

STOPFIRE Domestic**STOPFIRE Domestic**

Standard: BS9251:2021

Single Phase Pump

**SYSTEM DESCRIPTION**

STOPFIRE Domestic is a compact, easy instal solution for domestic fire suppression systems in compliance with BS9251:2021 standard.

- For apartments and houses (up to 4 storeys)
- Other habitational and accomodation alternatives (*)
- Capable of being wall or floor mounted
- Ergonomic, lightweight and compact solution

** - according to current legislation*

ACCESSORIES / COMPONENTS

Standard product includes:

- 2 independent pressure switches
- A pressure gauge
- LPCB approved flow switch
- A solenoid valve, for the weekly test

Optional:

- Monitored valves

Not included:

- *Sprinkler heads*
- *Pipework*
- *Isolation valves for inlet and outlet*

ELECTRIC PANEL

- Made of Polycarbonate(PC)

Contains:

- Controller, for sprinkler system operation

Enclosure:

- Easy assembly / disassembly
- All the work needs to be done by certified personnel/professionals for that matter
- Drilling template kit inside

Installation:

- Needs to be placed in a way that allows easy access for commissioning, maintenance and to provide ventilation
- Suitable for manual handling

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MAIN SYSTEM CHARACTERISTICS

DATA	SI UNIT	3-3	3-5	5-3	5-5
Pump Model	- -	MPX 3-3	MPX 3-5	MPX 5-3	MPX 5-5
Quantity	- -	1	1	1	1
Hydraulic Characteristics					
Nominal Flow (Q_n)	m ³ /h	3.4	3.4	5	5
Nominal Pressure (H_n)	m	18	30	22	35
Maximum Pressure (H_{max})(shut off)	m	28	47	31	48
Drive Characteristics					
Motor Type	-	Electric	Electric	Electric	Electric
Installed Power	kW	0.37	0.55	0.55	1
Speed	rpm	2900	2900	2900	2900
Supply	V / ~ / Hz	230 / 1~ / 50	230 / 1~ / 50	230 / 1~ / 50	230 / 1~ / 50
Rated Current (I_n)	A	2.6	3.5	3.5	6.3
Start Current (I_a)	A	8.1	14	14	30,2
Cooling	- -	IC411	IC411	IC411	IC411
Mechanical protection	- -	IP55	IP55	IP55	IP55
Insulation Class	- -	F	F	F	F
Efficiency	- -	IE2	IE2	IE2	IE2
Construction Materials					
System Casing	- -	S235JR			
Pump Casing	- -	AISI304	AISI304	AISI304	AISI304
Impeller	- -	AISI 304	AISI 304	AISI 304	AISI 304
Shaft	- -	AISI 304	AISI 304	AISI 304	AISI 304
Pump Connections					

Suction (pump)	in	G1	G1	G1 1/4	G1 1/4
Compression Manifold (pump)	in	G1	G1	G1	G1
Test Connections	in	G1	G1	G1 1/4	G1 1/4

