# Little GIANT.

#### **VCL-14 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 gallon collection tank
- 1/50 hp, fan cooled, concentric motor
- Vertical centrifugal pump design
- Stainless steel motor shaft
- Automatic start and stop operation
- Includes float (solid polymer) activated switch for automatic high-level water detection (overflow detection switch)
- Overflow detection switch: dual function NO and NC operation (set to NO from factory for equipment shut down connection)
- Overflow detection switch includes two 5" switch lead wires
- 3/8" barbed discharge adapter (for use with 3/8" I.D. vinyl tubing)\*
- \*Optional check valve adapter for 3/8" vinyl tubing sold separately (Part Number 599065)
- \*Optional check valve for 3/8" copper tube sold separately (Part Number 599063)
- Two 1-1/8" diameter inlet openings
- Thermally protected
- Maximum water temperature: 120 °F
- 6 ft, 3-conductor cable with grounded 3-prong plug

#### SERIES SPECIFICATIONS

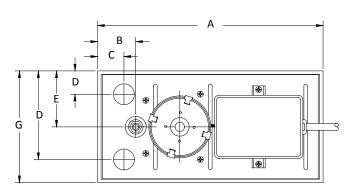
	Itam Na	Model	НР	Input Voltage	Hz	Amps (FLA)	Watts (kW)	Discharge Size	Performance GPH (LPH) @ Head				Shut-Off	DCI	Count	MAZ CORRECTION
	Item No.								1′	3'	5′	10'	Ft.	P31	Cord	Weight (lbs)
ſ	553101	VCL-14ULS	1/50	115	60	1.0	78	3/8" (9.5 mm) OD Barbed	200 (758)	185 (701)	170 (644.3)	125 (473.8)	14 (4.3 m)	6.1	6 (1.8 m)	6.8 (3.08 Kg)

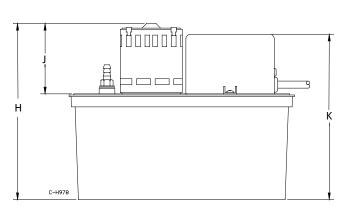
#### VCL-14 SERIES

# REPLACEMENT PARTS & KITS

Item	Part Number
Tank	153502
Cover, Volute	153110
Impeller	153132
Adapter, 3/8"	153300
Seal Ring	924038
Switch, Pump	950337
Overflow Detection Switch	950333

# **ENGINEERING DATA**

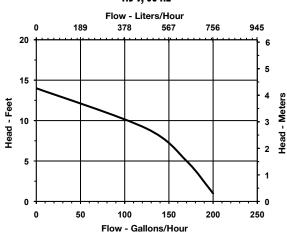




А	В	С	D	Е	F		Н		K
12.1 (307.34)	2.04 (51.82)	1.4 (35.56)	1.25 (31.75)	3 (76.2)	4.75 (120.65)	6 (152.4)	9.46 (240.28)	3.78 (96.01)	8.88 (225.55)

#### PERFORMANCE DATA

#### 115 V, 60 HZ



# CONSTRUCTION

Motor	1/50 hp				
Discharge	3/8" OD barbed				
Pump Housing	ABS				
Switch Housing	ABS				
Tank	ABS				
Tank Cover	Galvanized Steel				
Motor Shaft	Stainless Steel				
Impeller	Polypropylene				
Discharge Adapter	Acetal				