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Cooling sleeve kits for Franklin Electric submersible motor pumps

Franklin Electric is expanding its portfolio of accessories and now offers cooling sleeves for all Franklin Electric motors.

The heat loss generated by the submersible motor must be dissipated to the pumped medium by means of convection.

If the minimum cooling speed along the submersible motor cannot be guaranteed, it is mandatory to install a cooling sleeve to generate sufficient cooling. Inadequate cooling can have various causes, such as a well diameter that is too large, the application in “open” water, insufficient flow rate or water inflow from above (top feeding).

To provide cooling, the pump-motor unit is supplemented by a cooling sleeve. This separate „sheet metal jacket” is sealed above the pump inlet. The pumped medium is thus sucked in from below and directed past the motor to dissipate the generated motor heat loss (convection).

Appropriate brackets and inlet strainers are available for horizontal installation.



Components of the cooling jacket kit:



- 1 Cooling sleeve tube (Stainless steel)
- 2 Pump sealing ring (EPDM) with drinking water approval
- 3 Motor spacer
- 4 Pipe clamps
- 5 Filter strainer (accessories)
- 6 Console (accessory for horizontal mounting)

For more technical information about the application of the sleeves and the calculation of cooling flows, please see the [Franklin AID Newsletter](#). For order information, please visit our website at franklinwater.eu.

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