

High Level Alarm

The ClearVueKübe™ high level alarm connections are made with the 3 color coded wire leads. Connecting the common and run terminals in the call for cool wire from the thermostat enables ClearVueKübe's capability to shut down the cooling system if there is a high level alarm. Connecting the common and alarm contacts to an external alarm enables ClearVueKübe's capability to trigger an external alarm, such as DiversiTech's Universal Alarm (UA-1).

Installing

ClearVueKübe™ can easily be installed as part of Speedi-Channel or other line set cover systems. Its small size makes it an easy add-on either under the mini-split unit or just under the line set. ClearVueKübe™ includes a mounting bracket and several different shrouds are available to conceal the pump and help it blend in with the line set cover.



iQ Technology™



iQ Technology™ provides ClearVueKübe™ with its brainpower and unique ability to adapt to changing conditions. iQ Technology™ determines how fast ClearVueKübe™ needs to pump in a given installation, then pumps only to that height. If there is a partial clog in the drain line, ClearVueKübe™ senses the problem and pumps a little harder to compensate for the clog. If the clog doesn't clear, ClearVueKübe™ enters its cleaning cycle and pulses the discharge water to try to dislodge the clog.

Floatless Sensor™



No float, no problems. That's what ClearVueKübe's new Floatless Sensor™ will provide you and your customers. Conventional pumps use an electro-mechanical float switch to turn the condensate pump on and off and to detect a potential overflow condition. Float switches are prone to mechanical failure including debris fouling, sunken floats, and misalignment. ClearVueKübe's Floatless Sensor™ eliminates many of the typical problems associated with conventional condensate pumps. By eliminating the float, ClearVueKübe™ won't fail like conventional float switch pumps.



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.

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ClearVueKübe™



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About ClearVueKübe™

The new ClearVueKübe™ condensate pump is the answer for ductless systems. Featuring a whisper quiet motor and small footprint, the Kübe is the ideal solution for handling condensate issues. ClearVueKübe™ is designed for mini-split systems and includes a host of innovative features, all packed into a super quiet, super small pump that fits almost anywhere.

ClearVueKübe™ is small (only 4" long x 2.5" wide x 6" high) and is designed to fit inside ductless system trunking or directly under the unit itself. Don't let its small size fool you though. ClearVueKübe™ features a powerful motor that provides up to 15 feet of lift to pump condensate up and out of the way. And it can pump up to 66 gallons per hour (GPH) to handle even the toughest condensate problems. And ClearVueKübe™ is not like your typical ductless system pumps. Typical solenoid/piston pumps can be noisy and are prone to clogging and flooding. ClearVueKübe™ is an entirely different technology. ClearVueKübe™ uses iQ Technology™ which gives it the ability to "think" and adapt to changing conditions. It's not just off or on like a regular pump. ClearVueKübe™ senses how much condensate water is in the tank and its rate of inflow and adjusts its speed and lift to match the conditions and keep the tank clear. And this variable speed motor means ClearVueKübe™ pumps only as fast as needed, reducing noise and making ClearVueKübe™ the quietest pump available.

ClearVueKübe™ is also much quieter and easy to live with. With its Floatless Sensor™ technology, ClearVueKübe™ doesn't have the usual problems associated with other pumps. No more stuck floats or misaligned contacts to cause problems and potential damage. ClearVueKübe™ uses Floatless Sensor™ technology to detect the water level in the tank and make the right decision about what to do next.

And ClearVueKübe™ includes several different installation options for the ductless system so it can fit easily in any installation.

Self-Cleaning

ClearVueKübe™ can even sense a blockage in the drain line and work to clear it. If it senses a clog, ClearVueKübe™ uses existing water in the lines to create a pulsing-action within the drain line. This pulsing mode continues for several minutes to try and clear the blockage. If ClearVueKübe™ is successful in clearing the drain line clog, it restarts the cooling system and returns to normal functioning. If ClearVueKübe™ is not able to clear a very stubborn clog, ClearVueKübe™ will remain in the high level alarm condition and keep the unit in the off position.

Cleaning Function - Automatic and Manual

ClearVueKübe™ will periodically enter a routine cleaning cycle to reduce the potential for a drain line clog. This cycle pulses water in the drain line and agitates the water in the tank in order to prevent buildup of algae and other organic materials. If desired, a manual cleaning cycle can be started by pressing the Clean button. The cleaning cycle will begin automatically when there is sufficient water in the tank.

At the end of the cooling season, ClearVueKübe™ detects the lack of new condensate and empties the tank almost completely, thus eliminating a significant source of algae growth and future startup problems. ClearVueKübe™ even senses when water has remained stagnant in the tank for extended periods of time, and will run a complete tank drain to reduce buildup and slime growth in the tank. Additionally, a manual drain cycle can be run at any time by pressing the button on the tank.



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Ductless System Condensate Pump Selector

