



SANI-MATIC®

Impact RFS: High-Impact Cleaning for Hard-to-Clean Areas, Equipment.

Central High Pressure Systems



**Floor-Mounted System
Booster 1 Model**



The **Sani-Matic Impact RFS** boosted pressure systems supply pressurized water to remotely mounted Rinse (R), Foam (F), Sanitize (S) stations. The systems efficiently and reliably clean facilities and difficult-to-disassemble process equipment.



Sani-Matic's Impact RFS boosted pressure systems are designed and manufactured to efficiently and effectively clean your facility and process equipment with the appropriate amount of pressure.

Advantages

- **Faster Cleaning.** Boosted pressure with proper nozzle selection provides a wider, more effective spray pattern, cleaning more surface area faster.
- **Food Safety.** Boosted pressure removes soil efficiently, while minimizing cross-contamination.
- **Improved Foaming.** Technology controls chemical and air injection to create clinging foam that ensures adequate dwell time.
- **Safety.** Hose gun's ergonomic design allows operators to use the system longer without stress.
- **Savings.** Nozzles use fewer gallons per minute at boosted pressure than other typical hose guns to generate water savings. High-impact cleaning reduces chemical use, cleaning time and labor.

How it Works

The Impact RFS Booster System supplies pressurized water to remotely mounted Impact RFS Stations.

RFS Booster Systems

The RFS boosted pressure systems boost incoming water pressure by 300 psi (or specified) to ensure proper cleaning impact for every hose gun operator on-demand. The systems can be installed locally or centrally. The system is compact, reliable and low maintenance.

Sensors automatically turn on the boosters and a time delay shutdown conserves energy.

RFS Stations

Wall-mounted drop stations are configurable to Rinse (R), Rinse-Foam (RF) or Rinse-Foam-Sanitize (RFS). Stations safely integrate chemicals from local chemical jugs through an automated Venturi injector. The station's durable stainless steel construction ensures reliable, long-term performance.

Features

Standard

- Impact RFS Booster Standard Model Sizes:
 - Booster 1 (one user maximum)
 - Booster 1X (one user maximum, higher gpm and psi than Booster 1 model)
 - Booster 4 (four users maximum)
 - Booster 8 (eight users maximum)
- Multi-stage, self-priming centrifugal pump sized to serve the number of simultaneous operators
- Integrated Siemens PLC with display and operator panel housed within NEMA 4X enclosure
- Pressure switch disables system at low psi and temperature switch disables system at high temperature (adjustable set-point)
- Flow switch automatically enables booster pump when needed and disables pump when completed
- Manual water supply inlet isolation ball valve
- 200 mesh water supply strainer
- 304 stainless steel wetted surfaces
- Pump

Optional

- Floor Mounted - 304 stainless steel box tube frame with leveling feet
- Wall Mounted - 304 stainless steel enclosure with hinged access door and lockable handle with key
- Custom flow rates and pressures
- Allen-Bradley PLC
- Sani-Matic Start-up Services

Applications

Beverage Fillers,
Cappers –
Exterior surfaces

Conveyor Lines –
Belts and / or Support
Structure

Blenders, Mixers,
Grinders

Screw Conveyors

Spiral Freezers

Dryer Cabinets

Walls & Floors

Automated RFS Systems



An automated RFS system is configured to individual plant applications. It controls zoned spray manifolds for sequenced rinse, foam and sanitize application processes. The booster pump feeds pressurized water to the RFS unit, which injects the chemical and controls zones and cycles.

Sani-Matic engineers the spray devices to meet specific applications and layout.

Automated RFS controls interface with process equipment controls for permission to clean, and can pass data records to plant-side software.

Central High Pressure Systems

Sani-Matic Central High Pressure (CHP) Systems are designed to efficiently clean facilities and process equipment by supplying consistent high pressure and water flow to multiple drop stations located throughout a facility.



Features

Standard

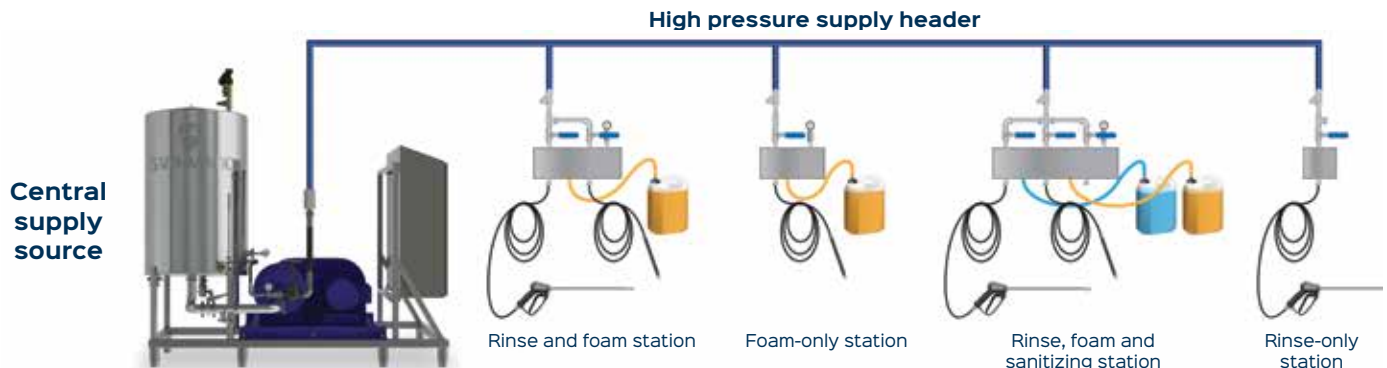
- Stainless steel skid-mounted surge tank
- Automatic temperature and water level controls with alarm and shutdown
- In-tank steam heating, direct steam injection
- Drop station configurations:
Rinse Only • Rinse / Foam • Rinse / Foam / Sanitize

Optional

- Soft start motor assembly, VFD control
- Additional pumps for any system
- PLC controls with control interface
- Natural gas, electric immersion heating or shell and tube steam heat exchanger
- Components including spray guns, foaming wands, hoses and hose racks

How it Works

Remote Drop-Station Components: Drop stations are installed to provide specific cleaning functions in a particular location and are supplied by a Central High Pressure unit.



X-Stream All-in-One Portable RFS Unit

- **Flexibility.** Ideal for infrequent cleaning applications, or in areas without piping installations. It is available in two models: 300 psi and 600 psi.
- **Reliable Results.** Boosts pressure for easy and reliable rinsing, as well as foam and dose sanitizer application.
- **Operation Ease.** On-board chemical container and air compressor; simply connect 480V power and water source at remote locations.



Cleaning Confidence.

Repeatable results you can count on every time you clean your process parts and equipment.
That's Cleaning Confidence from Sani-Matic.



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