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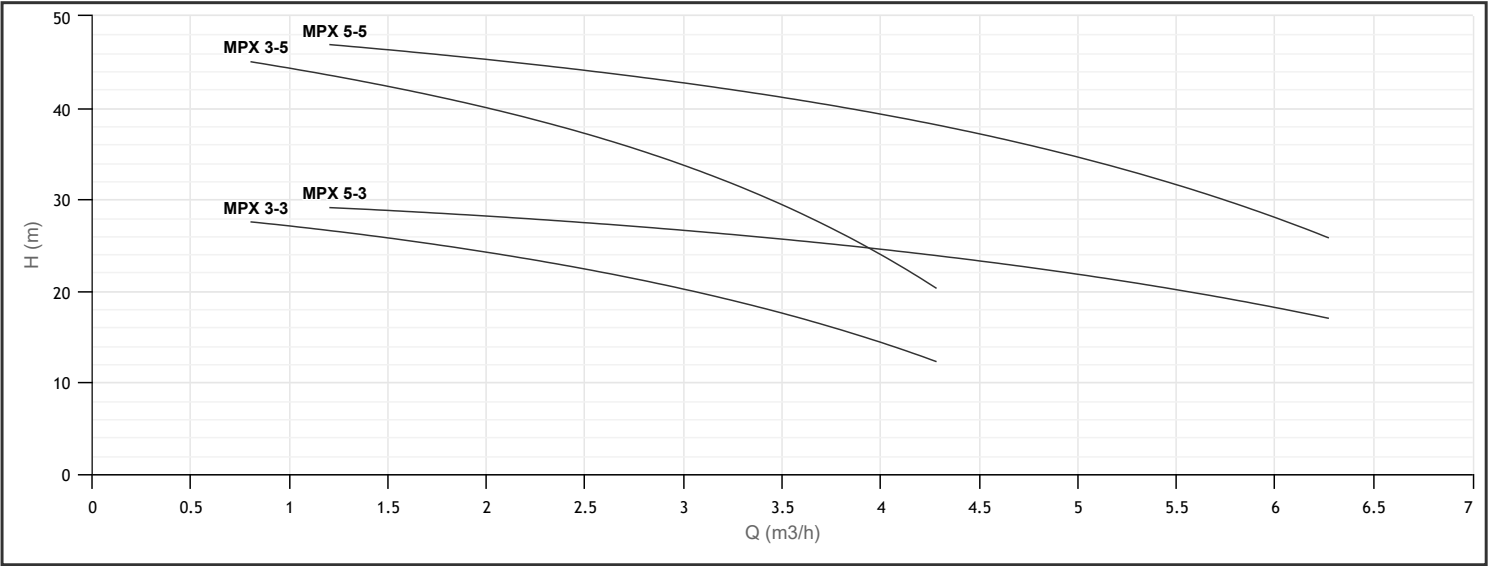
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SINGLE PUMP CURVES



Performance curves according to ISO 9906:2012 Gr.3B

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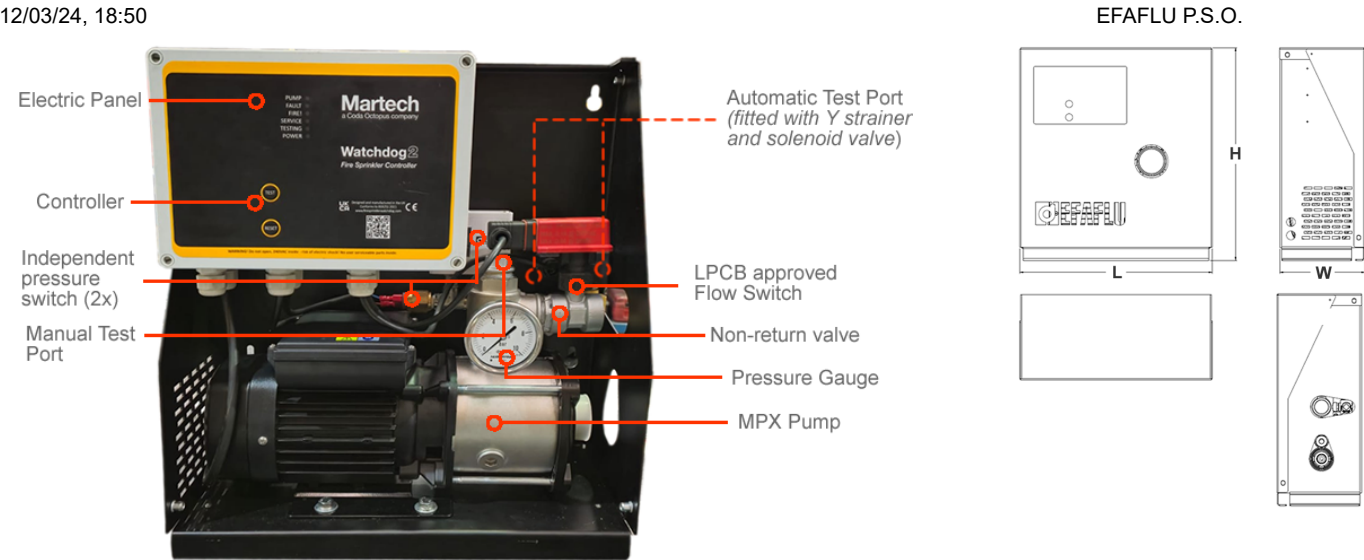
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SYSTEM COMPOSITION

OUTLINE DRAWINGS





System Casing Dimensions (mm)

L	H	W
433	480	191.5

System weight: 21 to 27 kg