

CM90 - CIRCULATION PUMP



Ø 38 mm

Length 244 mm – 9.6"
Width 120 mm – 4.7"
Height 150 mm – 5.9"
Weight 3.0 kg (6.6 pounds)

Pump Body PPA, glass-fiber reinforced
Impeller PA12
Shaft Stainless steel
Motor 12/24 V DC enclosed (as per IP67) permanent magnet, ball bearing mounted motor, designed for continuous operation
Liquid Water/glycol mixture; max. 60% glycol, fresh
Liquid temp. Min. -40°C to Max. +100°C (Min. -40°F to Max. + 212°F)

System pressure Max 2,5 bar
Port Size Ø20 mm and Ø38 mm
Dry running 30 minutes
Input power Max. 125W
Mounting Separate universal bracket for flat surfaces

Ø20 mm (¾")

Part No.	Description	Capacity 0,1 bar (3.4 ftH ₂ O)	Capacity 0.25 bar (8.4 ftH ₂ O)
10-24750-09	CM90P7-1 13.6V D20	65 l/min (17.2 GPM)	50 l/min (13.2 GPM)
10-24750-10	CM90P7-1 27.2V D20	65 l/min (17.2 GPM)	50 l/min (13.2 GPM)

Ø38 mm (1½")

Part No.	Description	Capacity 0,1 bar (3.4 ftH ₂ O)	Capacity 0.25 bar (8.4 ftH ₂ O)
10-24664-09	CM90P7-1 13.6V D38	90 l/min (23.7 GPM)	65 l/min (17.2 GPM)
10-24664-10	CM90P7-1 27.2V D38	90 l/min (23.7 GPM)	65 l/min (17.2 GPM)



Length 211 mm – 8.3"
Width 117 mm – 4.6"
Height 110 mm – 4.56" from baseplate (totally 116 mm – 4.8")
Weight 1.75 kg – 3.8 lbs

C090 - CIRCULATION PUMP WITH MECHANICAL SEAL

Pump Body PA66 thermoplastic
Impeller PA66 thermoplastic
Motor 12/24 V DC enclosed (as per IP31) permanent magnet, ball bearing mounted motor, designed for continuous operation
Shaft Stainless steel

Shaft seal Mechanical seal
Liquid Water/glycol mixture; max. 60% glycol, fresh water
Liquid temp. Min. -30°C, Max. +100°C
System Pressure Max 2,0 bar
Port size Ø38 mm (1.½") hose

Ø 38 mm (1½")

Part No.	Description	Capacity 0.1 bar (3.4 ftH ₂ O)
10-24190-1	C090P5-1 12V	100 l/min at 0.1 bar (26.4 GPM)
10-24190-2	C090P5-1 24V	100 l/min at 0.1 bar (26.4 GPM)



CM10 & CM30

Pump Body PPA, Thermoplastic
Impeller PPA, Thermoplastic
Shaft Stainless Steel
Motor 12/24V DC enclosed (as per IP67) permanent magnet, ball bearing mounted motor, designed for continuous operation
Liquid Water/glycol mixture; max. 60% glycol, fresh water
Liquid temp. Min. -40°C Max. +100°C
System pressure 2,5 bar max

Port size Ø 16 mm (5/8") or 20 mm (¾") hose
Dry running Max. 30 minutes
Input Power Max. 14W (CM10) 27W (CM30)
Mounting Separate universal bracket for flat surfaces

Length	CM10P7-1 177 mm – 6.97"	CM30P7-1 177 mm – 6.97"
Width	68 mm – 2.68"	68 mm – 2.68"
Height	85 mm – 3.35"	85 mm – 3.35"
Weight	0.53 kg – 1.2 lbs	0.6 kg – 1.3 lbs

CM10 - CIRCULATION PUMP

Part No.	Voltage	Description	Port Size	Capacity 0.1 bar (3.4 ftH ₂ O)	Flexible Cord
10-24501-03	12V	CM10P7-1	Ø 16 mm (5/8")	15 l/min (4 GPM)	
10-24501-04	24V	CM10P7-1	Ø 16 mm (5/8")	15 l/min (4 GPM)	
10-24502-03	12V	CM10P7-1	Ø 20 mm (¾")	18,5 l/min (5 GPM)	
10-24502-04	24V	CM10P7-1	Ø 20 mm (¾")	18,5 l/min (5 GPM)	
10-24486-03	12V	CM10P7-1 with flexible cord	Ø 16 mm (5/8")	15 l/min (4 GPM)	04-36245-01
10-24486-04	24V	CM10P7-1 with flexible cord	Ø 16 mm (5/8")	15 l/min (4 GPM)	04-36245-01
10-24487-03	12V	CM10P7-1 with flexible cord	Ø 20 mm (¾")	18,5 l/min (5 GPM)	04-36245-01
10-24487-04	24V	CM10P7-1 with flexible cord	Ø 20 mm (¾")	18,5 l/min (5 GPM)	04-36245-01

CM30 - CIRCULATION PUMP

Part No.	Voltage	Description	Port Size	Capacity 0.1 bar (3.4 ftH ₂ O)	Flexible Cord
10-24503-03	12V	CM30P7-1	Ø 16 mm (5/8")	20 l/min (5.3 GPM)	
10-24503-04	24V	CM30P7-1	Ø 16 mm (5/8")	20 l/min (5.3 GPM)	
10-24504-03	12V	CM30P7-1	Ø 20 mm (¾")	26 l/min (6.9 GPM)	
10-24504-04	24V	CM30P7-1	Ø 20 mm (¾")	26 l/min (6.9 GPM)	
10-24488-03	12V	CM30P7-1 with flexible cord	Ø 16 mm (5/8")	20 l/min (5.3 GPM)	04-46249-01 12V
10-24488-04	24V	CM30P7-1 with flexible cord	Ø 16 mm (5/8")	20 l/min (5.3 GPM)	04-46249-01 12V
10-24489-03	12V	CM30P7-1 with flexible cord	Ø 20 mm (¾")	26 l/min (6.9 GPM)	04-46249-01 12V
10-24489-04	24V	CM30P7-1 with flexible cord	Ø 20 mm (¾")	26 l/min (6.9 GPM)	04-46249-01 12V



CM10 & CM30 REBUILD KIT

Part No.	Description
09-46551	Impeller cpl. CM10/CM30
36-503-023	Clamp Bracket