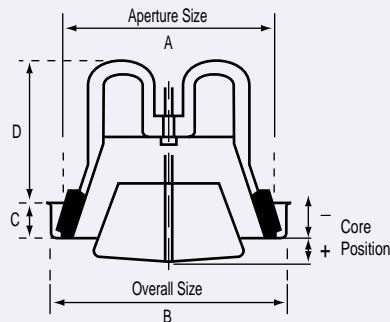
Type GX



DIMENSIONAL DATA

| TYPE | A | B | C | D | Weight (Kgs) |
|-------|-----|-----|----|-----|--------------|
| GX100 | 100 | 137 | 10 | 75 | 0.20 |
| GX125 | 125 | 161 | 10 | 95 | 0.31 |
| GX150 | 150 | 202 | 10 | 95 | 0.40 |
| GX160 | 160 | 212 | 10 | 95 | 0.47 |
| GX200 | 200 | 248 | 10 | 120 | 0.66 |

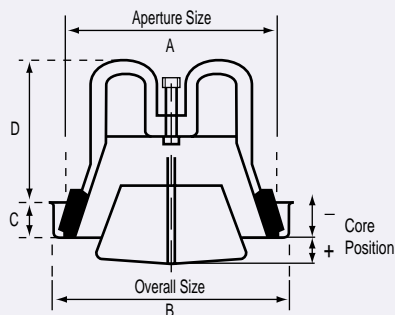
Type GXD



DIMENSIONAL DATA

| TYPE | A | B | C | D | Weight (Kgs) |
|--------|-----|-----|----|-----|--------------|
| GXD100 | 100 | 134 | 15 | 74 | 0.33 |
| GXD125 | 125 | 160 | 15 | 85 | 0.42 |
| GXD150 | 150 | 191 | 15 | 89 | 0.55 |
| GXD160 | 160 | 191 | 15 | 89 | 0.60 |
| GXD200 | 200 | 241 | 15 | 107 | 0.76 |

Type GXF



DIMENSIONAL DATA

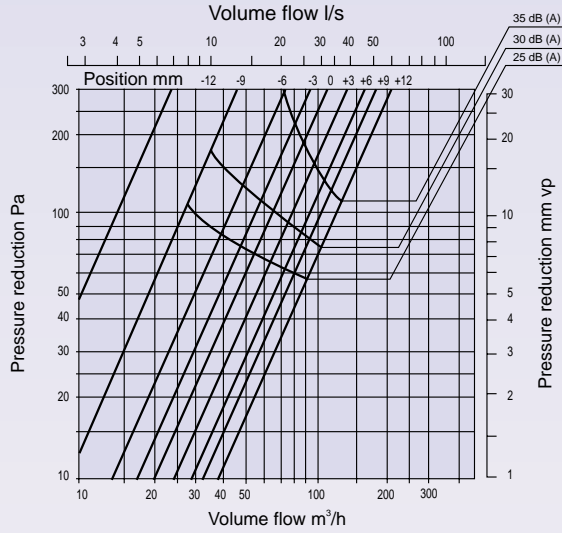
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|--------|-----|-----|----|-----|--------------|
| GXF100 | 100 | 134 | 15 | 74 | 0.33 |
| GXF125 | 125 | 160 | 15 | 85 | 0.42 |
| GXF150 | 150 | 191 | 15 | 89 | 0.55 |
| GXF160 | 160 | 191 | 15 | 89 | 0.60 |
| GXF200 | 200 | 241 | 15 | 107 | 0.76 |



