

# VCMX-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

- External test/run lever
- Slim footprint
- Vertical centrifugal pump design
- Stainless steel motor shaft
- Automatic start and stop operation
- Galvanized steel “quick install” wall mount bracket
- Some models equipped with external, float 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 1/4-turn quick release, locking discharge adapter with built-in check valve
- Rubber feet for vibration/noise dampening
- “Anti-sweat” tank sleeve included on select models and available separately for all others
- 3 - 1-1/8" diameter inlet openings, two fitted with removable cap plug (3 + 1 inlet openings for models without overflow detection switch)
- Recessed tank sump
- Oil resistant tank and check valve
- Thermally protected, fan cooled motor
- Maximum water temperature: 60 °C
- 1.8 m (6') cable with plug
- Some models include 20' x 3/8" I.D. vinyl discharge tubing



VCMX-20



VCMX-20S

## SPECIFICATIONS

NXTGen™													
Code	Model	HP	Input Voltage	Hz	Amps	Watts	Discharge Size	Check Valve	Overflow Detection Switch	Shut-Off [m]	Bar	Cord	Weight [kg]
554533	VCMX-20	1/30	230	50	0.6	60	3/8" (9.5 mm)	Yes	No	4.8 (15.7')	0.47	1.8 m (6')	2.5 (5.5 lbs)
554532	VCMX-20S	1/30	230	50	0.6	60	3/8" (9.5 mm)	Yes	Yes	4.8 (15.7')	0.47	1.8 m (6')	2.5 (5.5 lbs)
554500	VCMX-20S	1/30	230	50	0.6	60	3/8" (9.5 mm)	Yes	Yes	4.8 (15.7')	0.47	3 m (9.8')	2.7 (6 lbs)
554541	VCMX-20S-C	1/30	230	50	0.6	60	3/8" (9.5 mm)	Yes	Yes	4.8 (15.7')	0.47	3 m (9.8')	2.7 (6 lbs)

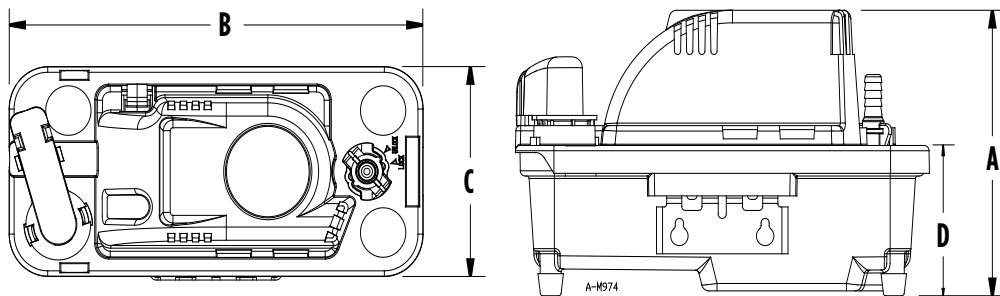


## SPARE PARTS & KITS

Part description	Code
<b>Tank</b>	154390
<b>Feet, Rubber</b> (554533, 554532, 554500, 554541)	925047
<b>Check Valve, 3/8"</b>	154724
<b>Overflow Detection Switch Assembly</b> (554533, 554532, 554500, 554541)	599136

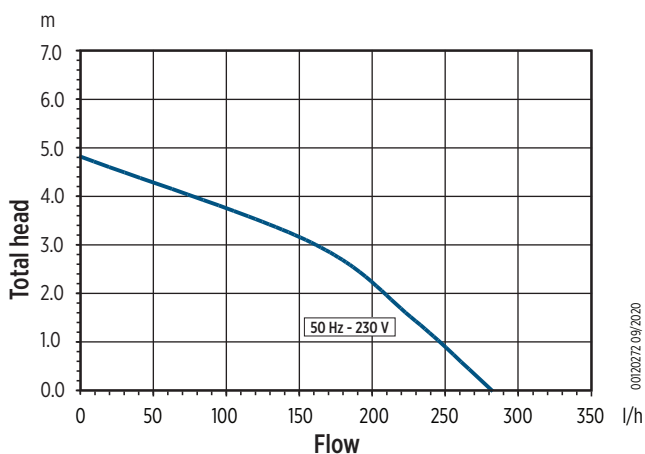
Part description	Code
<b>Anti-sweat Sleeve and Bracket (554541)</b>	599138
<b>Bracket, Tank</b> (554533, 554532, 554500, 554541)	154483

## DIMENSIONS



Model	A	B	C	D
VCMX-20	165 mm (6.5")	259 mm (10.2")	122 mm (4.8")	86.5 mm (3.4")
VCMX-20S	165 mm (6.5")	259 mm (10.2")	122 mm (4.8")	86.5 mm (3.4")
VCMX-20S	165 mm (6.5")	259 mm (10.2")	122 mm (4.8")	86.5 mm (3.4")

## PERFORMANCE DATA



00102027.09/2020

Version		Q = DELIVERY					
Input Voltage	Hz	l/h 0	75	160	210	245	280
		US GPM 0	0.33	0.7	0.92	1.1	1.23
H = TOTAL HEAD METRES COLUMN OF WATER [m]							
230	50	4.8	4	3	2	1	-

## MATERIAL

Part description	Material
<b>Housing/Tank Cover</b>	ABS
<b>Motor Cover</b>	ABS
<b>Volute</b>	ABS
<b>Tank</b>	Polypropylene
<b>Impeller</b>	Polypropylene
<b>Switch Float</b>	ABS
<b>Check Valve</b>	Acetal