

# BOVIBOOSTER | L4DL

## BB PRESSURE BOOSTER WDS INSTALLATION INSTRUCTIONS

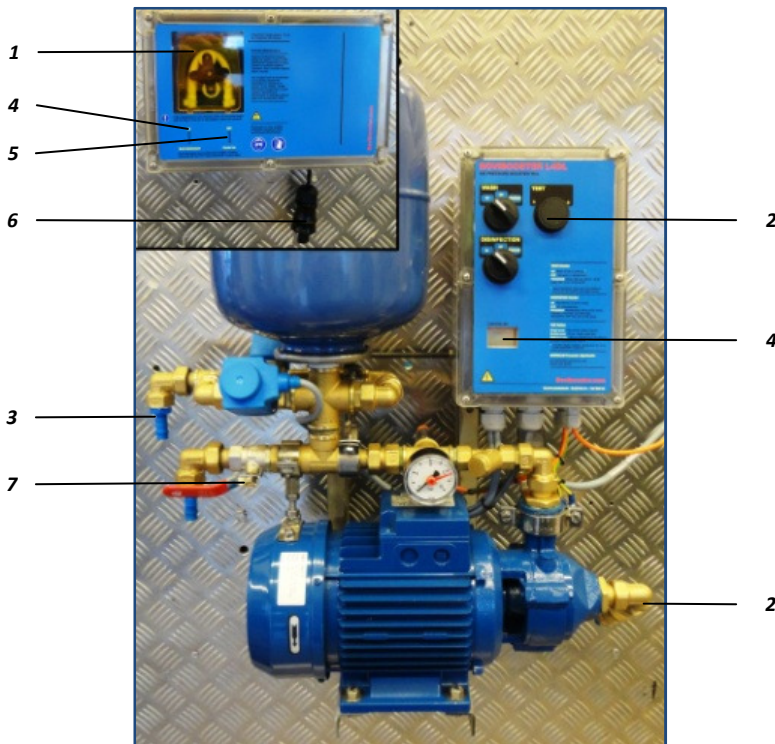
- DK - Enheden skal monteres på en lodret flade, så tæt ved dysepladen som muligt. Ved montering skal tages højde for placering af desinfektionspumpe<sup>1</sup> og beholder til klovplejemiddel, benyt evt. vægmonteret dunkholder. Enheden skal monteres udenfor køernes rækkevidde, det anbefales at installere enheden i et frostfrit miljø.
- Afmonter pumpeenhed og jordforbindelse fra vægbeslag. Monter desinfektionspumpe og vægbeslag på egnet mur (benyt evt. medfølgende skruer), monter herefter pumpeenhed og jordforbindelse på mont. beslag.
  - Tilslut vandforsyning<sup>2</sup>. Benyt evt. blå 12/20 mm slange. Husk at tilspænde omløber og spændebånd. Vandforsyningen skal kunne levere minimum 3 bars kontinuerligt vandtryk. Vand temperatur maks. 25 °C.
  - Monter dysepladen. Se "Nozzle bar installation instructions".
  - Monter 12/20 mm blå slange imellem 12 mm slangestuds<sup>3</sup> og dyseplade slangestuds. Husk at tilspænde omløber og spændebånd. Maks. tilladt slangelængde fra BBPBWDS til dyseplade er 8 meter.
  - Tilslut klovplejemiddel med 4/6 mm klar slange til "IN Hoof disinfectant" push-on nippelen<sup>4</sup>. Husk at montere sugefilter. Anbefalet maks. længde på sugeslange: 2-4 meter. Monter herefter 4/6 mm klar slange imellem "OUT Nozzle bar" push-on nippelen<sup>5</sup> og dyseplade push-on nippelen. Tilslut til sidst desinfektionspumpe-stikket<sup>6</sup> til styrekassen.
  - Installer start signal sensor. Se "Start signal sensor installation instructions".
  - Monter elektrisk tilslutning (Se mærkeplade). Dette bør udføres af autoriseret elinstallatør.
  - Benyt egnede rørholdere ved montering af slanger. Undgå knæk og skarpe kanter.
- Installer aldrig slangen steder hvor et evt. læk kan forårsage skade på bygninger eller andet udstyr.

