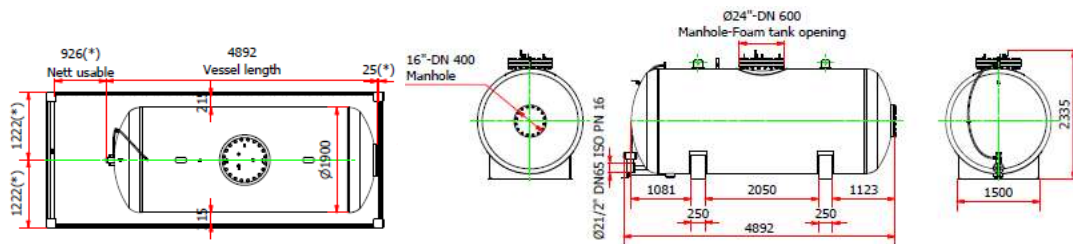


**Equipment Description : DT F 12000**

According to P&I 1700254-09

**built-in container 20 feet**



**PERFORMANCES :**

- premix flow 700 L/min at 7 b
- concentration 3% constant during complete operation
- autonomy : 20 min

**DESCRIPTION**

Are fixed inside a 20 feet container in order to realize an instantaneous 3% foam solution à 3% :

I- one Double tank of 12160 l capacity:

- with 1 \*350 L foam concentrate tank and 1\* 10700 L water tank

## ***K- FIRE SYSTEMS ®***

- 1\* DN600 upright flange with seal control and 1\* DN 580 side flange for maintenance
- 1 \*DN50 foam refilling inlet with foam suction pipe on upright flange
- 1\*DN50 water refilling with side level
- operating pressure control manometer
- 12 b operating pressure with safety valves on water and foam tanks
- 7 b opening pressure regulated valve

II- Pressurisation structure type B2 with release mechanism to be indicate with order:  
pneumatic or electric type.

In order to complete the holding frame , compressed Air cylinders are supplied :

- 2 \*1.34 L sparklet at 20 b with heads either pneumatic released type either electrically with electrovalve 24 V DC ( V to indicate).
- 1\* 80 L cylinder at 100 b with pneumatic released head type B480
- 5 \* 80 L cylinder at 200 b with pneumatic released head type B480
- 1 regulator 300/11.5 b

Note : HP connecting flexible hoses must be provided according to P&ID.

III - DN65 foam solution outlet includes :

- 1 \*DN65 valve
- 1 \*DN65 double effect valve with pneumatic actuator 7 b
- 1 pressure regulator with adjustable pressure .( 6 à 7 b)
- 1 \* DN 50 drainage valve

IV- The full equipment is painted Red Ral 3000 thickness  $\geq 110$  microns

It supplied empty of foam and compressed gaz.

**V- Supplied documents :**

- Certificates of conformity according to DESP ( tanks ,sparklet and cylinders)
- Certificate of safety valves

# K- FIRE SYSTEMS ®

-Maintenance and operating manual

-General arrangement drawing

## VI - OPTION AL

1- Mano-alarm 135 b low pressure on 6 cylinder heads et on 2 sparklet heads.

2 – foam concentration test possible at factory with test Certificate :

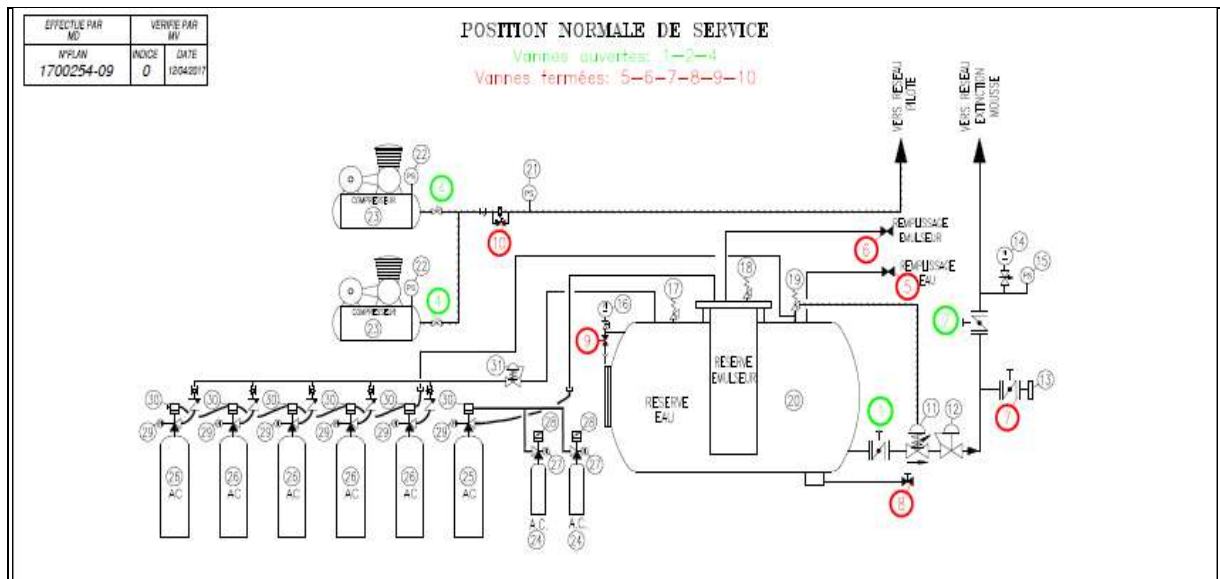
Then it must be supplied by customer:

- 400 L foam.

Nota :

-Pressure regulator should be adjusted ( between 6 and 7.5b) to be indicated 2 weeks in advance

## VII – P&ID installation DTF12000 in container, electrical release



Note supply limits:

-gaz compressor for detection line

- rep 12 outlet