HVAC

VCC-20 Series



C US

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 equipment

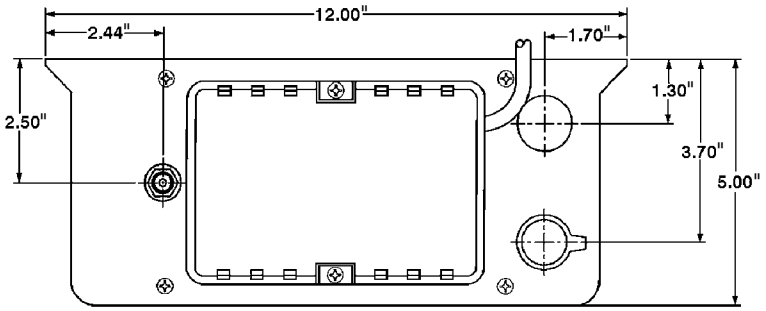
Features

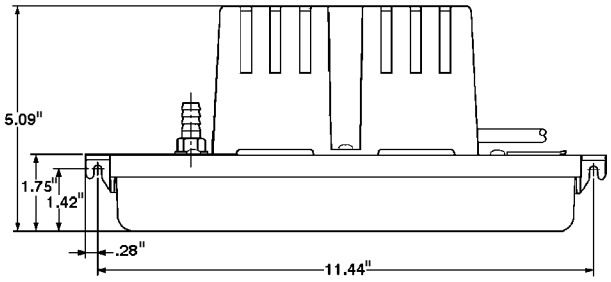
- Low profile for limited spaces
- Vertical centrifugal pump design
- Automatic start, stop and high level water detection (safety overflow switch)
- 3/8" O.D. barbed discharge adapter with built-in check valve (installed on the pump)
- 1/4" O.D. barbed discharge adapter (included in the box)
- Two inlet openings (one 1.0" and one 1-1/8" diameter)
- Safety overflow float activated switch
- Two 5" safety overflow switch lead wires
- Thermally protected, fan cooled motor
- Built-in wall mount tabs
- Intermittent liquid temperature up to 120 °F
- 20' shut-off head
- 6 ft, 3-conductor cable with grounded 3-prong plug (115 V and 230 V models)

Construction

- Motor — 1/30 hp
- Discharge — 3/8" O.D. barbed
- Housing/tank cover — ABS
- Motor Cover — ABS
- Volute — ABS
- Tank — ABS
- Impeller — Glass filled polypropylene
- Check valve — Acetal

Engineering Data





Specifications

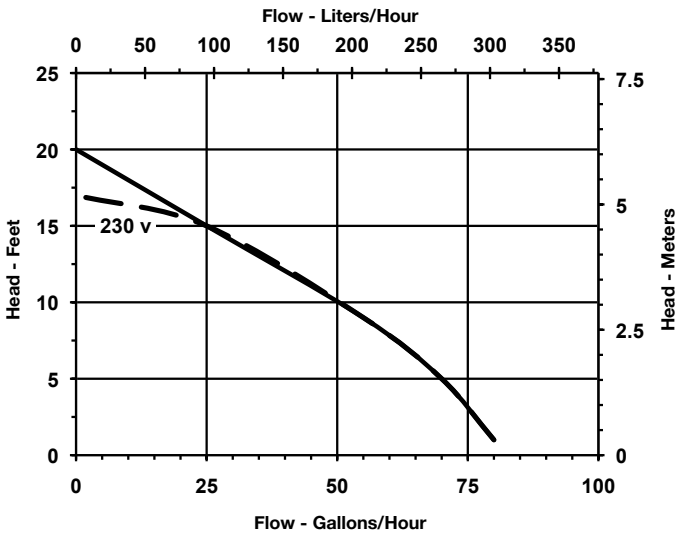
Item No.	Model No.	Discharge Size	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)				Shutoff		Cord Length (ft)	Weight (lbs)
								1'	5'	10'	20'	Ft	PSI		
554200	VCC-20ULS	3/8" OD Barbed	1/30	115	60	1.5	93	80	70	45	0	20	8.6	6	5.40
554210		3/8" OD Barbed	1/30	230	50/60	0.6	75	80	70	45	0	17	7.4	6	5.40

NOTE: GPH is through check valve.

Replacement Parts

Item	Part Number
Tank	154004
Impeller	154009
Volute	154015
Cover, motor	154006
Check valve	154715
Switch pump	950337
Seal ring	928006
Safety switch	154714
Float/stem	154017
Adapter, 1/4"	154037

Performance Data



Franklin Electric

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Little GIANT®

VCC-20-P SERIES

APPLICATIONS

- Designed for automatic collection and removal of condensate from air conditioning, refrigeration, and dehumidification equipment installed in air handling and plenum applications having limited space and where gravity drainage is not possible or practical.
- The VCC-20-P is constructed with plastics that have been tested by Underwriter's Laboratories' to UL Standard 2043 "Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air Handling Spaces".



