



OEM-CERTIFIED SMART COMMISSIONING



Designed for new construction sites, SMART Commissioning is a factory-approved procedure performed by Armstrong certified technicians. This leverages the analytics from SMART Start-up and ensures that the Design Envelope system is optimized for present building load, controls strategies and BAS integration. It places greater emphasis on building readiness pre-handover, an integral part of soft-landing procedures. Eliminate the risks of the pump drifting from its ideal operating point, causing a performance gap (difference between as-designed and actual performance of the building). Start saving energy from day one!

WHAT'S INCLUDED:

Access to pump operation analytics to assist in further commissioning

Multi-point check of overall pump operation

Firmware upgrade or update as required

Activation of Design Envelope Performance bundles
Parallel Sensorless Pump Control, Flow Protection,
Dual season set-up, Energy Performance

7-day comprehensive commissioning report

Operator handover training, including Pump Manager refresher

BENEFITS IN THE DIFFERENT STAGES OF THE BUILDING LIFECYCLE:

SPECIFICATION

Eliminate energy gap between designed vs. achieved performance

Asset and system operations are aligned with design intent

Transparency to asset and system performance

Validate future designs to reduce risks

COMMISSIONING

Eliminate the risks of the pump drifting from its ideal operating point, causing performance gap

Save at least 1 hour of commissioning time with built-in activation of auto-flow balancing, minimum flow control and Bypass valve control

OPERATION & MAINTENANCE

Get peace of mind, knowing that the equipment was commissioned based on building load conditions

Eliminate the risks of the pump drifting from its ideal operating point, causing performance gap

Improve asset reliability, availability, and performance for occupant comfort

Get better ROI - extend asset life by at least 2 years

SMART Commissioning relies on SMART Start-up to save up to 30% energy cost and up to 50% maintenance cost



NEW BUILDINGS

New Design Envelope Pumps in new buildings

RECOMMENDED SERVICE OFFERS

SMART Start-up and SMART Commissioning

TOTAL SAVINGS GENERATED

Up to 30% energy savings
Up to 50% maintenance savings

