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STACKING AND STORAGE OF AQUAMONIX FLOW METERS

APPLICATION

Flow tube series 2020, 2030 and 2060.

BACKGROUND

Aquamonix flow meters are delivered strapped and stretch-wrapped on standard shipping pallets. Protective cardboard sheeting is used under the stretch-wrap to protect the flow tubes from light bumping, rubbing and weather conditions during transit and handling. The matching flow transmitter and cabling is placed inside the flow tube.

PROCEDURE

In all cases it is strongly recommended that the following points be observed:

- Meters to be kept in “as shipped” condition until ready for use. ie: remain strapped to pallet with stretch wrap kept intact.
- Meters kept under shelter. While the stretch-wrapping will protect the meters from inclement weather during transit, it is not fully waterproof for continued exposure to weather. Until the meter is installed and the cabling connected via sealed glands into the electronic flow transmitter, the IP rating of the meter is zero.
- Do not stack meters more than one pallet high. Larger meters are shipped one per pallet. Another pallet stacked on top will be unstable, posing an OH&S risk as well as creating a high chance of damage to the product.

Where there are three meters shipped per pallet, these also provide an unstable base for stacking with the same risks as above. IR2030 series meters (“Pit meters”) have a further risk of damage to the sealing face. Due to their lighter construction, the chance of damage is further increased if other meters are stacked on top.

If meters must be stored outside, the following shall be observed:

- Meters to be left in their original, undamaged packaging.
- Any damage to the stretch-wrap to be repaired with waterproof tape.
- Pallet to be stored where water will not pool on the ground.
- Meter and pallet to be covered with waterproof tarpaulin, suitably tethered to stop being blown away in storm conditions.
- Meters to be stored outside for the minimum possible amount of time.

NOTE

Flow transmitters (the “electronic box”) are not water proof until installed with cabling terminated through sealed glands. Until this time, any moisture ingress will damage the unit.