

EZ❖TRAP

Product overview

ASPEN PUMPS

In January, 2004 , EZTRAP became the exclusive USA importer and distributor of the condensate pumps produced by ASPEN PUMPS LTD of Hailsham, East Sussex, United Kingdom.

The range currently consists of the following types:

MINI ORANGE

This is the range of miniaturized piston type pumps which are primarily used in Minisplit airconditioners, and in some applications in ducted splits, PTAC's and even window units, where space is restricted.

They are split type where the pump and the water level sensor/reservoir are separate units and are connected together with a communication cable as well as an intake tube which feeds the condensate water into the pump.

The sensor unit/reservoir is usually installed inside the drainpan, or in the case of Minisplit units, connected directly to the condensate drain hose inside the evaporator.

In a ducted AC system, the pump unit is usually installed elsewhere in the airhandler.

In a Minisplit evaporator, it is sometimes installed inside the evaporator casing if space permits, but is usually attached to the linesets just next to the evaporator or is placed overhead in the attic.

MINI ORANGE pumps include the following features:

Transparent sensor/reservoir housing facilitates inspection, includes a stainless steel mesh filter which is easily removable for cleaning, and disassembles easily to facilitate inspection, cleaning and maintenance.

Each pump is supplied with 2 sensor /reservoir housings, one of which has a male 5/8" (16mm.) nipple for direct connection to the 5/8" (16 mm.) drain outlet hose of a typical Minisplit unit.

The other has a rectangular hole in it's side to permit water entrance and is intended for use in a flat drain pan where there is no drain hose.

The sensor assembly can easily be clipped onto whichever of these housing/reservoirs is used and the unused one can be discarded.

The sensor/reservoir housing incorporates a clip on electronic hall effect water level sensor with a quick connect telephone type jack to facilitate installation and removal. It also includes volt free NO & NC contacts rated at 5 amp inductive and 8 amp resistive at line voltage.

These contacts will energize the pump on rise of water level, however, if water level continues to rise because water is not being evacuated for any reason, they will cut power to pump and evaporator and energize an optional audio/visual alarm, if fitted.

The pump is self priming, operates automatically on water rise, has a capacity of 0.8 GPH. @ 26 foot head, operates at a maximum of 33 DB(A) and is rated for units up to 24,000 btu/hr.

It is also thermally protected, potted for water resistance, incorporates a single water resistant modular 6 pin push-on electrical terminal for both primary power and alarm wires to facilitate installation and removal and is ETL listed.

Kit includes pump, 2 reservoirs, sensor unit, inlet and discharge hose, 6' power/alarm cable assembly, 2 self adhesive Velcro mounting strips, 4 cable ties and a bilingual English/Spanish installation manual.

2 models are currently available as follows:

ASP-MO-115 Complete pump and sensor package in 115 volt, 60 Hz.

ASP-MO-230 Complete pump and sensor package in 230 volt, 60Hz.

MINI LIME

This is the range of MONOBLOCK MINIATURE CONDENSATE PUMPS which incorporate both pump and water level sensor in 1 assembly.

This patented pump is intended primarily for Minisplits and is supplied as part of a complete package which includes a PVC elbow in which the pump itself is mounted as well as a PVC lineset cover assembly which is surface mounted next to the evaporator and conceals the pump, lineset, drainhoses and wiring.

It can be surface mounted on either side of the Minisplit evaporator and provides easy access to check and/or service the pump without opening the evaporator or go into the attic.

The elbow and lineset cover both have removable covers which provide easy access for installation, checking and maintenance of the pump unit and/or the drainhoses, wiring or linesets.

The pump and water level sensor are consolidated into one single unit in which the pump is mounted directly above the sensor housing/reservoir which is transparent to facilitate inspection.

The sensor housing/reservoir disassembles easily from the pump to facilitate cleaning and maintenance and includes a stainless steel mesh filter which easily removable for cleaning.

It also includes volt free NO & NC contacts rated at 5 amp inductive and 8 amp resistive at line voltage.

These contacts will energize the pump on rise of water level, however, if the water level continues to rise because water is not being evacuated for any reason, they will cut power to pump and evaporator and will energize an optional audio/visual alarm, if fitted.

