

CM with PM TWIN

The Grundfos CM with PM TWIN consists of two identical Grundfos CM pumps connected in parallel and works as duty & standby with cascade feature, mounted on a common base frame.

It comes with a intelligent controller PM TWIN which controls both the pumps and also protects the system



APPLICATIONS

- Domestic buildings
- Cottages and villas
- Horticulture & Gardening

SYSTEM FEATURES

- Non self priming, horizontal, multistage centrifugal pump
- Enclosure Class: IP 54
- Insulation Class: F
- Automatic start/stop upto 100 times/hour
- Quiet operation
- Max liquid temperature : 60° C
- Start Pressure : 1.5 to 5 Bar

CONTROLLER FEATURES

- ALL-IN-ONE Grundfos Pressure controller - PM TWIN
- USER Friendly interface - LED indicator showing
 - Power On
 - Pumps running
 - Alarm Indication
- Flexible Power Supply
 - PM TWIN can be powered by a generator or other alternative power supplies.
- Protective Functions - PM TWIN protects both the pumps and the system
 - Dry-running protection
 - Cycling alarm
 - Continuous operating time (30 min)*

Product Range

PART CODE	MODEL	POWER		FLOW m ³ /hr	HYDRAULIC DATA						PIPE SIZE (MM)		MRP (₹)	
		Kw	Hp		LPM	0	0.4	0.8	1.2	1.6	2	2.4		SUCTION
				0		6.6	13.3	20	26.6	33.3	40			
99845239	CM with PM TWIN 2 X 3-4	0.5	0.7	Head (Mts)	37	35	33	31	30	25	19	25	25	88,260
99845245	CM with PM TWIN 2 X 3-5	0.5	0.7		46	43.5	40	38	35.5	29.5	22	25	25	91,370
99845250	CM with PM TWIN 2 X 3-6	0.7	0.9		56	53	49	46.5	43.5	37	27	25	25	96,340
PART CODE	MODEL	POWER		m ³ /hr							DELIVERY	MRP (₹)		
		Kw	Hp		LPM	0	1	2	3	4			5	6
99845240	CM with PM TWIN 2 X 5-4	0.7	0.9	Head (Mts)	38	36	34	32	30	26	20	32	25	92,240
99845247	CM with PM TWIN 2 X 5-5	0.9	1.2		47.5	45.5	43.5	41.5	38.5	34	26.5	32	25	98,370
On Request	CM with PM TWIN 2 X 5-6	1.3	1.7		57.5	56	54	51	47.5	41.5	33	32	25	On Request

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

TWIN SYSTEM INCLUDES

- Discharge manifold
- Isolating valves
- Non- return valves
- Pressure guage
- Pressure Manager TWIN
- Base Frame

PRESSURE TANK INSTALLATION

PM TWIN can be optimised for operation with a large external pressure tank by enabling the pressure functionality. The function is easily enabled through DIP switch.

$$P(\text{stop}) = P(\text{start}) + 1 \text{ bar}$$

This option significantly reduces the number of operating hours of pumps in installations with a pressure tank