

InnoVfoam B.V.

Tank Foam Generator



InnoVfoam B.V.

Tank Foam Generator

ITFG-700 - FP 2"/4" & ITFG-3000 - FP 4"/6"

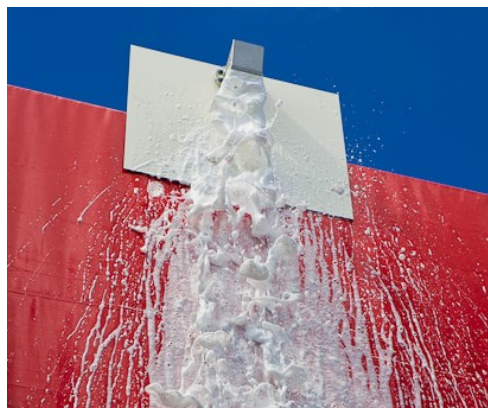
The InnoVfoam ITFG/FP Tank Foam Generator with Foam Chamber and (separate) Foam Pourer is developed for extinguishing storage tank fires. In order to generate low expansion foam and spread it over the flammable liquid surface the device is provided with a integrated air foam generator. For ease of installation the flanged outlet usually is connected to a flanged nozzle which is welded into the tank-shell close to the tank top.



The flanged Foam Pourer must be installed to this nozzle at the inside of the tank in order to apply foam gently onto the liquid surface. To prevent from releasing gasses out of the tank, a removable Gas-Stop is provided at the inlet-side of the Foam Chamber. For testing purposes a dedicated test-outlet with removable cover and inside test-cover is provided within the device.

The combination of the ITFG with FP can be used both for tanks with fixed and/or Floating Roof. To design numbers and capacities of the ITFG/FP for a specific tank, please refer to National Fire Protection Association: National Fire Codes NFPA 11, and/or local regulations.

When ordering the ITFG/FP, specify the operating pressure required at the inlet of the generator and foam solution flow rate, to meet the design requirements of the system.



InnoVfoam B.V.

Tank Foam Generator

MATERIAL

Body : Stainless steel 316
 Internals : Stainless steel 316
 Orifice (standard) : Stainless steel 316
 Orifice (optional) : Brass
 Gasket (standard) : Viton (FPM) *

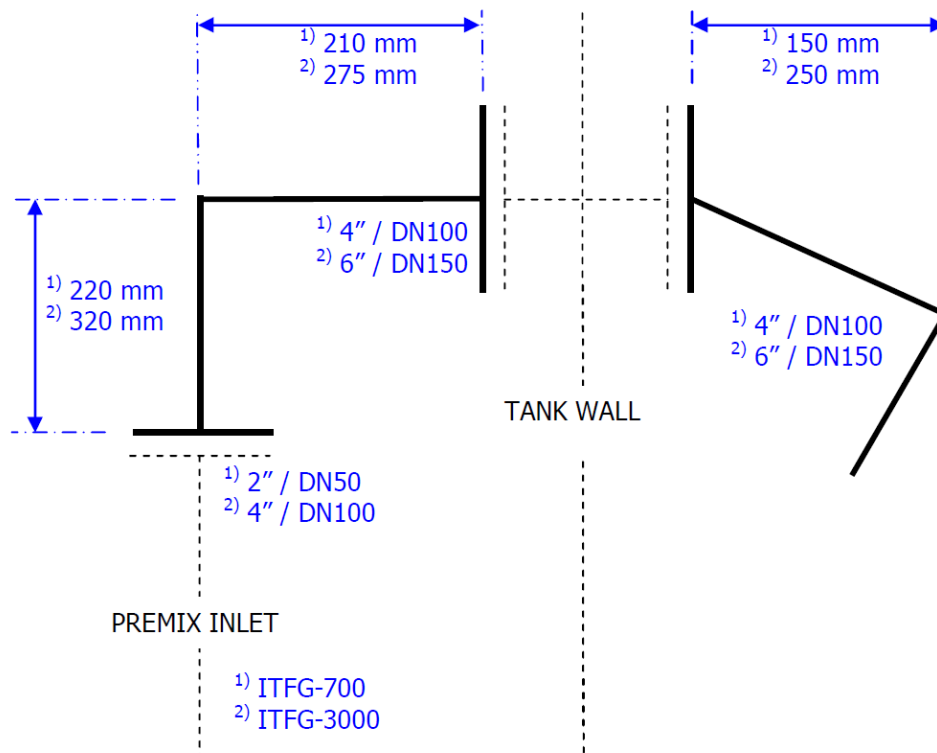
* The Viton gasket is suitable for diesel, petrol etc.
 * Please specify containing fluids when ordered.

CAPACITY

ITFG-700 : up to 700 dm³/min
 ITFG-3000 : up to 3.000 dm³/min
 Pressure : 4-16 bar
 Please specify flow and inlet pressure when ordered

WEIGHT

ITFG-700 : approx. 21 kg
 ITFG-3000 : approx. 34 kg



Flanges according to ANSI 150 lbs or DIN PN 16