VCMX

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 ¼-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: 140 °F
- 6', 3-conductor cable with grounded 3-prong plug
- Some models include 20' x 3/8" I.D. vinyl discharge tubing
- 3-year warranty



VCMX-20ULS



VCMX-20ULST



VCMX-20UL



VCMX-20ULS-C

All Models

SERIES SPECIFICATIONS

NXTGEN™

Item No.	Model	HP	Input Voltage	Hz	Amps	Watts	Discharge Size	Check Valve	Overflow Detection Switch	Performance GPH (LPH) @ Head					Shut-Off Ft.	PSI	Cord	Weight (lbs)
										1′	5′	10′	15′	20′				
554520	VCMX-20UL	1/30	115	60	1.5	93	3/8" (9.5 mm)	3/8" (9.5 mm)	No	84 (318.4)	75 (284.3)	60 (227.4)	42 (159.2)	10 (37.9)	21 (6.4 m)	9.1	6′ (1.8 m)	5.5 (2.5 Kg)
554521	VCMX-20UL	1/30	230	50/60	0.7/0.6	75	3/8" (9.5 mm)	3/8" (9.5 mm)	No	78 (295.6)	67 (253.9)	51 (193.3)	29 (109.9)	0 (0)	20 (6.1 m)	8.2	6′ (1.8 m)	5.5 (2.5 Kg)
554530	VCMX-20ULS	1/30	115	60	1.5	93	3/8" (9.5 mm)	3/8" (9.5 mm)	Yes	84 (318.4)	75 (284.3)	60 (227.4)	42 (159.2)	10 (37.9)	21 (6.4 m)	9.1	6′ (1.8 m)	5.5 (2.5 Kg)
554531	VCMX-20ULS	1/30	230	50/60	0.7/0.6	75	3/8" (9.5 mm)	3/8" (9.5 mm)	Yes	78 (295.6)	67 (253.9)	51 (193.3)	29 (109.9)	0 (0)	20 (6.1 m)	8.2	6′ (1.8 m)	5.5 (2.5 Kg)

NXTGEN™ with Tubing

Item No.	Model	HP	Input Voltage	Hz	Amps	Watts	Discharge Size	Check Valve	Overflow Detection Switch	Performance GPH (LPH) @ Head					Shut-Off Ft.	PSI	Cord	Weight (lbs)
										1′	5′	10′	15′	20′				
554550	VCMX-20ULST	1/30	115	60	1.5	93	3/8" (9.5 mm)	3/8" (9.5 mm)	Yes	84 (318.4)	75 (284.3)	60 (227.4)	42 (159.2)	10 (37.9)	21 (6.4 m)	9.1	6′ (1.8 m)	5.5 (2.5 Kg)
554551	VCMX-20ULST	1/30	230	50/60	0.7/0.6	75	3/8" (9.5 mm)	3/8" (9.5 mm)	Yes	80 (303.2)	69 (261.5)	54 (204.7)	36 (136.4)	0 (0)	20 (6.1 m)	8.2	6′ (1.8 m)	5.5 (2.5 Kg)

NXTGEN™ with Anti-Sweat Sleeve

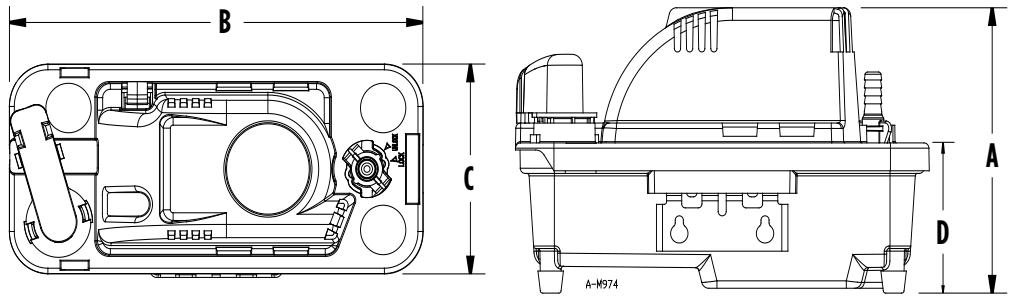
Item No.	Model	HP	Input Voltage	Hz	Amps	Watts	Discharge Size	Check Valve	Overflow Detection Switch	Performance GPH (LPH) @ Head					Shut-Off Ft.	PSI	Cord	Weight (lbs)
										1′	5′	10′	15′	20′				
554542	VCMX-20ULS-C	1/30	115	60	1.5	93	3/8" (9.5 mm)	3/8" (9.5 mm)	Yes	84 (318.4)	75 (284.3)	60 (227.4)	42 (159.2)	10 (37.9)	21 (6.4 m)	9.1	6′ (1.8 m)	5.5 (2.5 Kg)

VCMX

REPLACEMENT PARTS & KITS

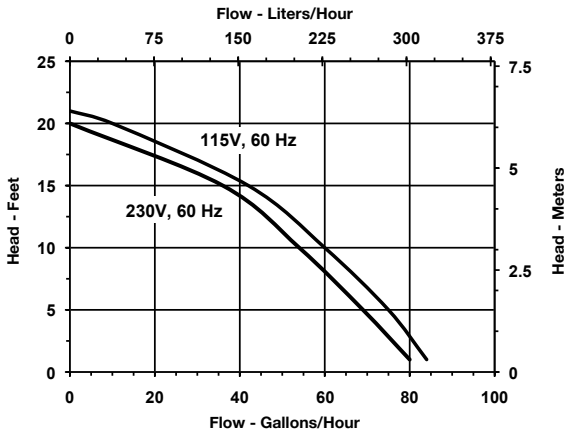
Item	Part Number
Tank	154390
Feet, Rubber (4 pack 554520, 554530, 554550, 554551, 554521, 554531)	925047
Cover, Motor	154425
Overflow Detection Switch Assembly (554530, 554550, 554551, 554542, 554531)	599136
Anti-sweat Sleeve and Bracket (554542)	599138
Bracket, Tank (554520, 554530, 554550, 554551, 554521, 554531)	154483

ENGINEERING DATA



Model	A	B	C	D
VCMX-20UL	6.5" (165.1mm)	10.2" (259.1 mm)	4.8" (121.9 mm)	3.4" (86.4 mm)
VCMX-20ULS	6.5" (165.1mm)	10.2" (259.1 mm)	4.8" (121.9 mm)	3.4" (86.4 mm)
VCMX-20ULST	6.5" (165.1mm)	10.2" (259.1 mm)	4.8" (121.9 mm)	3.4" (86.4 mm)
VCMX-20ULS-C	6.8" (172.7mm)	10.3" (261.6 mm)	5.1" (129.5 mm)	3.4" (86.4 mm)

PERFORMANCE DATA



CONSTRUCTION

Housing/Tank Cover	ABS
Motor Cover	ABS
Volute	ABS
Tank	Polypropylene
Impeller	Polypropylene
Switch Float	ABS
Check Valve	Acetal