

Pharmaceutical W+ Model

CENTRIFUGAL PUMPS

Hygienic Excellence

The APV W+ Pharm model centrifugal pump has been specifically developed to meet the stringent requirements of the pharmaceutical and biotech industries with features that provide ultra-hygienic operation. Alongside suitability for CIP (Cleaning-In-Place) as well as SIP (Sterilizing-In-Place), wetted parts are electropolished to $Ra < 0.5 \mu m$ and the pump is equipped with a drain port to enhance cleanability. All product-wetted parts have a surface finish of $Ra < 0.5 \mu m$, comply to relevant 3-A sanitary standards and are 3.1 certified according to DIN EN 10204.



The W+ Pharma pump is designed for excellent reliability, gentle product handling, high efficiency and low NPSHr, making it ideal for a wide range of pharmaceutical processes, such as producing water for injection, purified water and de-mineralized water. High efficiency impellers equipped with the patented APV spiral volute on their backplate ensures maximum efficiency, gentle product handling with direct liquid transfer from inlet to outlet.



FEATURES:

- Model and size: W+22/20, W+35/35, W+35/55, W+50/8, W+55/35
- Wet surface finish: $Ra < 0.5 \mu m$, electrical polish
- Shaft seal: SiC/SiC
- Elastomer: EPDM, USP class VI, 121°C
- Drain port: 1/2" clamp connection for drain valve (drain valve NOT included)
- Pump outlet: Standard (vertical) or turned 45°C left.

DOCUMENTATION:

- 3.1- EN10204 certificate (wetted parts)
- Surface measurement report (wetted parts)
- Electropolishing and passivation certificate (referencing sales order number)
- Product wetted elastomers to USP Class VI
- FDA compliant
- 3-A and EHEDG certification

For more information on this product, please contact your local channel manager:

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Design features, materials of construction and dimensional data, and certifications as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing.

Please contact your local sales representative for product availability in your region. For more information visit www.spxflow.com.

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