Franklin Electric

GPM/FDS SERIES

TWO-PUMP BOOSTER SETS EQUIPPED WITH FDS PUMP CONTROL DEVICE

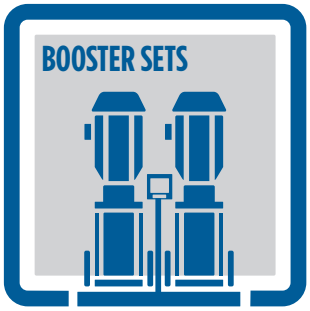
BOOSTER SETS

RESIDENTIAL



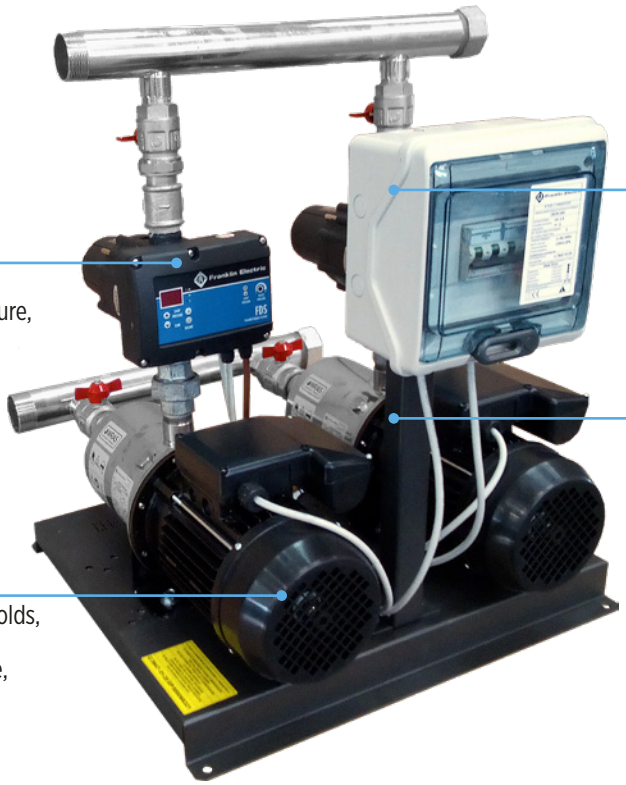
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BOOSTING SYSTEMS

High performance pressure booster for residential solutions



FDS - Franklin Digital System

Automatic device for reducing and regulating start-up and output pressure, ensuring the stable maintenance of pump pressure

Series of pumps connected in parallel

Black painted skid, galvanized manifolds, ball valve on discharge connected to FDS device, ball valve on suction side, protection panel

High reliability

All booster sets are factory assembled, hydraulically and electrically tested

High quality design

Two-pump booster sets controlled by FDS (Franklin Digital System): water through digital unit for single-phase pump

Superior efficiency

The GPM/FDS Series is specially designed to maintain a constant pressure regardless of the flow rate to ensure maximum comfort

FDS – FRANKLIN DIGITAL SYSTEM

- Automatic device for reducing and regulating start-up and output pressure, ensuring the stable maintenance of pump pressure
- Digital display and digital adjustment of the cut-in pressure
- Overload protection
- Suitable for pressure boosting systems due to communication mode for 2 pumps
- Adjustment and stabilization of outlet pressure, prevention of overloads and water hammer
- Improved ease of use
- Manual adjustment of the outlet pressure between 2 and 6 bar
- No periodic maintenance
- Power supply: 2.2 kW



APPLICATIONS

Domestic water supply

Water Distribution
Pressure boosting

Irrigation, Gardening, Sprinklers

Franklin Electric

GPM/FDS SERIES

GENERAL FEATURES

Model:	GPM02-EH3/05I007M5E0/FDS	GPM02-EH3/07I011M5E0/FDS	GPM02-EH5/05I011M5E0/FDS	GPM02-EH5/07I015M5E0/FDS
Maximum working pressure [bar]:	10 bar			
Maximum liquid temperature [°C]:	55 °C (clear liquid)			
Ambient temperature at rated load [°C]:	0 °C - 40 °C			
No. / Model of electric pumps:	2 x EH 3/05	2 x EH 3/07	2 x EH 5/05	2 x EH 5/07
Type of control				
Model:	FDS – Franklin Digital System			
Input pressure [bar]:	Adjustable: 0,5 - 5,5 bar			
Output pressure [bar]:	Adjustable: 2 - 6 bar (+/- 0,5)			
Rated current [A]:	16 A			

