

**Nilfisk  
ALTO**

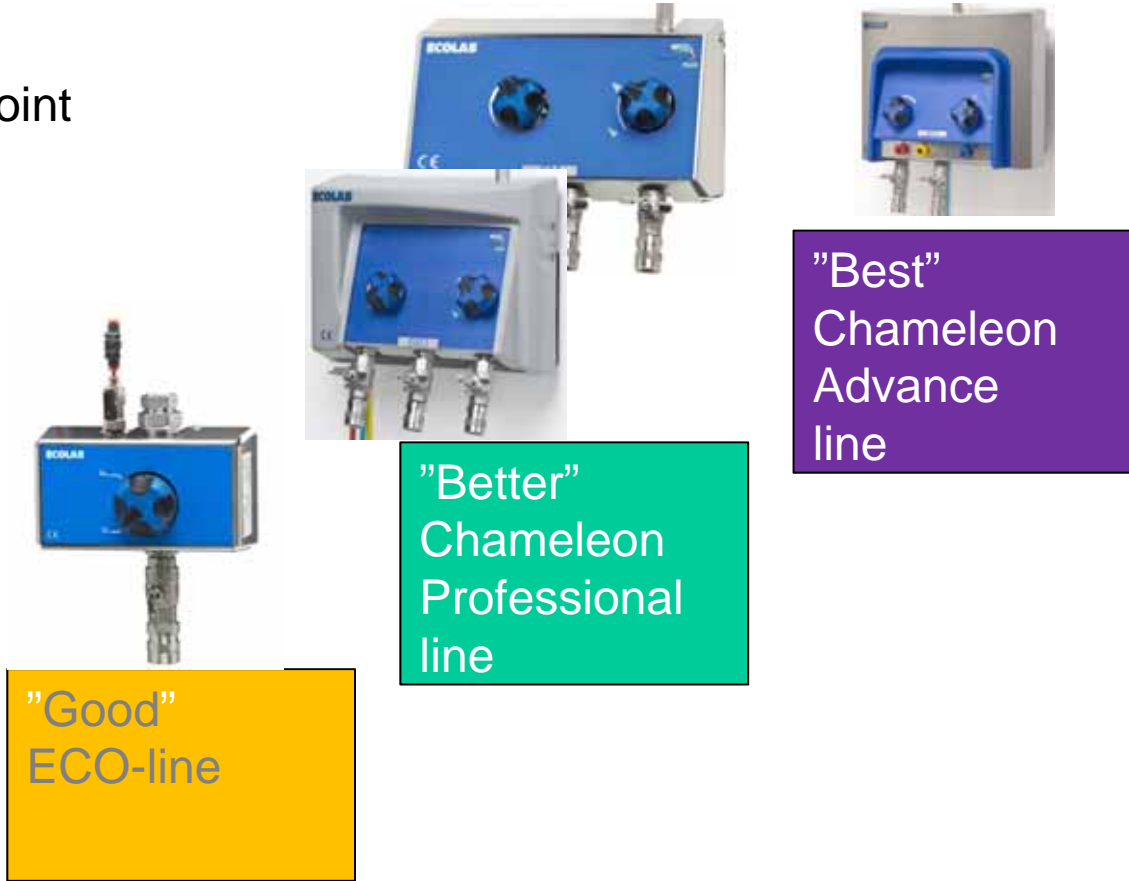
Foam Equipment: **ECO-Line**



# Positioning Foam Equipment

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Price point



Features



# ECO-Line

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ECO-Line  
is the new sturdy and robust Booster and Satellite  
for the F&B segment

Meat



Brewery



Dairy



# ECO-Satellite SE11

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ECO-Satellite and no accessories

ECO-Satellite cleaning station



# ECO-Satellite SE11

## Technical Data

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<b>Water and local injector</b>		
Min/Max inlet pressure	bar (PSI)	12-25 (174-363)
Consumption during rinsing 20 bar (290PSI)	L/min.	30
Consumption during foaming local injector	L/min.	10
Min. water inlet	L/min.	30
Max. Temperature	C°	70
Pipe dimension inlet	Ø	3/4"
Pipe dimension outlet	Ø	1/2"
<b>Compressed air</b>		
Min./Max. Pressure	bar (PSI)	6-10 (87-145)
Consumption	NI/min.	200
Pipe dimension	mm	6
<b>General</b>		
Construction		Stainless steel
Dimension mm	HxWxD mm	353x211x120
Weight	kg	3

