

Liquid CO₂ Transfer Pump



- Designed specifically for bulk transfer of liquefied CO₂.
- Precision construction and highest quality materials assure optimum performance and long life.
- No periodic maintenance or lubricating or other service required.
- Shaft seal assembly assures leak-free operation.
- Direct drive eliminates belt, chain drives or gear reduction boxes.
- Separate shafts for motor and pump permit either unit to be removed as required.

SPECIFICATIONS

- Strainer and bypass valves included standard equipment.
- Pumps and motors for use on 50 cycle also available.
- Larger capacities available on request.

Model	MC 1044	MC 2
Capacity	20 GPM (75.7 L/M), 160 lbs/min (72.58 kg/min) @ 0 psi or (0 kg/cm ²)	50 GPM (189.3 L/M), 400 lbs/min (181.44 kg/min) @ 0 psi or (0 kg/cm ²)
	17 GPM (64.3 L/M), 136 lbs/min (61.69 kg/min) @ 40 psi or (2.81 kg/cm ²)	42 GPM (159.0 L/M), 336 lbs/min (152.41 kg/min) @ 40 psi or (2.81 kg/cm ²)
	14 GPM (53.0 L/M), 112 lbs/min (50.80 kg/min) @ 75 psi or (5.27 kg/cm ²)	35 GPM (132.5 L/M), 280 lbs/min (127.0 kg/min) @ 75 psi or (5.27 kg/cm ²)
RPM	1800	1800
Pressure	300 psig (21.09 kg/cm ²)	300 psig (21.09 kg/cm ²)
Horsepower	1½ to 2 hp (1.12 to 1.49 kw)	3 to 5 hp (2.24 to 3.73 kw)
Suction Port Size	1½" (38.1 mm)	2½" (63.5 mm)
Discharge Port Size	1½" (38.1 mm)	2½" (63.5 mm)