



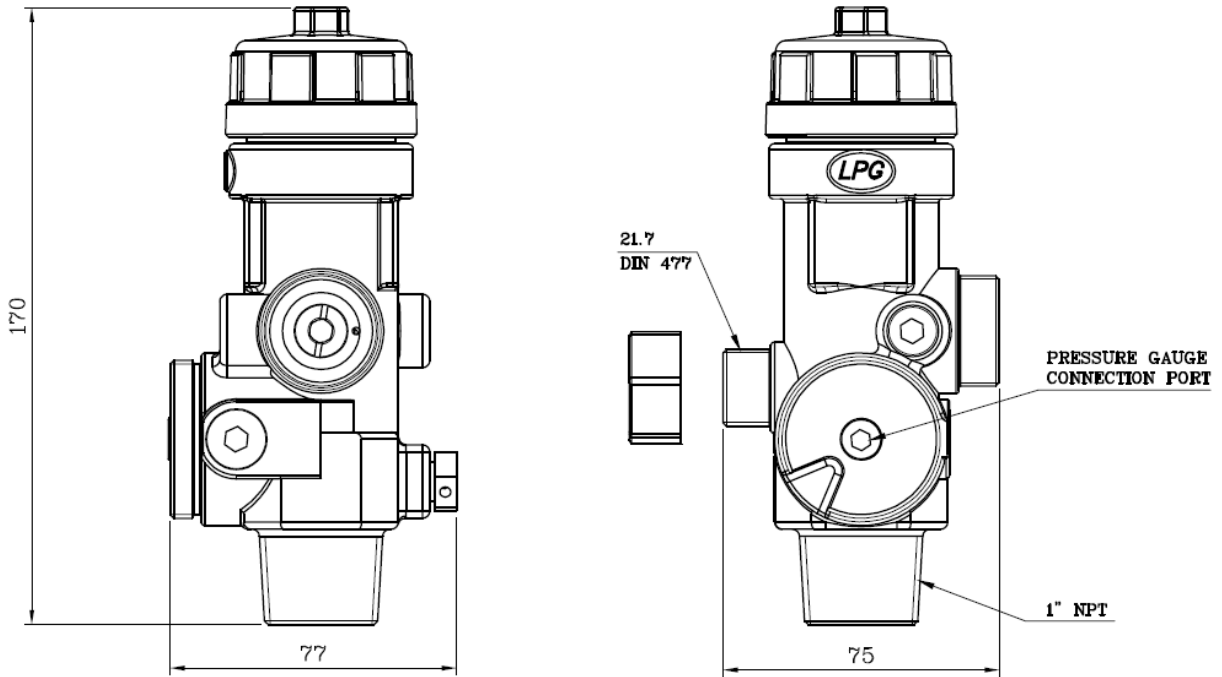
iFLOW IG55 VALVE DATA SHEET

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INTRODUCTION

The iFLOW valve is a pressure regulated valve head which releases extinguishing agent at a constant flow. Designed for use in modular and manifold systems, the iFlow valve can be pneumatically activated with a pilot cylinder c/w solenoid. The iFlow valve includes a low pressure switch connection port and protector cover for the pressure gauge.



TECHNICAL DATA

MAX. WORKING PRESSURE	FUNCTIONAL PRESSURE T.	HYDRAULIC TEST	WORKING TEMPERATURE	SAFETY DISC	WEIGHT	FREE CROSS SECTIONAL AREA
$\frac{370 \text{ bar.}}{5365 \text{ psi.}}$	$\frac{60 \text{ bar.}}{870 \text{ psi.}}$	$\frac{450 \text{ bar.}}{6525 \text{ psi.}}$	$\frac{-20^{\circ}\text{C} \sim 50^{\circ}\text{C}}{-4^{\circ}\text{F} \sim 122^{\circ}\text{F}}$	$\frac{400 - 430 \text{ bar.}}{5800 - 6235 \text{ psi.}}$	$\frac{2.10 \text{ kg}}{4.63 \text{ lbs.}}$	38.4 mm ²

OPTIONAL RELEASE SYSTEMS: Electric by Pyrotechnic and Pneumatic.

ACCESSORIES: Pressure gauge, Pressure switch.

BUILDING MATERIALS.

BODY	AXLE -- PISTON	JOINTHOLDER	SEALING JOINT	O-RING
Brass Cu Zn ₄₀ Pb ₂ EN 12165:98 tab4	Stainless steel AISI-420	Stainless steel AISI-420	POLIAMIDE	Nitrile

IMPORTANT

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