

DRY PIT INSTALLATION



JACKET-COOLED SUBMERSIBLE PUMPS FOR DRY ENVIRONMENTS

AMS, AK(X), AV(X) Series | Discharge 3" - 16"



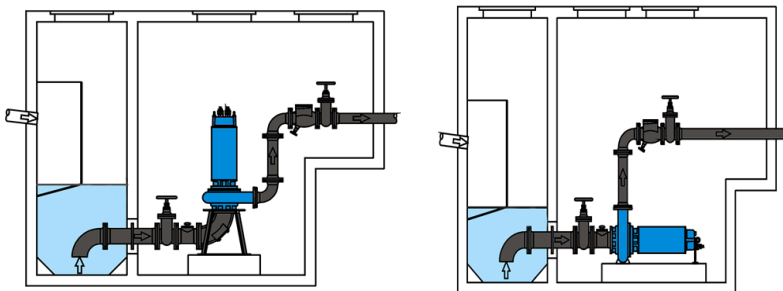
HOMA[®]
PUMP TECHNOLOGY



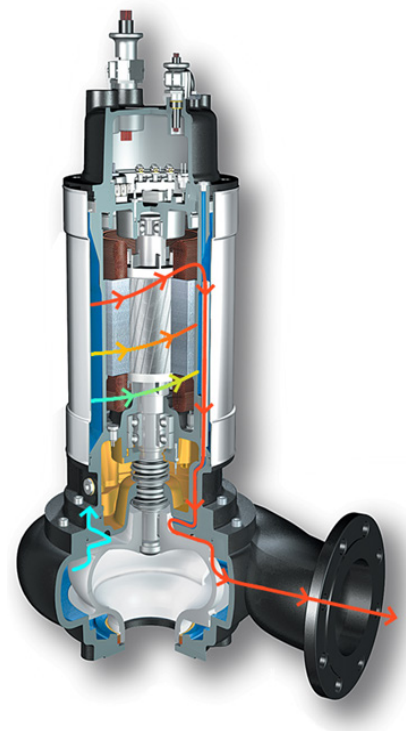
RELIABLE OPERATION IN DRY ENVIRONMENTS

Both wet-pit and dry-pit pump stations are found in wastewater collection systems and wastewater treatment plants. In wet-pit installations, the pump motor can rely on the ambient water for proper cooling. However, in dry-pit installations the pump motor requires some means of auxiliary cooling. This is typically accomplished with a motor cooling jacket

HOMA offers reliable and cost effective options for all dry pit installations as well as wet-pit installations that require pump operation for extended periods with the motor exposed in the air.



Available for both vertical & horizontal installations



Self contained internal cooling system is designed with a clarifying labyrinth to prevent solids from entering the jacket.

EFFTEC DESIGN

With a large cooling cavity above the impeller and surrounding the motor, the HOMA EffTec series pumps equipped with our PermaCool system offer unparalleled performance for small motor applications.

The EffTec Series offers installation flexibility for both wet-pit and dry-pit installations, and application flexibility for residential and commercial wastewater, as well as in wastewater treatment plants for RAS/WAS and scum pump installations.



FLEXIBILITY TO FIT THE APPLICATION



Vertical Installations available with standard or increasing suction elbows with optional cleanout ports, on mounting stands, or for concrete pier installation.



Horizontal Installations are available for areas with height restrictions or installations that would benefit from simplified suction piping. This installation method can increase available NPSH and improve flow characteristics to the pump.



External jacket ports are available for periodic flushing or for external cooling in applications where the pumped fluid is not suitable for cooling, such as high temp applications.





THE HOMA RANGE

- Submersible wastewater pumps
- Submersible grinder pumps
- Dry Pit wastewater pumps
- Submersible effluent pumps
- Sewage ejector pumps
- Mixers and flow generators



BEST IN THE BUSINESS

- Lowest lifetime cost of ownership
- Superior solids handling design
- Minimal routine maintenance
- 3hp-500hp motors
- Explosion Proof options
- Standard temp and leakage sensors



MAINTENANCE CART

For horizontal installations, it can be troublesome to remove the pump and motor from service for maintenance. The horizontal maintenance cart allows for the operator to easily pull the pump motor from the volute, allowing access to the impeller

HOMA Pump Technology

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