

# ■ Self-Priming Adapter

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The Hypro Self-Priming Adapter (SPA) is a low-pressure internal-baffle vessel that provides air separation from the liquid being pumped. Circulation of liquid through the centrifugal pump and SPA circuit allows high-performance centrifugal pumps to be primed faster and to greater lift suction than positive displacement diaphragm pumps. Additional advantages of the SPA include: 1) allowing centrifugal pumps to be mounted in tight fitted configurations and still having fast priming capabilities by using a remotely mounted SPA, 2) offering mechanical seal dry-run protection during priming operations for on-board loading as well as for unexpected dry-run episodes, and 3) the ability to be retro-fitted to an existing centrifugal pump system to provide protection and function.