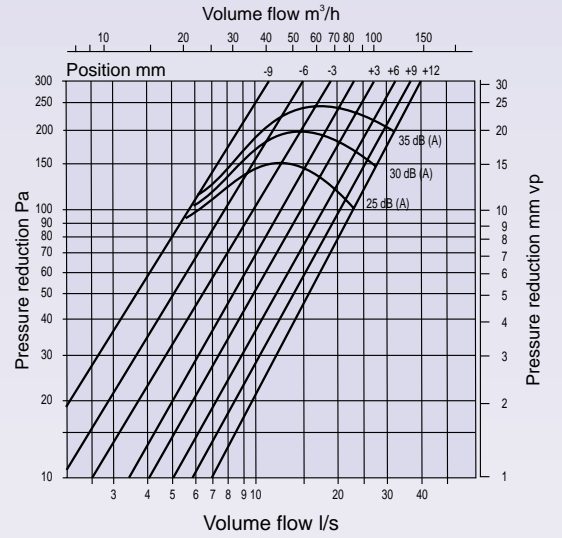
SERIES GX

Performance Data

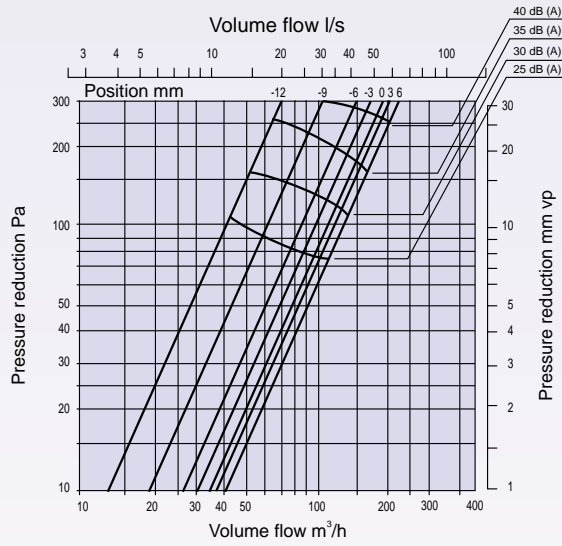
GX 100



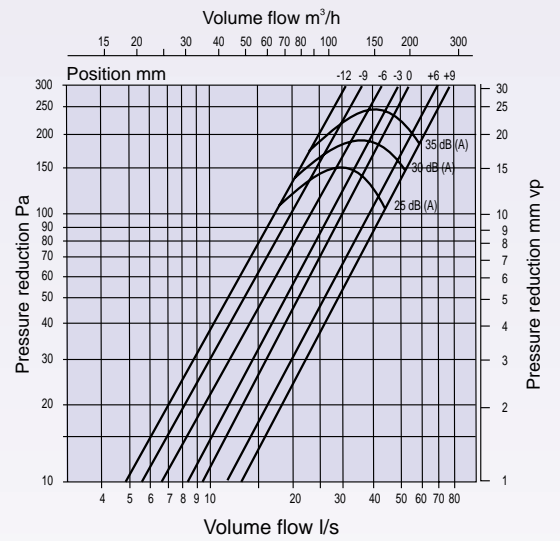
GXD & GXF 100



GX 125



GXD & GXF 125

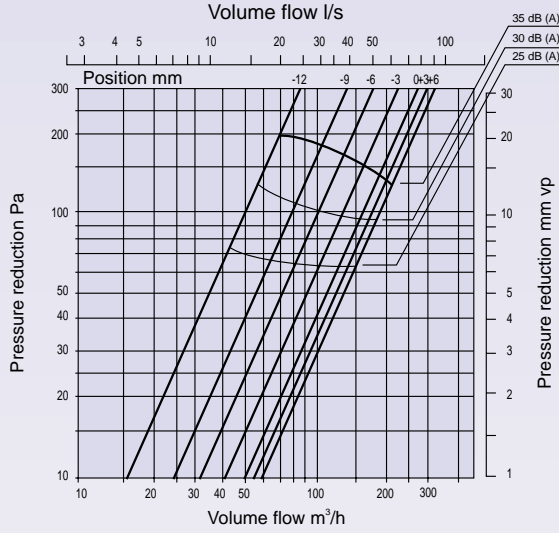




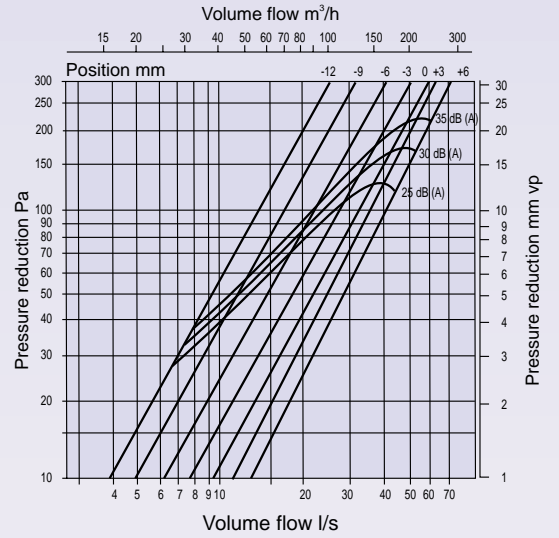
SERIES GX

Performance Data

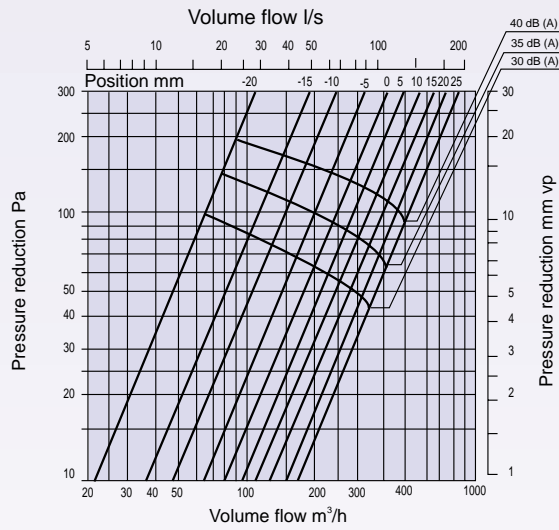
GX 150/160



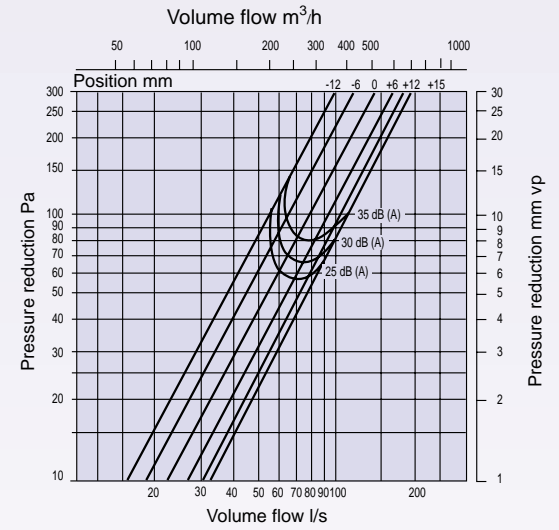
GXD & GXF 150/160



GX 200



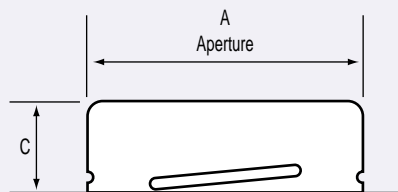
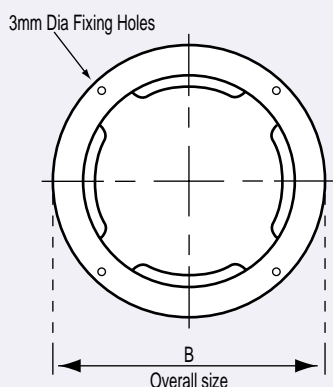
GXD & GXF 200