FEATURES

- The pump meets the requirements of UL 2043 and is labeled "For Plenum Applications".
- 1/30 hp motor
- 1-3/4" low profile tank height ideal for tight spaces
- Vertical centrifugal pump design
- 1.2 quart (1.1 liters) capacity tank
- Automatic start and stop switch
- 3/8" O.D. barbed discharge adapter with built-in check valve (installed on the pump)
- 1-1/8" diameter inlet
- Float-activated auxiliary high-level switch
  - Two 72" high-level switch lead wires
- Thermally protected, fan-cooled motor
- Intermittent liquid temperature up to 140 °F
- 20' shut-off head (115 V model)
- Designed for hard-wire installation only
- 72" 3-conductor lead wires with conduit fitting for ½" diameter flexible metal conduit
- Stainless motor shaft
- cCSAus listed

SERIES SPECIFICATIONS

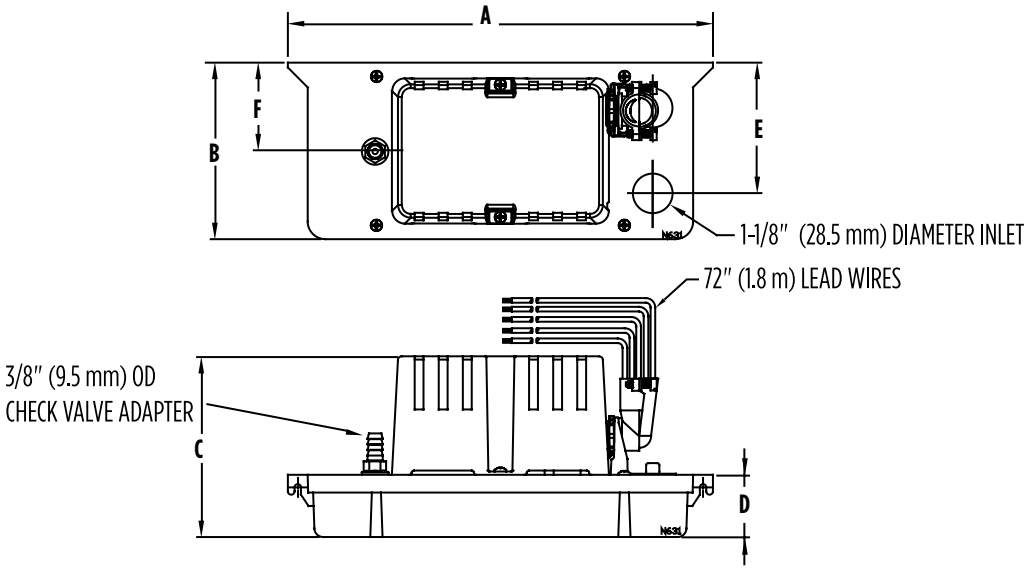
Item No.	Model No.	HP	Volts	Hz	Amps	Watts	Performance (GPH at Head)			Shut-Off (ft)	PSI	Weight
							1'	5'	10'			
554220101	VCC-20-P	1/30	115	60	1.5	93	80	70	45	20'	8.6	4.5 lbs/2.05 kg
554220102	VCC-20-P	1/30	230	50/60	0.6/0.5	60	80	70	45	17'	7.4	4.5 lbs/2.05 kg

Note: GPH is through check valve

Franklin Electric

VCC-20-P SERIES

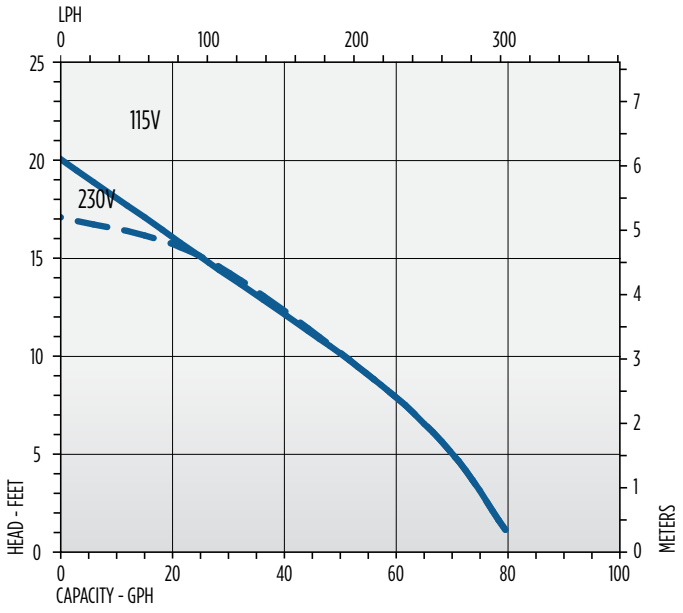
ENGINEERING DATA



A	B	C	D	E	F
12" (304.8 mm)	5" (127 mm)	5.09" (129.31 mm)	1.75" (44.6 mm)	3.70" (93.9 mm)	2.50" (63.5mm)

PERFORMANCE

VCC-20-P 115 V and 230 V, 60 Hz



CONSTRUCTION

Tank	G.F. Polypropylene
Tank Cover	G.F. Polypropylene
Motor/Switch Cover	G.F. Polypropylene
Volute Cover	G.F. Polypropylene
Impeller	G.F. Polypropylene
Volute Cover Seal Ring	EPDM
Check Valve /Adapter	Acetal
Motor Shaft	Stainless Steel
Fasteners	Stainless Steel