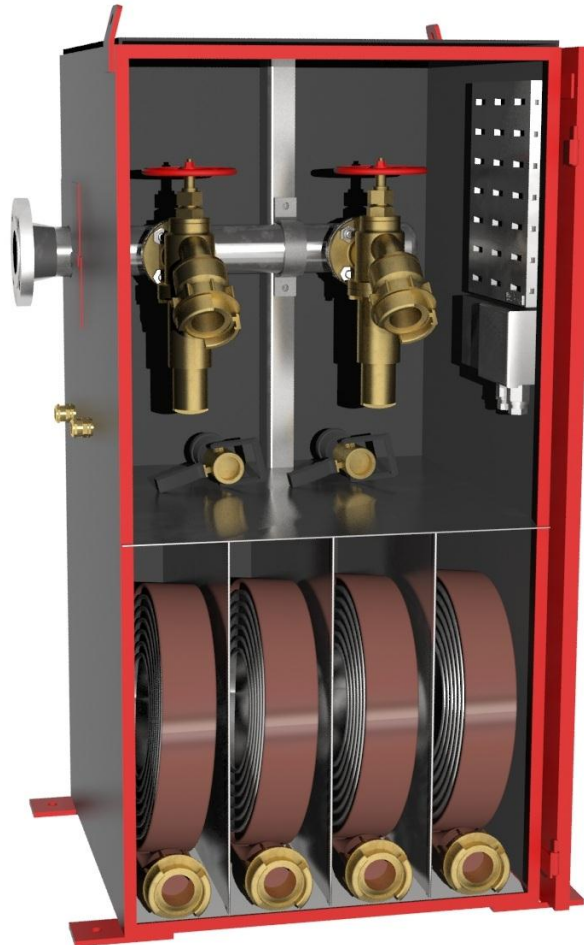


HD-01 – Hydrant Cabinet



HD-01 – HYDRANT CABINET

Standard material

Cabinet:	SST AISI 316, painted externally
Piping:	Titanium gr. 2
Valves:	Titanium gr. 2
Nozzle:	Bronze
Hose:	4 ea. 1.5" x 15m Guardman

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QA Certificate no: 2001-OSL-AQ-7140



HD-01 – Hydrant Cabinet

Installation

Mount: Bolt to Deck

Operation

Remove and uncoil hose laying it smoothly on the deck. Connect to nozzle and hydrant valve. Keep nozzle closed and slowly open hydrant valve to fill hose prior to operation.

Options

- Piping:
- Cunifer CU 90/10 w/ Alubronze valves
 - Super Duplex Stainless Steel
- Cabinet:
- Inlet on left or right side
 - Door swing right or left
 - Insulation
 - Heater (Zone 1 Certified)
- Hose:
- Size and Length*
 - Hose Couplings
- Nozzle:
- Project Preference
- Mount:
- Seal weld w/ 309 filler wire (316SS to C.S.)

* Modifying the hose size and length may increase the size of the cabinet.

Working pressure: 20 barg (290 psig)

Test pressure: 30 barg (435 psig)

HD-01 – Hydrant Cabinet

Table 1: HD-01 Dimension and Weight Data

Type	Cabinet Length (mm)	Cabinet Height (mm)	Cabinet Depth (mm)	Dry Weight (kg)
HD-01	700	1300	700	195

Table 2: HD-01 Flow Data

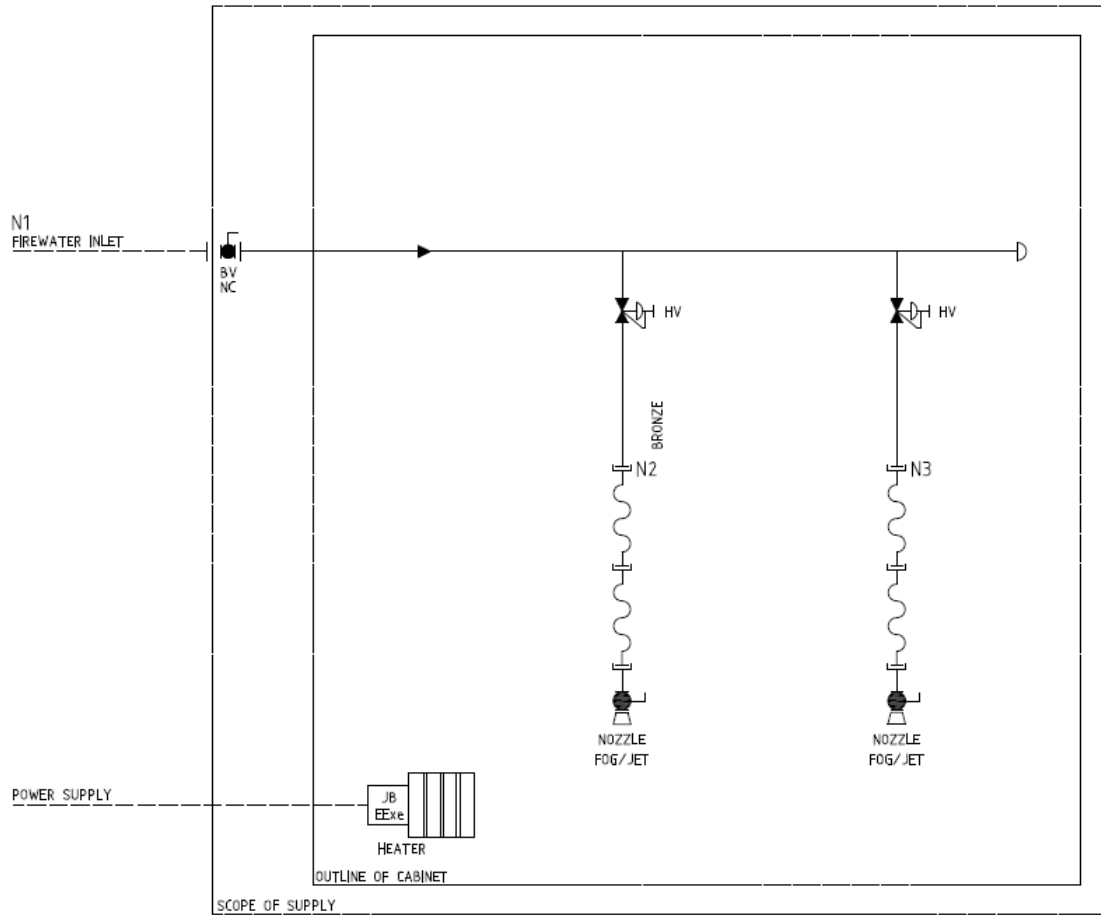
Hydrant Inlet Pressure	HD-01 w/ 95 gpm nozzle	HD-01 w/ 125 gpm nozzle
barg (psig)	lpm (gpm)	lpm (gpm)
6 (87)	283 (75)	340 (90)
8 (116)	327 (86)	393 (104)
10 (145)	366 (97)	439 (116)

Notes:

1. Calculated with a single 15m hose and hydrant valve fully opened (i.e. non-pressure regulated).
2. Nozzle ratings imply XX gpm at 100 psi (7barg) nozzle inlet pressure.
3. FPE recommends the nozzle be safely operated between 7 barg (100 psig) and 3.5 barg (50 psig) to limit reaction forces while ensuring adequate flow.

HD-01 – Hydrant Cabinet

P&ID



Note: The heater is an option.

HD-01 – Hydrant Cabinet



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