# ECO-Satellite SE11

## What is in the box

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1. ECO-Satellite SE11
2. Screws and plugs for mounting
3. Suction hose with filter and pipe  
Item No.110000161 EBS10097921
4. Clamp to secure the suction hose connection
5. A set of limiting nozzles for calibrating concentration. 0,5; 0,6; 0,7; 0,8; 0,9; 1,1; 1,3; 1,5mm.  
Item No.0646105 EBS10015477

# ECO-Satellite SE11

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limiting nozzles - concentration

**Guideline to mount which size of limiting nozzle:**

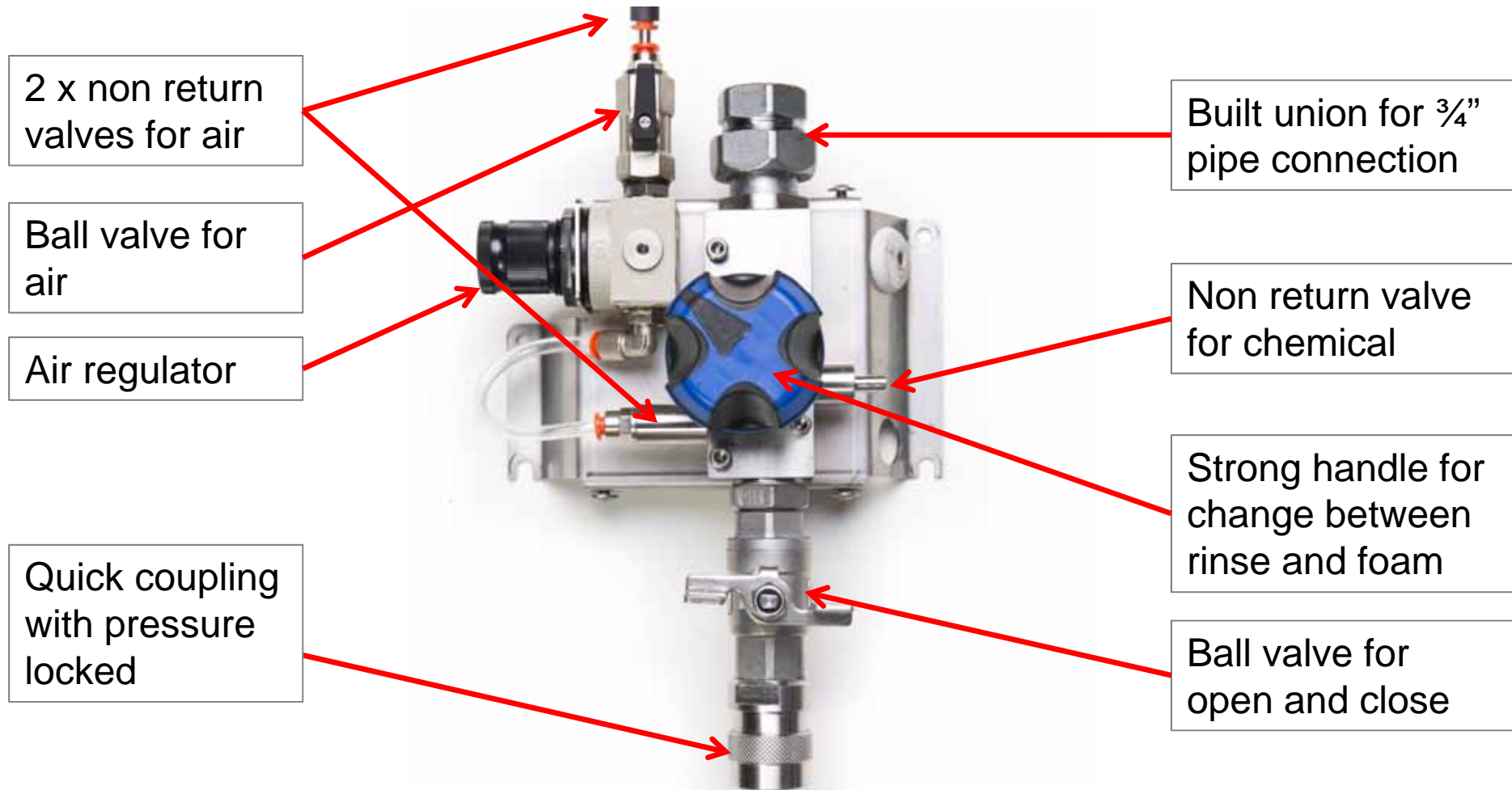
Nozzle size	15 bar (218 PSI)	20 bar (290 PSI)	25 bar (363 PSI)
0,5 mm	1,3%	1,1%	1,0%
0,6 mm	1,9%	1,6%	1,5%
0,7 mm	2,6%	2,2%	2,0%
0,8 mm	3,4%	2,9%	2,6%
0,9 mm	4,2%	3,6%	3,3%
1,1 mm	6,2%	5,3%	4,8%
1,3 mm	8,4%	7,2%	6,6%
1,5 mm	10,9%	9,4%	8,6%

Note: These concentrations can fluctuate depending on compound viscosity, temperature, pressure, suction, etc.

