GERHMAN

CAUTION STAY CLEAR

Over Flow Unit

DUX

Dual Flow Pressure Relief Damper for Chemical Gas

At Gerhman we are driven by a strong desire to continuously generate improvements. We do that by developing products and systems that are easy to use and energy efficient, together with industry-leading knowledge, support, logistics and efficient availability.

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Overview

The DUX is the world's first two-way pressure relief vent specifically designed for halocarbon gaseous agents like FM-200 and Novec (patent pending). It delivers unmatched performance in synthetic gas suppression pressure relief systems. Its unique two-pivot design allows adjacent blades to interlock, ensuring superior fire protection with minimal leakage and highly effective pressure relief.

Key Features

•Two-way pressure relief vent for both positive and negative pressure venting.

•Applicable with gas fire suppression systems using chemical gases.

•Negative pressure relief: Operates at 85 Pascals and fully open at 100 Pascals.

•Positive pressure relief: Operates at 100 Pascals and fully open at 120 Pascals.

•Available in 4 standard sizes.

•Can be adapted for ceiling mounted applications.

•Constructed from Steel Zintec and powder coated with RAL 9003 white.

•5-year warranty.

Types of gases

•   Halocarbon gaseous agents compatible with the DUX include:

•   FK-5-1-12 (Fluoroketone - $C_6F_{12}O$). Novec is a popular brand for this gas.

•   HFC-227 (Heptafluoropropane - C_3HF_7). FM200 is a popular brand for this gas.

Specification

DUX

Product Code	DUX300	DUX500	DUX700	DUX1000
Neg Free Vent Area	0,077 m2	0,212 m2	0,416 m2	0,85 m2
Pos Free Vent Area	0,047 m2	0,218 m2	0,308 m2	0,556 m2
Overall (WxHxD) mm	440x440x140	640x640x140	820x820x120	1120x1120x120
Hole cut out (WxH)	365x380 mm	560x580 mm	760x750 mm	1060x1050 mm
Weight	15 kg	25 kg	33,5 kg	54 kg

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