

Product

ClearVue™ Mini Pump

Application

Ductless (mini-split) systems

Purpose

This product is designed to automatically pump condensate produced by ductless (mini-split) systems. It provides head height lift up to 35' (10m) once the level of condensate in the tank reaches a specified level.



Advantages

ClearVue™ Mini is the ideal condensate pump for ductless (mini-split) systems. Its compact size helps it fit almost anywhere including inside many wall cassette units and inside line set cover systems. And the whisper quiet operation makes it easy to live with even when the pump is installed near living areas.

Variable Lift:

The variable lift in ClearVue™ Mini assures that the pump is running only as fast as is needed to lift the condensate water to the height needed.

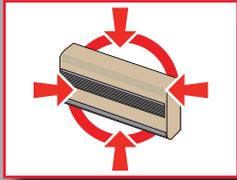
Floatless Sensor™ :

DiversiTech's patent pending Floatless Sensor™ eliminates many of the mechanical problems associated with conventional condensate pumps.

STOCK NO	DESCRIPTION	LIFT	UPC	OM
CVMINI	ClearVue™ Mini condensate pump	35' (10m)	0095247131389	6

Dual Voltage	
Rated Voltage/Freq.	120/240 Volts 50/60 Hz
Rated Current Draw	1.0 Amps
AC Cable	3 Cond. Jacketed Flex. PVC
Head Height	10m/35' maximum
Flow Rate at Zero Head	500mL/16.91oz/min 8 gallons/hr
Maximum Rated Inlet Flow Rate	100mL/3.38oz/min
Temperature Rating	Continuous duty 60°C/140°F Max
Suction Lift	2m/6.5'*
Safety Switch	5A at 230VAC
Product Dimensions	8.6cm x 4cm x 4.7cm (3.38" x 1.57" x 1.84")
Product Weight	.5kg/1.1 lbs.
Inlet Height from Base	1.3cm/0.5"
Included Accessories	<ul style="list-style-type: none"> • ClearVue Mini pump and tank • 20.3cm/8" large flexible tubing • 15.2cm/6" small .5cm / 3/16" ID flexible vent tubing • 1.82m/6' small .5cm / 3/16" I.D. flexible tubing • 1.82m/6' AC cable, safety switch cable and sensor cable • Instruction booklet • Hook and loop strips • Wire ties
Wiring Color References	Brown - Hot 120v/hot 240v Blue - Neutral 120v/hot 240v Green/yellow - Ground
Decibel Rating	@35ml/min 19dB @250 ml/min 24dB @500 ml/min 28.4dB
All installations must conform to NEC and local code requirements	

*Performs best at 3'. Pump must be primed in order to provide maximum suction lift.



Flexible Installation

ClearVue™ Mini is compact – only 3-1/2" x 2" x 3". It fits almost anywhere including inside a line set cover, inside the wall cassette unit (on some cassette models), and easily installs in the ceiling or behind a wall. ClearVue™ Mini features suction lift of up to 6.5'.



Built-in Overflow Switch

ClearVue™ Mini also include a built-in overflow switch that shuts down the compressor in case of clogged line. This prevents damage to equipment or the environment.



Rubber Mounting Pad

The molded rubber mounting pad lets ClearVue™ Mini mount to vertical or horizontal surfaces, or to copper refrigerant lines with cable ties. The rubber pad also decreases sound and vibration for quiet operation.



Multiple Voltages

ClearVue™ Mini can be powered with any voltage from 120 to 240V, 50 or 60 Hz. With one product suitable for multiple voltages, there is no need to stock separate SKUs for different voltages.



2 Year Warranty

ClearVue™ Mini has a dependable, extended 2 year warranty.

About DiversiTech

DiversiTech Corporation is North America's largest manufacturer of equipment pads and a leading manufacturer and supplier of components and related products for the heating, ventilating, air conditioning, and refrigeration (HVACR) industry.

Headquartered in the Atlanta, GA metropolitan area, DiversiTech manufactures a suite of products which includes a wide range of mechanical, electrical, chemical, and structural parts for HVACR and electrical systems, and swimming pool installations. The company maintains manufacturing and distribution facilities in key U.S. locations, Europe, and in the Far East. DiversiTech has enjoyed a continued history of successful growth and has acquired industry-recognized names including Devco® Enterprises, Wagner® Manufacturing, The Black Pad®, Hef-T-Pad™ and Specialty Chemical.

CLEARVUE™ MINI PUMP



Download an electronic version of this brochure at:
www.diversitech.com/literature/lit-fly-cvmini.pdf

DiversiTech Corporation
6650 Sugarloaf Parkway
Duluth, GA 30097
800.995.2222
678.542.3700 FAX
www.diversitech.com

©2011 DiversiTech Corporation
LIT-FLY-CVMINI, 12/11



ClearVue™ Mini

ClearVue™ Mini is the newest innovation in ductless system pumps from DiversiTech. It's small, quiet and offers a host of unique features that help it outperform other mini-split pumps. Its whisper quiet operation makes it ideal for installing in and around living areas. And its small size allows ClearVue™ Mini to be installed almost anywhere including inside many cassette units or inside a line set cover system.



And just like the original ClearVue™ and ClearVueKübe™ pumps, ClearVue™ Mini features iQ Technology™ and Floatless Sensor™ technology that help the pump think and respond to changing conditions. ClearVue™ Mini adjusts its speed and lift based on how much condensate is being produced, helping it operate more efficiently and with less noise. And with no mechanical float to foul or get stuck, ClearVue™ Mini is ultra reliable. **No float, no problems!**

FLOATLESS SENSOR™

Features and Benefits of the ClearVue™ Mini Pump



iQ Technology™

iQ Technology™ provides ClearVue™ Mini with its brainpower and unique ability to adapt to changing conditions. iQ Technology™ determines how fast ClearVue™ Mini needs to pump in a given installation, then pumps only to that height.



Floatless Sensor™ Technology

No float, no problem! ClearVue™ Mini's Floatless Sensor™ eliminates many of the typical problems associated with conventional condensate pumps. By eliminating the float, ClearVue™ Mini won't fail like conventional float-switch pumps.

ClearVue™ Mini uses Floatless Sensor™ technology in different levels in the tank to provide the most accurate water level information to the pump's brain. And better information means a better pump. ClearVue™ Mini's Floatless Sensor™ technology tells it how high the water is in the tank and how fast the inflow is. ClearVue™ Mini then uses this information to adjust its pump speed and lift to keep the tank clear and the system running properly.



Super Quiet Operation

With iQ Technology™ ClearVue™ Mini is nearly inaudible. You literally can hardly hear the pump run. This quiet operation allows maximum installation flexibility, as you can place the pump right in the room where people are.



LED Lights

ClearVue™ Mini features three LED indicator lights: Power, Run and Alarm. The LED lights tell you what mode the pump is in at any given time.



Separate Tank

ClearVue™ Mini features a separate tank that can be located away from pump if needed, providing a more flexible installation. This small tank fits inside most indoor cassettes.



Aluminum Pump Housing

ClearVue™ Mini features an aluminum housing that is built to last. This tough housing protects the pump from physical damage and contributes to the super quiet operation of the pump.



NO FLOAT, NO PROBLEMS