

# SERIES OPF

## Air Extract Valves

PUBLICATION

V.A.V. & AIR VALVES 4

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### Features

- Fully Adjustable Core.
- White Polyamid/  
Polypropylene.
- Corrosion and Chemical  
Resistant.
- Low Noise.
- Quick Easy Valve Removal.



# GILBERTS



# SERIES OPF

## Introduction

Gilberts OPF Series extract valves have been designed to provide a compact, clean and attractive means to extract stale air from bathrooms, toilets, washrooms, kitchens etc. Manufactured from white Polymid and Polypropylene Plastic the valves have high resistance to most chemicals in low

concentrations and can withstand temperatures of up to 100°C. By nature the units are also not susceptible to corrosion and their material construction combined with added core insulation ensures that they provide low noise levels.

OPF Series is available in 3 sizes, namely 75,100 and 150mm diameter, handling air volumes from 0.015 to 0.075m<sup>3</sup>/s. A spring clip fixing arrangement allows fast push fit installation either into the optional fixing ring or a rigid circular duct. Removal for core adjustment or cleaning is

easily achieved, without affecting valve settings, by pushing the valve sideways and pulling straight out. For valve adjustment the central core is rotated inwards or outwards on its centre shaft and then secured via the holding nut at the rear. Finish on the OPF Series is self colour white.

## Features

- Fully adjustable Core
- White Polyamid/Polypropylene construction
- Corrosion and chemical resistant
- Low Noise
- Quick easy valve removal



## Performance Data

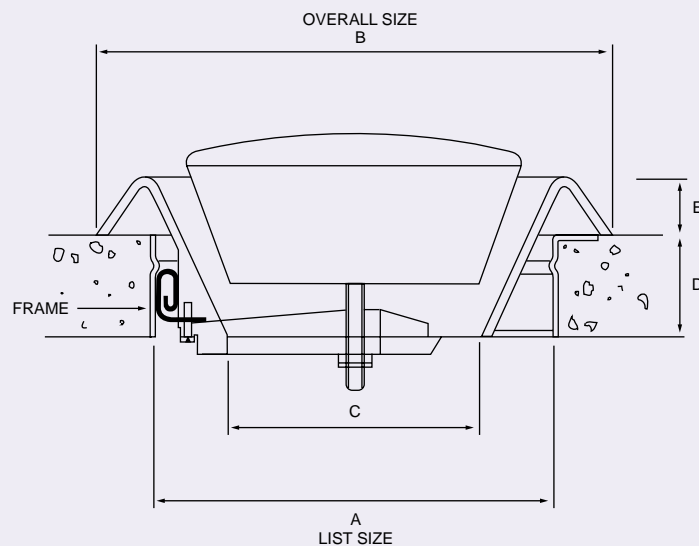
The pressure loss characteristics can be determined at the intersection with the core positioning lines. The core position is expressed in terms of the number of full rotations, inwards

and outwards, from its central position. Noise (dba) ratings are indicated in 5db Bands across the core positions.

## Selection Procedure

Having established the position 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.

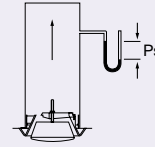
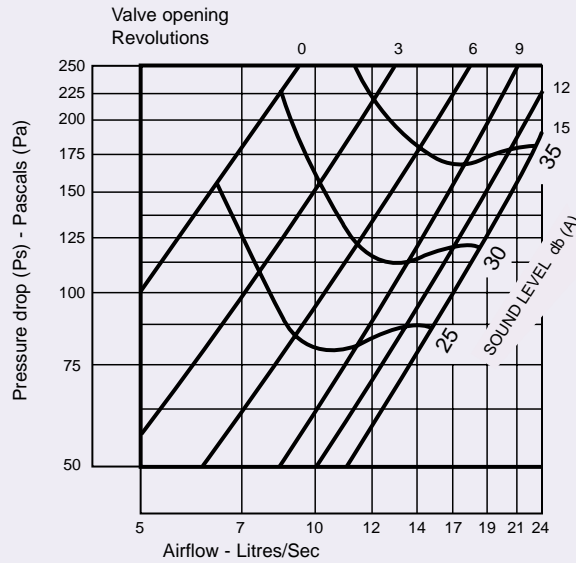


SIZE (MM)	A	B	C	D	E	VALVE WEIGHT (KG)
OPF 75	75	115	45	38	20	0.12
OPF 100	100	138	70	35	20	0.14
OPF 150	150	190	95	37	21	0.31