The pump is self priming and self levelling, operates automatically on water rise, has a capacity of 0.8 GPH. @ 26 foot head, operates extremely quietly at 23 DB(A) and is rated for Minisplits up to 30,000 btu/hr.

The pump is thermally protected, potted for water resistance, includes waterproof termination of electrical and alarm wiring and is UL listed.

The MINILIME pump is also available in stripped down form (MLOEM) without the lineset cover assembly for those installations where the pump is not surface mounted.

Kit includes pump/cable assembly, PVC elbow and lineset cover, ceiling flashing, inlet and discharge hose, wallplugs and screws and a bilingual English/Spanish installation manual.

8 different models are currently available as follows:

ASP- ML- 115	Uses ASPEN SLIMLINE lineset cover only, accepts up to 3/8" + 5/8" linesets only, 115 volt, 60Hz.
ASP-ML- 230	Uses ASPEN SLIMLINE lineset cover only, accepts up to 3/8" + 5/8" linesets only, 230 volt, 60Hz.
ASP-MLS-115	Is compatible with SLIMDUCT SD77 & LINEHIDE CD75 lineset covers, accepts up to 1/2" + 3/4" linesets only, 115 volt, 60Hz.
ASP-MLS-230	Is compatible with SLIMDUCT SD77 & LINEHIDE CD75 lineset covers, accepts up to 1/2" + 3/4" linesets only, 230 volt, 60Hz.

- ASP-MLA-115** Is compatible with SLIMDUCT AD75 lineset covers, accepts up to 1/2" + 3/4" linesets only, 115 volt, 60Hz. Available late 2005.
- ASP-MLA-230** Is compatible with SLIMDUCT AD75 lineset covers, accepts up to 1/2" + 3/4" linesets only, 230 volt, 60Hz. Available late 2005.
- ASP-MLOEM-115** Bare pump/sensor unit only without lineset cover kit. 115 volt 60 Hz.
- ASP-MLOEM-230** Bare pump/sensor unit only without lineset cover kit. 230 volt 60 Hz.

TANK PUMPS

These are our range of conventional, tank type condensate pumps as commonly used in the HVACR industry.

While they are similar in appearance to most other pumps on the market, all ASPEN pump models offer 3 features which are currently not available from any of the other manufacturers:

TRANSPARENT DECK - Facilitates inspection inspection and cleaning.

MODULAR ELECTRICAL CONNECTION AT PUMP - Permits easy removal for service or repairs without having to disconnect the wiring.

INTEGRAL UNIVERSAL WALL BRACKET - Facilitates wall mounting of the pump and eliminates requirement for a separate wall mount bracket.

They are available in 2 tank sizes, 1 liter (0.3 gallon) and 2 liter (0.6 gallon).

Basic models are float operated but do not include an overflow safety switch and are rated at 75 gph. @ 15 ft. head.

Deluxe models are also float operated but include overflow safety switches with NO & NC contacts, rated at 4 amp inductive and 8 amp resistive at line voltage. These are rated at 70 gph. @ 20 ft. head.

All models are self priming, thermally protected, include integral check valve, 6 foot plug-in cable, are molded from flame retardant plastic, available in 115 or 220 volt, 60 Hz. and are ETL listed.

8 different models are currently available as follows:

ASP-HFB-1-115 Basic pump, no safety switch, 0.3 gall. Tank, 115 volt,60Hz.

ASP-HFB-1-230 Basic pump, no safety switch, 0.3 gall. Tank, 230 volt,60Hz.

ASP-HFB-2-115 Basic pump, no safety switch, 0.6 gall. Tank, 115 volt,60Hz.

ASP-HFB-2-230 Basic pump, no safety switch, 0.6 gall. Tank, 230 volt,60Hz.

ASP-HFD-1-115 Deluxe pump, with safety switch, 0.3 gall. Tank, 115 volt 60 Hz.

ASP-HFD-1-230 Deluxe pump, with safety switch, 0.3 gall. Tank, 230 volt 60 Hz.

ASP-HFD-2-115 Deluxe pump, with safety switch, 0.6 gall. Tank, 115 volt 60 Hz.

ASP-HFD-2-230 Deluxe pump, with safety switch, 0.6 gall. Tank, 230 volt 60 Hz.

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