

DESCRIPTION

The waterproof model AL-78415 Bath Emergency Station is unique in several respects: *

1. It is a waterproof shower station successfully tested by the Underwriters Laboratories Inc. under their stringent Standard for Safety, 1069. It has been designed and tested for mounting directly in the shower.
2. The AL-78415 utilizes a solid state "Hall Effect" switch which permits the sensing of the position of the external "car" (to show whether the cord is in the normal position or activated). Since no mechanical connection is required, a tough, stable plastic shell completely protects the electronics from water.
3. A safety break-away is incorporated which will release the cord if excessive pull is exerted, such as would occur if the patient became tangled with the cord. In most cases, the cord can be replaced by the nursing staff (without new parts being installed). When the cord releases, the switch is in the activated mode, under all normal circumstances, thereby placing a call.
4. There are no electrical switch contacts to contaminate since the switch is all solid state.

All electronics are sealed behind the membrane and panel. A gasket and "O" rings complete the waterproof seal, thus allowing the direct application of water such as from the shower head. Tile grout seams may require the application of a sealant.

The AL-78415 is interfaced with the MMC system through an associated bedside, staff or duty station or, in the case of stand-alone pullcord stations, through an HPCB-0 Area Control Module.

A variety of system indications (tones, lamps and visual signals) are available depending upon the hospital's specific requirements. See the Call Display Chart (elsewhere) for details.

Besides being used in showers, many hospitals prefer pullcord stations to be used adjacent to toilets in that the cord can reach close to the floor (normally to 6" above the floor), thereby making it relatively easy for a patient who has fallen from the toilet seat to call for help. They also may be used adjacent to tubs, etc.

Care must be exercised by the design engineer in locating all call switches so that they are not exposed to damage from passing gurneys, etc. and so they are not attractive to misuse by patients and non-patient visitors. Contact the Factory if in doubt.



AL-78415 Bath Emergency Station

SPECIFICATIONS

Controls: 1,000 pound test nylon pullcord, 6 feet long with bright red, solid plastic pendant. Requires 1.5 pounds pull to activate. Highly visible 5/32" nomenclature with high contrast, "PULL CORD FOR HELP". Break-away design reduces chances of injury and station damage in case of entanglement by patient.

Indications: Long life call assurance Light Emitting Diode: minimum maintenance.

Faceplate: Single gang injection molded ABS plastic. Supplied with "O" rings and gasket. If sealant is needed, supplied locally.

Backbox: Single gang Steel City #CD or exact equal.

System Connections: PC insulation displacement connector for quick and simple installation.

FEATURES

- Waterproof
- All Solid State
- No Electrical Switches To Corrode Or Break
- Highly Visible Nomenclature
- Calls Cancel At Origin Only
- Built to UL 1069 Standards

*Patent Pending