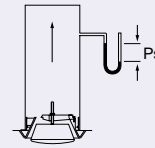
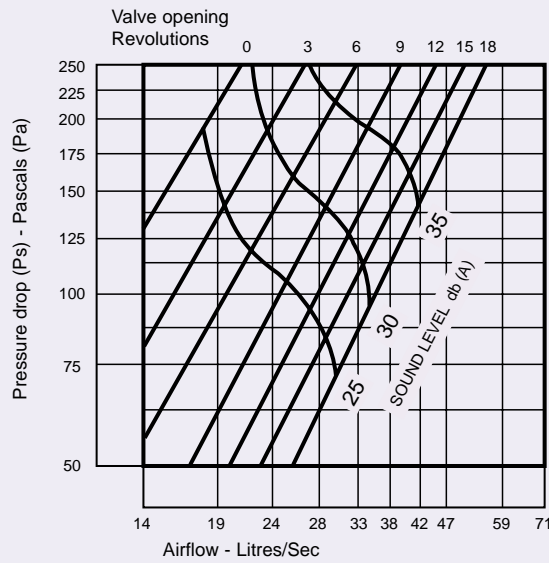
# SERIES OPF

## Performance Data





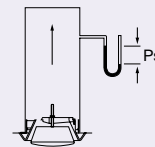
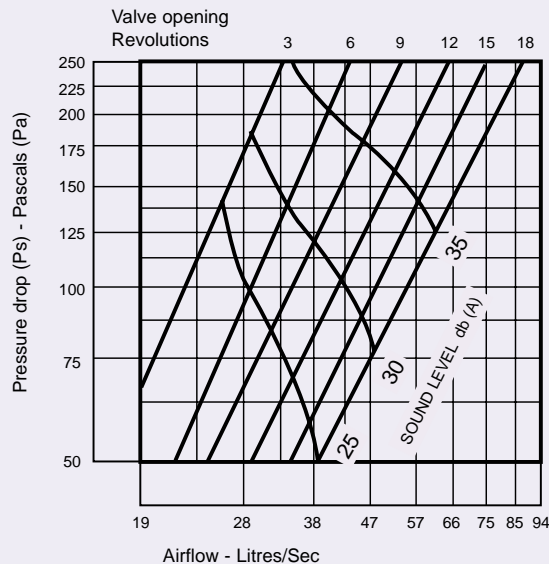
**OPF 75**  
SOUND ATTENUATION dB (A) ± 1

Valve opening, revs	0	3	6	9	12	15
1 valve 	8.0	8.0	8.0	7.5	7.0	7.0
2 valves 	12.0	12.0	12.0	11.5	11.0	11.0





**OPF 100**  
SOUND ATTENUATION dB (A) ± 1

Valve opening, revs	0	3	6	9	12	15	18
1 valve 	8.5	8.5	8.0	8.0	7.5	7.5	7.5
2 valves 	13.5	13.5	12.5	12.0	12.0	12.0	12.0



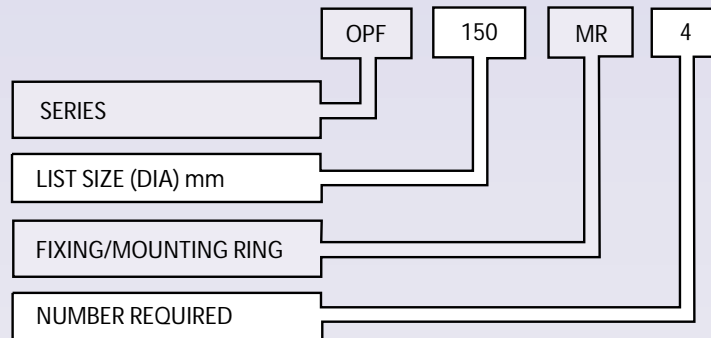
**OPF 150**  
SOUND ATTENUATION dB (A) ± 1

Valve opening, revs	0	3	6	9	12	15	18
1 valve 	10.0	9.0	8.5	8.5	8.5	8.5	8.5
2 valves 	16.5	15.0	14.0	14.0	14.0	14.0	13.5



# SERIES OPF

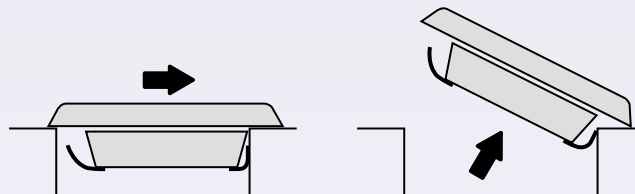
## Ordering Specification



## FIXING

To install the valve, simply push into mounting ring or duct.

The spring clips will keep securely in place.  
To remove, push sideways and pull straight out.



## FINISH

Self colour white.

## Contact

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