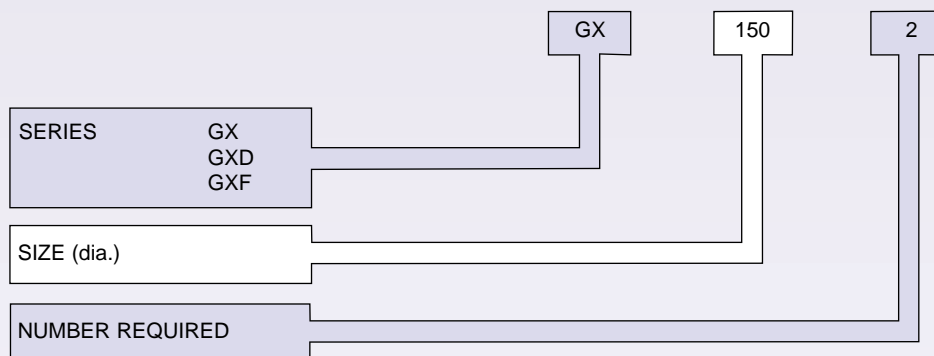
SERIES GX

Type GX, GXD and GXF Mounting Ring



| SIZE | A | B | C | Weight (Kgs) |
|------|-----|-----|----|--------------|
| 100 | 100 | 130 | 30 | 0.05 |
| 125 | 125 | 155 | 30 | 0.06 |
| 150 | 150 | 178 | 30 | 0.07 |
| 160 | 160 | 190 | 30 | 0.10 |
| 200 | 200 | 236 | 30 | 0.14 |

Ordering Specification



FIXING

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

FINISH

Standard Finish:
Standard finish for all units is a Stove Enamel White.

Contact

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