TECHNICAL DATA

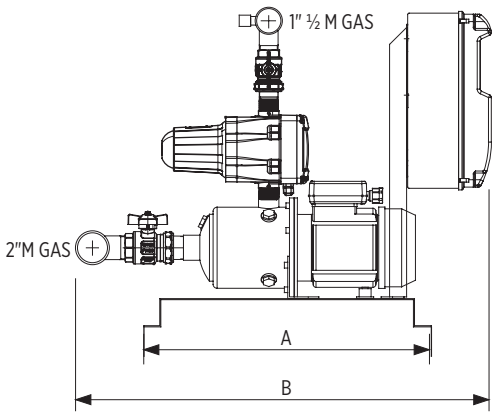
Model	Code	Control device	Rated power *		Manifolds		Pump model	Hydraulic performance 50 Hz **								
								Q = Delivery								
								l/min 0	16,7	25	33,3	50	75	100	116,7	133,3
								m^3/h 0	1	1,5	2	3	4,5	6	7	8
								US gpm 0	4,4	6,6	8,8	13,2	19,8	26,4	30,8	35,2
			[kW]	[HP]	DN SUC	DN DEL		H = Total meters head of water column [m]								
GPM02-EH3/05I007M5E0/FDS	74103051FDS	FDS	0,75	1	G 2"	G 1"½	**EH 3/5**	54		**46,8**	**43,4**	**35,2**	**20,7**			
GPM02-EH3/07I011M5E0/FDS	74103071FDS	FDS	1,1	1,5	G 2"	G 1"½	**EH 3/7**	75,3		**65,1**	**60,2**	**48,7**	**28,4**			
GPM02-EH5/05I011M5E0/FDS	74105051FDS	FDS	1,1	1,5	G 2"	G 1"½	**EH 5/5**	57,3			**52,1**	**48,8**	**42,7**	**34**	**25,8**	
GPM02-EH5/07I015M5E0/FDS	74105071FDS	FDS	1,5	2	G 2"	G 1"½	**EH 5/7**	80,7			**73,9**	**69,5**	**61,3**	**49,2**	**37,9**	

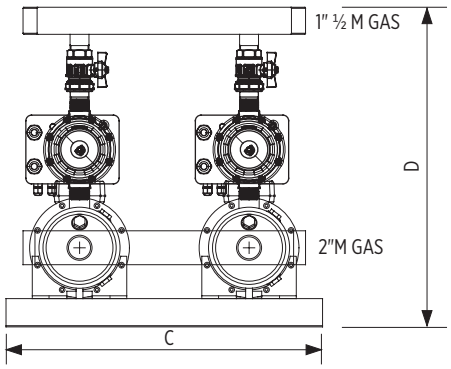
* Rated power refers to individual pumps

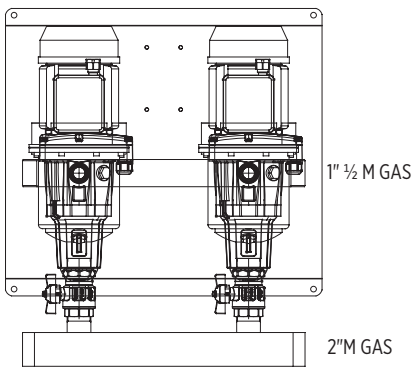
Application range

** Hydraulic performance figures refer to individual pumps

DIMENSIONS AND WEIGHTS







Model	Dimensions [mm]				Weight
	A	B	C	D	[Kg]
GPM02-EH3/05I007M5E0/FDS	509	736	560	566	62
GPM02-EH3/07I011M5E0/FDS	509	784	560	566	72
GPM02-EH5/05I011M5E0/FDS	509	736	560	566	71
GPM02-EH5/07I015M5E0/FDS	509	784	560	566	79

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