- UK - The unit must be mounted on a vertical surface as close to the nozzle bar as possible. When fitting the unit, placement of disinfection pump<sup>1</sup> and container for hoof care product must be considered. 25 kg. container wall-mount bracket is available as an accessory. The unit must be mounted out of cow reach. It is recommended to install the BB Pressure Booster in a frost-free environment.
- Remove the pump unit and ground connection from the wall-mount bracket. Mount the disinfection pump and wall-mount bracket to a fit wall (use included screws), then mount the pump unit and ground connection again.
  - Connect the water supply<sup>2</sup>. Use the blue 12/20 mm hose. Remember to tighten the nut and hose clamps firmly. The water supply must be able to provide minimum 3 bars continuous water pressure. Water temperature must not exceed 25 °C.
  - Mount nozzle bar. Check "Nozzle bar installation instructions".
  - Connect the BBPBWDS nozzle bar hose stud<sup>3</sup> to the nozzle bar hose stud using the 12/20 mm blue hose. Tighten the nut and hose clamps firmly. Maximum allowed hose length between the BBPBWDS and the nozzle bar is 8 meters.
  - Connect the hoof care product to the dosing pump "IN Hoof disinfectant" nipple<sup>4</sup> using the 4/6 mm clear hose. Remember to mount suction filter. Recommended max. length of suction hose: 2-4 meters. Connect the disinfection pump "OUT Nozzle bar" nipple<sup>5</sup> to the nozzle bar push-on nipple, using the 4/6 mm clear hose. Connect the disinfection pump plug<sup>6</sup> to the control box.
  - Install start signal sensor. Check "Start signal sensor installation instructions".
  - Connect electrical supply (Check nameplate). This should be performed by authorized personnel.
  - Use suitable pipe clips when installing the hoses, avoid sharp bends and edges.
- Never install hoses in places where leaks can cause damage to buildings or other equipment.

## START-UP

- DK - Åben for vandtilførsel, åben herefter afgangshanen<sup>7</sup>, luk igen når systemet er tømt for luft.
- Aktiver BB Pressure Booster'en ved at trykke en gang på "Test" knappen<sup>8</sup>.
  - Kontroller pumpens omløbsretning.
  - Systemet burde opbygge 12 bars tryk i løbet af 10 sek
  - Kontroller slanger og samlinger for utætheder.
  - Systemet er nu klar til afprøvning/drift.
  - Benyt "TEST" knappen ved justering af dyser, til at teste indstillet vaskeprogram og til manuel dosering af klovplejemiddel. Se instruktioner på enheden.
  - Vasketryk og vasketid indstilles på direkte på ZEN relæet<sup>9</sup> i styrekassen. Se ZEN Quick Guide.
  - Hvis tid og dato på ZEN relæet ikke passer, bør dette indstilles. Se ZEN Quick Guide.
  - For ikke at stress køerne i opstartsfasen (1-7 dage), kan det være en fordel at starte med vaske at ved lavt tryk.
- UK - Open the water supply and then open the outlet valve<sup>7</sup>, close again when the system is purged of air.
- Activate the BB Pressure Booster by a single push on the "Test" button<sup>8</sup>.
  - Check the pumps direction of rotation.
  - The pressure should reach 12 bars in 10 sec.
  - Check hoses and connections for leaks.
  - The system is now ready for test/operation.
  - Use the "TEST" button for nozzle adjustment, for testing preset washing program and for manual dosing of hoof care product. Check "ZEN instructions".
  - Wash-pressure and wash-time, can be adjusted directly on the ZEN relay<sup>9</sup> in the control box. Check ZEN Quick Guide.
  - If the time and date on the ZEN relay is incorrect, this should be set. Check ZEN Quick Guide.
  - During start-up (1-7 days), it might be preferable to wash at low pressure, to minimize stress to the cows.

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1. Disinfection pump
2. Water supply hose stud
3. Nozzle bar hose stud
4. IN Hoof disinfectant
5. OUT Nozzle bar
6. Disinfection pump plug
7. Outlet ball valve
8. TEST button
9. Zen relay

**Warm up the hoses with warm water (max 60 °C) and lubricate for easier mounting**



**Remember to wear suitable protective equipment when working with chemical products**



12/20 mm blue PVC hose



4/6 mm clear PVC hose



**Do not run "TEST" function, with disinfection ON during milking**

**Pressure vessel gas pre-pressure: 8 bars**

**Working pressure: 9,5-12 bars**

**Annual pressure vessel check-up is required**

**Water filters have to be checked and cleaned as needed, to maintain optimal operation**

**If an error occurs, see Controller display, contact manufacturer if necessary**



Hose clamp



Hose clip  
(Accessory)

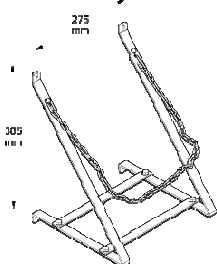


**Pump must not run dry. Ensure the unit is fully primed before use**

**The unit must be earthed in accordance with the law**

**Do not install the unit in direct sunlight**

**Install the unit in a frost free environment**



25 kg. container wall-mount bracket  
(Accessory)



Water supply quick connection  
(Accessory)