# ECO-Satellite SE11

## Features

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Why Compromise



# ECO-Satellite SE11

One model one Item No.

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Item No. 110001783

EBS code: 10012563

Application:

- Rinse with hot water 70° and pressure between 12 and 25 bar.
- One injector for detergent foam/sanitation.

Keep it simple and easy to operate.

# ECO-Satellite SE11

## Features and benefits

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Features:

Benefits:

Built in stainless steel →	<b>Sturdy and strong design</b>
Well known injector 10L at 25 bar →	<b>Min. pressure loss and excellent foam quality</b>
Parking of suction hose/filter →	<b>Looks good when no chemical can is in production area</b>
Built in union to connect to water line →	<b>The union ensures that it is easy to dismount, repair and clean the SE11</b>
Double non-return valve at air inlet →	<b>High safety: Avoid getting water into the air line</b>
Air regulator inside cabinet →	<b>No accidental air pressure change</b>
Hygienic design →	<b>Easy to keep the Satellite itself clean</b>
No extra accessories included →	<b>Possible to choose other accessories</b>

# ECO-Installation kit

Item No. 110001981 EBS code: 10012562

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In connection with the new ECO-Satellite we have made a special accessory kit containing everything required for a fully functioning cleaning station!



Item No.	Text
641700	Male coupling part to be mounted on hose
110000170	Hose PURflex 25M ½" SS
668210	Low pressure valve protected ½" SS vulc.
0614066	Tornado nozzle complete SS 15/30
643000	Foam nozzle complete SS 50/200

**All you need now is the detergent**

# Specification Booster

Item No. 110002032

EBS code: 10012568

- Pump: CRN 5-32, 100 l/min, 20 bar
- Manual direct start/stop  
(Will not start and stop automatically)
- Direct connections to pump – no pipes
- Only security is pump top temperature sensor
- Modular options – towards “better” e.g. bottom frame plate

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# ECO-Booster

controlling

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## Questions:

## Answers:

What happens if I forget to stop the pump?	When the pump is running without flow of water. The temperature security will stop the pump at about 80°
Will the pump start again and if yes when?	Yes when the water temperature is below 50-65° the pump can be restarted by pressing green button
How long time will it take to heat the pump from about 50° to it stops at 80°?	The pump will heat the water at about 1°/min. and therefore it will last about 30 min. to reach 80°
When the pump has stopped due to high temperature! How can I restart quickly?	Cool the pump by opening for the water at one working station. In this way the pump can be restarted as soon as the water temperature is back below 50-65°
Is it recommended to let the temperature switch stop the pump every time?	No it is important that you avoid letting the pump stop too often using the temperature switch. After many stops it will fail sometime in the future and then the pump can be damaged by overheating



# ECO-Booster

Standard package

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Pump manual

Wire to connect to power supply

2 pump couplings with 1 ¼" internal thread

4 anchor bolts 12mm

# ECO-Booster

optional accessories

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Item No.	Text
600500	Ball valve 1 1/4" inlet
380800	Pipe 38mm 1 1/4" ext. Thread
0608192	Filter 1 1/4" inlet
110000654	Union 1 1/4" outlet
630900	Non return valve 1 1/4" outlet
110002045	Pipe with 1 1/4" thread in-/outlet
110002047	Booster floor frame kit complete

# ECO-Booster

including optional accessories

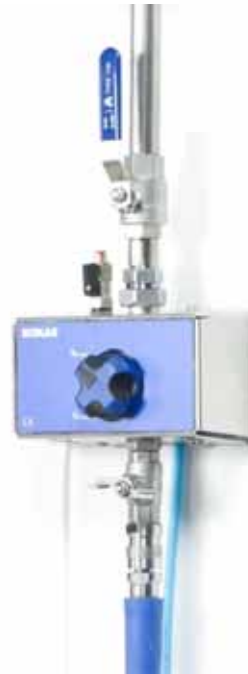
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# Foam Equipment: “Economy Line”

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Why Compromise