

# NABIC®

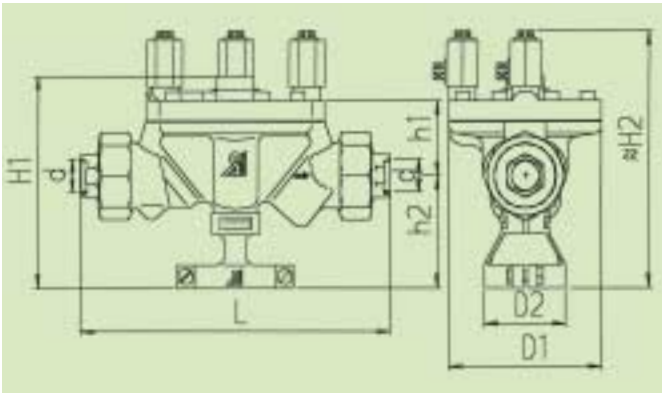
## REDUCED PRESSURE ZONE ANTI - POLLUTION VALVES

### Fig 255

#### APPLICATIONS

The RPZ Anti-Pollution valve is a type BA safety device used to prevent contamination of drinking water through siphoning or backflow up to class 4 fluid category. They are particularly suitable for industrial and commercial applications and can also be used for supplies to buildings within the scope of the water regulations. RPZ valves operate on the principal of interrupting the continuity of supply and discharging any possible backflow to waste. All types are complete with 3-test sample points for checking pressure and a drain water connection incorporating an 'AA' type air gap.

#### DIMENSIONS



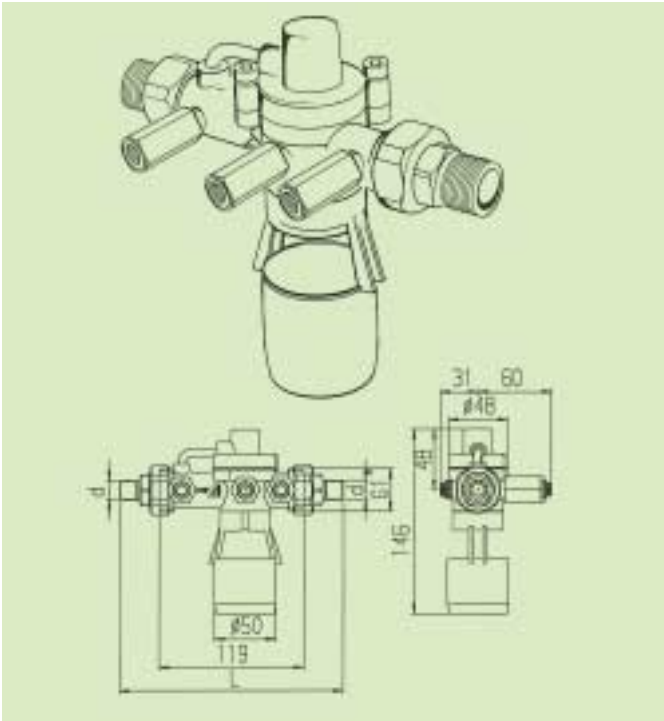
#### CONSTRUCTION

BODY MATERIAL	: GUNMETAL
CHECK VALVES	: PLASTIC
SEALS	: EPDM
MAXIMUM WORKING PRESSURE	: 10 bar
MAXIMUM WORKING TEMPERATURE	: 60 deg C

	SIZE	UNITS	DN15	DN20	DN25	DN32	DN40	DN50
CONNECTION	d		Rp 1/2"	Rp 3/4"	Rp 1"	Rp 1 1/4"	Rp 1 1/2"	Rp 2"
LENGTH	L	mm	210	210	216	285	287	297
HEIGHT	H1	mm	137	137	137	188	188	188
HEIGHT	H2	mm	166	166	166	214	214	214
HEIGHT	h1	mm	48.5	48.5	48.5	73	73	73
HEIGHT	h2	mm	72.5	72.5	72.5	96	96	96
WIDTH	D1	mm	103	103	103	148	148	148
DRAIN	D2	mm	50	50	50	75	75	75
Kv - VALUE		m <sup>3</sup> /h	3.05	4.90	7.88	16.1	29.5	33.2

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# Fig 255C



## FEATURES

The compact version of the Fig 255 Anti-Pollution Valve is available in two sizes DN10 and DN15. Both are supplied with external threaded union connectors as standard, the DN15 version is also available with internal threaded connectors. These units have been primarily designed for the smaller installation where point of use protection is generally required. The low capital and installation costs of the Fig 255C make them an ideal alternative solution over a wide range of applications where the fitting of a storage cistern and ball valve is unsuitable.

## DIMENSIONS

SIZE		DN10	DN15	DN15	
CONNECTION	d	R 3/8	R 1/2	Rp 1/2	
LENGTH	L	mm	182	188	163
Kv VALUE		m <sup>3</sup> /h	1.56	1.56	1.56

# Fig 255F

## FEATURES

The DN65 version of the Fig 255 Anti-Pollution valve is supplied with flanged connections in accordance with DIN 2501.

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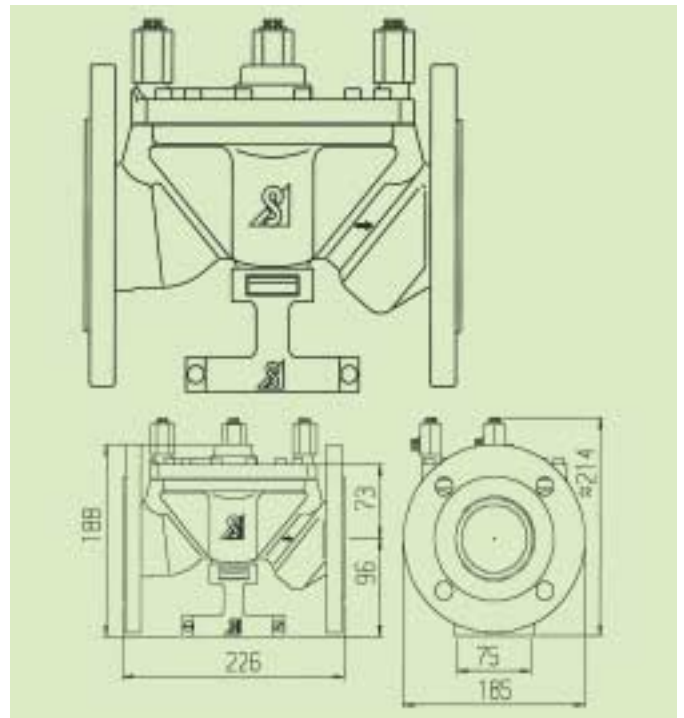
Kv VALUE = 42.2 m<sup>3</sup>/h

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## GENERAL INFORMATION

All valves in this range are manufactured in accordance with EN 1717 and have DVGW certification. Since water storage is not required on installations where these valves are fitted the risk of legionellae is also reduced. To facilitate inspection and routine maintenance, the bolted cover is removable and gives unrestricted access to the internal components.

It is recommended that RPZ valves have a filter installed in the upstream pipework and that stop valves are fitted to permit servicing of both units.



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