

VCMA-20 SERIES



APPLICATIONS

Designed for automatic collection and removal of condensate from air conditioning, refrigeration and dehumidification equipment when gravity drainage is not possible or practical. Also, suitable for high efficiency oil and gas-fired condensing furnace and condensing boiler equipment.

FEATURES

- 1.9 liters collection tank
- Vertical centrifugal pump design
- Stainless steel motor shaft
- Automatic start and stop operation
- Some models equipped with float (solid polymer) activated switch for automatic high-level water detection (overflow detection switch)
- For models with overflow detection switch: dual function NO and NC operation (set to NO from factory for equipment shut down connection)
- Models equipped with overflow detection switch include two 5" switch lead wires
- 3/8" O.D. barbed discharge adapter with built-in check valve
- Three 1-1/8" diameter inlet openings (two fitted with removable cap plug)
- Thermally protected, fan cooled motor
- Built-in wall mount tabs on tank
- Removable pump float locking tab for safety during transportation (remove at time of installation)
- Maximum water temperature: 60 °C
- 1.8 m (6') cable with plug
- Some models include 20' x 3/8" I.D. vinyl discharge tubing

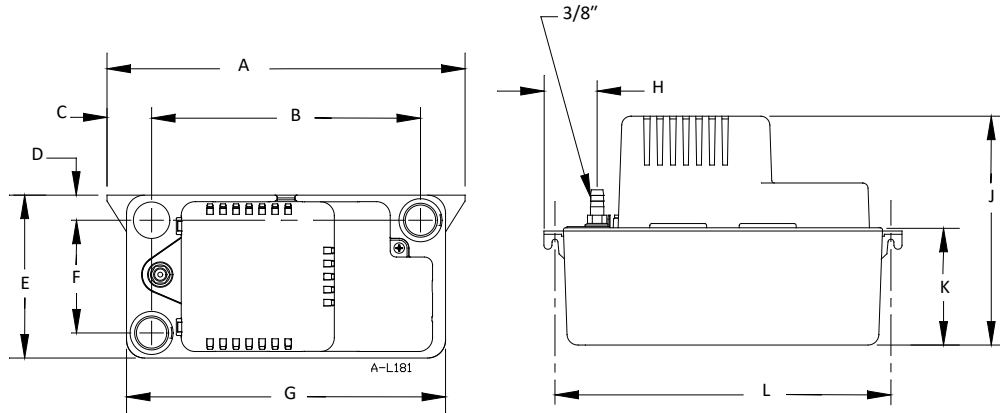


SPECIFICATIONS

Code	Model	HP	Input Voltage	Hz	Amps	Watts	Discharge Size	Shut-Off [m]	Bar	Cord	Weight [kg]
554471	VCMA-20S	1/30	230	50	0.6	60	3/8" (9.5 mm) OD Barbed	4.3 (14')	0.4	1.8 m (6')	2.3 (5 lbs)
554472	VCMA-20ST	1/30	230	50	0.6	60	3/8" (9.5 mm) OD Barbed	4.3 (14')	0.4	1.8 m (6')	2.3 (5 lbs)
554473	VCMA-20S	1/30	230	50	0.6	60	3/8" (9.5 mm) OD Barbed	4.3 (14')	0.4	3 m (9.8')	2.3 (5 lbs)

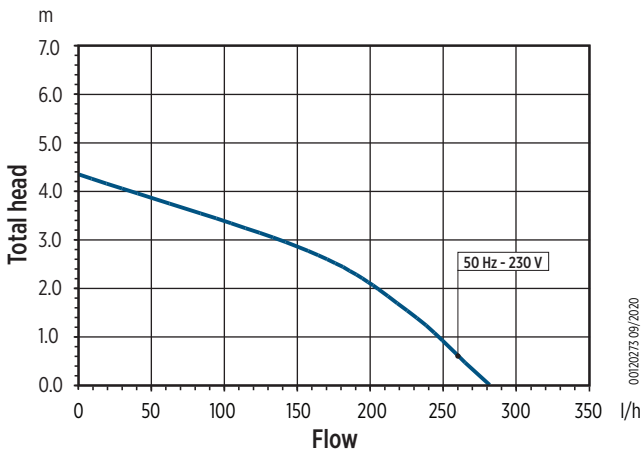


DIMENSIONS



A	B	C	D	E	F	G	H	J	K	L
279.4 mm (11")	212 mm (8.3")	35.5 mm (1.4")	20.5 mm (0.8")	127 mm (5")	89 mm (3.5")	249 mm (9.8")	401 mm (1.6")	178 mm (7")	91.5 mm (3.6")	262 mm (10.3")

PERFORMANCE DATA



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MATERIAL

Part description	Material
Motor	1/30 HP
Discharge	3/8" OD barbed
Housing/Tank Cover	ABS
Volute	ABS
Tank	ABS
Impeller	Glass filled polypropylene
Check Valve	Acetal

Version		Q = DELIVERY					
Input Voltage	Hz	l/h 0	35	135	210	245	280
		US GPM 0	0.15	0.6	0.92	1.1	1.23
		H = TOTAL HEAD METRES COLUMN OF WATER [m]					
230	50	4.3	4	3	2	1	-

Note: l/h (GPM) is through check valve.