

CM BOOSTER

GRUNDFOS CM DOMESTIC WATER PRESSURE BOOSTER PUMP

THE MOST ROBUST PUMP DESIGNED FOR WATER PRESSURE BOOSTING

The Grundfos CMB with PT is a compact booster pump designed for domestic and light commercial use. The booster unit consists of a Grundfos CM pump with stainless steel hydraulic components and a pressure tank.

The CM pump is supplied with a pressure tank for even distribution of water pressure. When the water demand increases, there will be a pressure drop in the pipeline from the pre-set level. The pump automatically starts till it reaches pre-set cut-off pressure. The systems are available with 24 Lts & 60 Lts pressure tank.

CONSTRUCTION

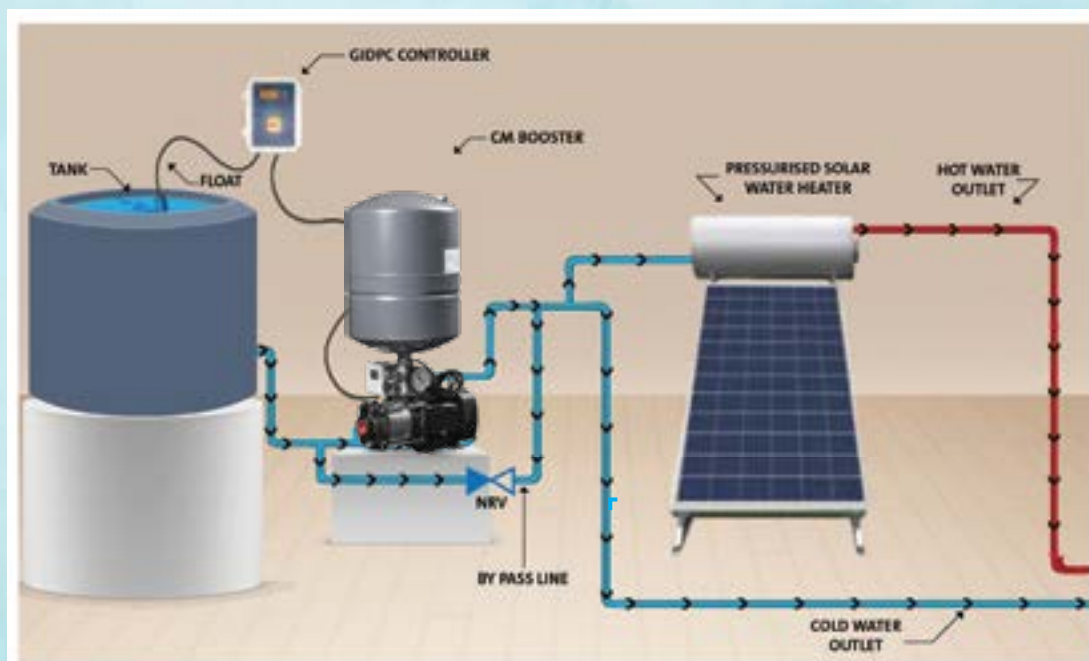
- Electro-coated cast iron parts free from corrosion
- High efficient motor
- Horizontal multi-stage centrifugal pump
- Long life components are of corrosion and wear resistance stainless steel

APPLICATIONS

- Mains boosting
- Household water supply
- Boosting from above ground water tanks

FEATURES

- Silent operation, compact design and highly reliable
- Wide performance range
- Liquid temperature from 20 °C up to 120 °C (pump only)
- Built-in thermal protection
- F class installation
- 100 Start / Stop Per hour



