



Foam Cleaning Manual
9301, 9305
DK, EN, DE, FR



Foam Cleaning with normal water pressure from the water tap
(the pressure at the end of the water supply hose needs to be minimum 2 bar)

Can be used for cleaning of:

- Wet rooms, shower facilities, public swimming pools etc.
- Food & Beverage sector, such as kitchens, butcher shops, microbreweries.

Back Flow Prevention

Be aware of any requirement for back flow prevention in accordance with any legal requirements. Vikan offers SafeOne (item no. 9340) as back flow prevention. Is approved according to no. VA 1.57/18079.



Mounting



1. Screw 1/2" tap coupling (item no. 0700) on the water tap.



2. Click the hose with 1/2" quick coupling (item no. 0701) on the water tap.



3. Insert the correct nozzle in the injector (see the nozzle directory on the following page).



4. Mount the suction hose.



5. Screw the injector tight on the container.



6. The water gun (item no. 93209 or 93219) is connected to the nipple on the injector.



7. The hose with 1/2" quick-coupling (item no. 0702) is connected to nipple on the water gun.



8. Turn on the water tap and start the foam application by pressing the "trigger".



9. The distance from the injectors nozzle-opening to the cleaning surface has to be minimum 50 cm.

Dosing

To have the best performance and dosing, it is necessary to:

- Have a water pressure of **minimum 2 bar** at the end of the water supply hose.
- Choose the right nozzle on the chemical inlet side:

See recommended concentration on the label/data sheet for the chemical. On most foam cleaning chemicals, you can read the information on the right mixture proportion on the packaging between chemicals and water. E.g. it can be 1 decilitre to 10 litres of water, which can be explained as 1:100 or 1% concentration. By choosing and inserting the right nozzle, the dosing can be adjusted to the recommendations on the chemical.

Replacement of Nozzles

By replacement it is recommended to screw the nozzles in/out using a pair of tongs or the like.

The nozzle set contains the following:

Grey:	1:10 (10%)	Black:	1:12 (8,3%)	Beige:	1:14 (7,1%)
Red:	1:16 (6,3%)	White:	1:18 (5,6%)	Blue:	1:21 (4,8%)
Light Brown:	1:23 (4,4%)	Green:	1:33 (3,0%)	Orange:	1:40 (2,5%)
Brown:	1:45 (2,2%)	Yellow:	1:57 (1,8%)	Turquoise:	1:71 (1,4%)
Lilac:	1:100 (1,0%)	Pink:	1:250 (0,4%)	Transparent:	Plug

Extra nozzle set can be ordered using item no. 9378.

Maintenance

- The house coupling on the hose and foaming gun have to be greased regularly to maintain the coupling ability on the equipment. The grease applied during mounting will be rinsed away by the water flow and thus needs to be renewed.
- When the foam application is finalized, it is important to rinse the injector with clean water to avoid blocking of the nozzle. Screw the injector of the container and let it suck clean water through the suction hose to enable hose, filter and nozzle to be rinsed for chemicals.

Data

Min. Water pressure:	2 bar at the end of the dosed chemical outflow hose.
Max. Water pressure:	6 bar (9305x) or 12 bar (9301x).
Max. temp.:	40°C for 9305x og 60°C for 9301x.
Viscosity (ability to flow):	Max. 50 mPas/cSt.
Injector:	93139 for 9305x or 93149 for 9301x.
Container:	1,4 L (9310x) or 2,5 L (9311x).
Combi gun:	93209 or 93219 (Ergo).
Spray Nozzles:	Item no. 9350 or (9352, extra equipment).
Suction Hose:	Item no. 93175.
Nozzle set:	Item no. 9378.

Trouble Shooting:

Problem	Reason	Repair
1. The equipment does to suck-up the detergent:	<ul style="list-style-type: none"> a. Blocked filter in the suction hose. b. Nozzle opening is blocked. c. The water pressure is too low. d. Mineral accumulation in the injector. e. Blocked filter in the water tap (low water flow). f. The chemical is too thick. 	<ul style="list-style-type: none"> a. Clean or replace. b. Clean or replace the nozzle. c. Minimum 2 bar (25PSI) at the end of the water supply hose is required. d. Disconnect container, suction hose and nozzle. Descale the parts by soaking them in a mild descale solution. Clean with lukewarm water. e. Clean or Replace the filter. f. Choose a chemical with max. 50 mPas/cSt.
2. Weak foaming:	<ul style="list-style-type: none"> a. Blocked filter on the water tap. b. Too low water pressure. 	<ul style="list-style-type: none"> a. Clean or Replace. b. Minimum 2 bar (25 PSI) at the end of the water supply hose is required.



Visit us at vikan.com

Vikan A/S

Rævevej 1
7800 Skive
Denmark

Tel.: +45 96 14 26 00
Fax: +45 96 14 26 55

vikan@vikan.com

