

Hose Stations with Safety Shutdown



**Leonard Model
3800 Automatic
Hose Stations**

Manually mix steam
and water for
high temperature
washdown
applications

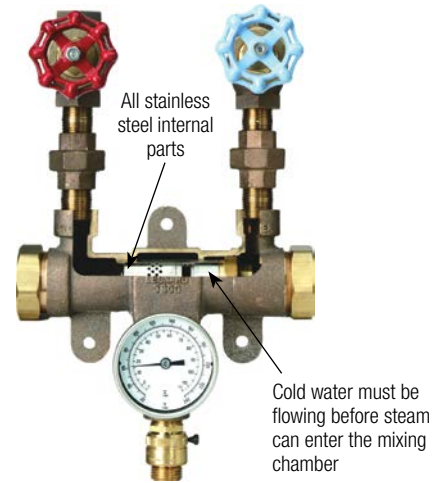


3800-VBD-CP

Hose Stations with Safety Shutdown

Leonard 3800 Automatic Hose Stations manually mix steam and water for high temperature washdown applications

- All stainless steel internals, only one moving part
- Factory-preassembled systems in several different models
- Provides instant hot water up to 200°F (93°C) for high temperature washdown
- Bronze body, stainless steel internal components, one moving part
- Will not pass steam if the cold water supply is interrupted (when properly installed and maintained)
- Includes supply check and stop valves with stainless steel internal parts



3800-RF Cutaway



3800-RF

Selection/Specification Guide

(Models) – (Finishes) – (Options)

Exposed Assemblies

3800-VBD (with thermometer and vacuum breaker)

3800-D (with thermometer, less vacuum breaker)

Panel-Mount Cabinet Assemblies

3800-VBD-CW

Recessed Cabinet Assemblies

3800-VBD-CWH

Finishes

RF – Rough Bronze

CP – Chrome Plated

Mounting Plate (Exposed Assemblies Only)

3812

Hoses

25 HDH – 25 Feet Heavy-Duty Hose

50 HDH – 50 Feet Heavy-Duty Hose

75 HDH – 75 Feet Heavy-Duty Hose

SW – Swivel Connector

SP – Spring Protector

Nozzles

N-2 – Adjustable spray, bronze body, rubber cover

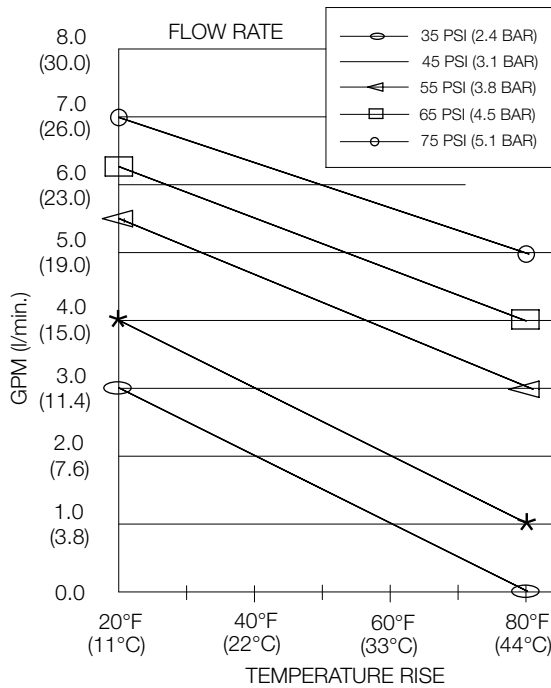
N-2A – Adjustable spray, stainless steel body, nylon cover

N-2-SS – Adjustable spray, stainless steel body, rubber cover

Heavy-Duty Hose Rack (replaces standard hose rack)

HDHR

Flow Capacity



PSI BAR	TEMPERATURE RISE								GPM l/min
	20°F 11°C	30°F 16°C	40°F 22°C	50°F 27°C	60°F 33°C	70°F 38°C	80°F 44°C		
35 2.4	3.0 11.4	2.5 9.5	2.5 9.5	2.0 7.6	2.0 7.6	1.0 3.8	0.0 0.0	GPM l/min	
45 3.1	4.0 15.0	4.0 15.0	3.5 13.0	3.5 13.0	3.0 11.4	2.5 9.5	1.0 3.8	GPM l/min	
55 3.8	5.5 21.0	5.0 19.0	4.5 17.0	4.0 15.0	4.0 15.0	3.5 13.0	3.0 11.4	GPM l/min	
65 4.5	6.0 23.0	6.0 23.0	5.5 21.0	5.0 19.0	4.5 17.0	4.5 17.0	4.0 15.0	GPM l/min	
75 5.1	7.0 26.0	6.5 25.0	6.0 23.0	5.5 21.0	5.5 21.0	5.0 19.0	5.0 19.0	GPM l/min	

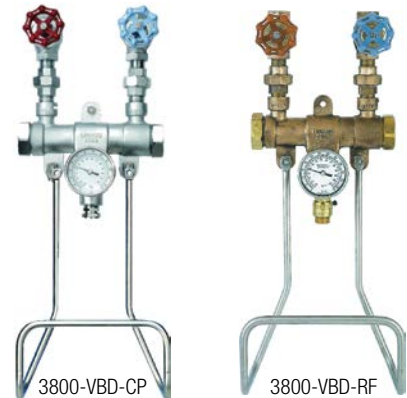
FLOW RATE (GPM)
(WITH 25-FT HOSE AND N2 NOZZLE ON OUTLET)

3800 Automatic Hose Stations

Exposed Assembly

The 3800 unit delivers high temperature hot water at controlled temperatures and includes as standard features:

- Mixing chamber with one moving part, stainless steel construction, which shuts down steam upon cold water supply loss
- User manually adjusts the two on/off stop and check valves to set the mix temperature
- Inlet on/off stop and check valves have heat-resistant handles and stainless steel interior parts
- Outlet dial thermometer
- Outlet vacuum breaker
- Stainless steel hose rack
- Factory-preassembled and tested



Panel-Mount Cabinet Assembly

Factory-assembled system with recessed stainless steel cabinet and flush-mounted panel for direct access to the controls of the 3800 unit. The stainless steel hose rack mounts on the front panel, outside of the cabinet.

3800-VBD-CW



Recessed Cabinet Assembly

Factory-assembled recessed cabinet with hinged door and lock to enclose the complete 3800 hose station with hose rack and up to 50 feet of Heavy-Duty Hose.

3800-VBD-CWH



Hose Stations with Safety Shutdown

Hose Station Accessories

N-2 Hose Nozzle

Durable adjustable spray nozzle with internal parts of bronze, brass and stainless steel, self-closing with finger-touch spray control, rubber cover.



N-2A Hose Nozzle

Lightweight adjustable spray nozzle with trigger lock, stainless steel body, blue nylon cover.



N-2-SS Hose Nozzle

Durable adjustable spray nozzle with stainless steel body and internal parts, self-closing with finger-touch spray control, rubber cover.



Heavy-Duty Hose

Available in 25-, 50- and 75-ft. lengths, with optional swivel connector and stainless steel spring protector.



Heavy-Duty Hose Rack

Extra heavy-duty stainless steel hose rack which accommodates up to 75 feet of heavy-duty hose.



Mounting Plate

Durable stainless steel mounting plate designed for use with all exposed assemblies.



Note: All specifications are subject to change without notice!



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LV-119 03/15
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