PRODUCT RANGE

Part Code	Model	Pressure Tank	Power		Voltage	FLOW	Hydraulic Data							Pipe Size (mm)	
			Kw	Hp		M ³ /hr	0	0.4	0.8	1.2	1.6	2	2.4	Suction	Delivery
						LPM	0	6.6	13.3	20	26.6	33.3	40		
96939705	CMB1-18	24 Lts	0.3	0.4	1 X 220-240	Head (Mts)	18	17	16	14.5	12.5	10	7	25	25
96939707	CMB 1-36	24 Lts	0.5	0.7	1 X 220-240		36	34.5	32	28.5	24.5	19.5	14	25	25
96939709	CMB 1-54	24 Lts	0.5	0.7	1 X 220-240		53.5	51	47	42	35	28	20	25	25
Part Code	Model	Pressure Tank	Power		Voltage	M ³ /hr	0	0.8	1.6	2	2.4	3.2	4	Suction	Delivery
			LPM	0		13.3	26.6	33.3	40	53.3	66.6				
96939712	CMB 3-18	24 Lts	0.3	0.4	1 X 220-240	Head (Mts)	18.5	17.5	16.5	16	15	13	10	25	25
96939713	CMB 3-27	24 Lts	0.5	0.7	1 X 220-240		28	26.5	25	24	23	19.5	15	25	25
96939714	CMB 3-37	24 Lts	0.5	0.7	1 X 220-240		37	35	33	31	30	25	19	25	25
96939715	CMB 3-46	24 Lts	0.5	0.7	1 X 220-240		46	43.5	40	38	35.5	29.5	22	25	25
96939769	CMB 3-46	60 Lts	0.5	0.7	1 X 220-240		46	43.5	40	38	35.5	29.5	22	25	25
96939716	CMB 3-55	24 Lts	0.7	0.9	1 X 220-240		56	53	49	46.5	43.5	37	27	25	25
96939770	CMB 3-55	60 Lts	0.7	0.9	1 X 220-240		56	53	49	46.5	43.5	37	27	25	25
Part Code	Model	Pressure Tank	Power		Voltage		M ³ /hr	0	1	2	3	4	5	6	Suction
			LPM	0		16.6	33.3	50	66.6	83.3	100				
96939719	CMB5-18	24 Lts	0.5	0.7	1 X 220-240	Head (Mts)	19	18	17	16	15	13.5	11	32	25
96939720	CMB 5-28	24 Lts	0.5	0.7	1 X 220-240		28	26.5	25.5	24	22	19	15	32	25
96939721	CMB 5-37	24 Lts	0.7	0.9	1 X 220-240		38	36	34	32	30	26	20	32	25
96939775	CMB5-37	60 Lts	0.7	0.9	1 X 220-240		38	36	34	32	30	26	20	32	25
96939722	CMB 5-46	24 Lts	0.9	1.2	1 X 220-240		47.5	45.5	43.5	41.5	38.5	34	26.5	32	25
96939776	CMB 5-46	60 Lts	0.9	1.2	1 X 220-240		47.5	45.5	43.5	41.5	38.5	34	26.5	32	25
96939723	CMB 5-56	24 Lts	1.3	1.7	1 X 220-240		57.5	56	54	51	47.5	41.5	33	32	25
96939777	CMB 5-56	60 Lts	1.3	1.7	1 X 220-240		57.5	56	54	51	47.5	41.5	33	32	25
Part Code	Model	Pressure Tank	Power		Voltage	M ³ /hr	0	3	6	8	10	12	14	Suction	Delivery
			LPM	0		50	100	133.3	166.6	200	233.3				
99300284	CMB 10-32	100 Lts	1.3	1.7	1 X 220-240	Head (Mts)	32.5	32	30	28	25	21	17	40	40
On Request	CMB 10-47	100 Lts	1.7	2.3	1 X 220-240		47	46	43	39.5	35	30	24	40	40
Part Code	Model	Pressure Tank	Power		Voltage	FLOW	Hydraulic Data							Pipe Size (mm)	
			Kw	Hp		M ³ /hr	0	0.4	0.8	1.2	1.6	2	2.4	Suction	Delivery
						LPM	0	6.6	13.3	20	26.6	33.3	40		
96939706	CMB 1-27	24 Lts	0.3	0.4	1 X 220-240	Head (Mts)	27	26	24	21	18	14.5	10.5	25	25
96939708	CMB 1-45	24 Lts	0.5	0.7	1 X 220-240		44.5	43	39.5	35	30	24	17	25	25

For all pumps, electrical supply is 1 phase 200-240 Volts AC, 50 Hz