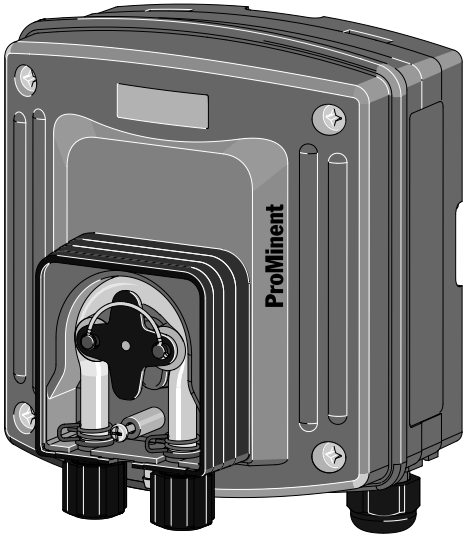
Assembly and operating instructions

ProMinent® DULCO®flex

DF2a

EN



A1666

Please carefully read these operating instructions before use. · Do not discard.

984881, 4, en_GB, © 2026 Original operating instructions (2006/42/EC)

Supplemental directives

General non-discriminatory approach

In order to make it easier to read, this document uses the male form in grammatical structures but with an implied neutral sense. The document is always aimed equally at women, men and gender-neutral persons. We kindly ask readers for their understanding in this simplification of the text.

Supplementary information

Please read the supplementary information in its entirety.

Information



This provides important information relating to the correct operation of the unit or is intended to make your work easier.

Warning information

Warning information includes detailed descriptions of the hazardous situation, see ➦ *Chapter 2.1 'Labelling of Warning Information' on page 7*.

The following symbols are used to highlight instructions, links, lists, results and other elements in this document:

Tab. 1: More symbols

Symbol	Description
1.	Action, step by step.
⇨	Outcome of an action.
🔗	Links to elements or sections of these instructions or other applicable documents.
	List without set order.
[Button]	Display element (e.g. indicators). Operating element (e.g. button, switch).
'Display/GUI'	Screen elements (e.g. buttons, assignment of function keys).
CODE	Presentation of software elements and/or texts.

Table of contents

1 About This Pump. 4

2 Safety and responsibility. 7

2.1 Labelling of Warning Information. 7

2.2 Safety information. 8

2.3 Intended use. 9

2.4 User qualification. 10

3 Storage and Transport. 11

4 Overview of equipment / Functional description. 12

5 Assembly and installation. 13

5.1 Assembling the peristaltic pump. 13

5.2 Installing hose lines. 14

5.3 Electrical installation of the peristaltic pump. 15

6 Start up. 16

7 Maintenance, repair and faults. . 17

7.1 Maintenance. 17

7.2 Repair. 17

7.3 Troubleshooting. 18

8 Decommissioning and disposal. . 19

8.1 Disposal of used parts. . . . 19

9 Technical data. 20

9.1 Accessories and spare parts. 22

9.2 Dimension sheet. 23

10 EU Declaration of Conformity for Machinery. 24

11 Index. 25

1 About This Pump

The ProMinent® DULCO®flex peristaltic pump is designed for use in swimming pools, hot tubs, and spas and wellness zones.

Tab. 2: Identity Code

DF 2a	DULCO®flex, Version DF2a								
	Pump type:								
	02 04	1.5 bar; 0.4 litres/h, 5 1/min							
	02 08	1.5 bar; 0.8 litres/h, 10 1/min							
	02 16	1.5 bar; 1.6 litres/h, 20 1/min							
	02 24	1.5 bar; 2.4 litres/h, 30 1/min							
		Hose material:							
		P	PharMed®, 4,8 x 8 mm						
		V	Viton®, 4,8 x 8,1 mm , for fragrances (custom design)						
			Design:						
			0	With ProMinent® logo					
			1	Without ProMinent® logo					
			P	Pool design					
				Hydraulic connector:					
				0	Standard, 6 x 4, suction and discharge side				
				9	Special connector, 10 x 4, discharge side				
					Electrical connection:				
					A	230 V, 50/60 Hz			
						Cable and plug:			
						0	without cable		
						1	with cable, 2.0 m, open end		
						4	with cable, 0.8 m, open end		
						A	with cable, 2.0 m, European plug (EN 50075)		
							Control:		
							0	Mains power supply ON/OFF	
								Mounting type:	
								W	Wall-mounting

DF 2a	DULCO®flex, Version DF2a									
									Accessories:	
									0	without accessories
									1	with foot valve 1/4", lipped injection valve, 2 m suction line, 5 m discharge line

2 Safety and responsibility

2.1 Labelling of Warning Information

Introduction

These operating instructions provide information on the technical data and functions of the product. These operating instructions provide detailed warning information and are provided as clear step-by-step instructions.

The warning information and notes are categorised according to the following scheme. A number of different symbols are used to denote different situations. The symbols shown here serve only as examples.



DANGER

Nature and source of the danger

Consequence: Fatal or very serious injuries.

Measure to be taken to avoid this danger.

Description of hazard

– Denotes an immediate threatening danger. If the situation is disregarded, it will result in fatal or very serious injuries.



WARNING

Nature and source of the danger

Possible consequence: Fatal or very serious injuries.

Measure to be taken to avoid this danger.

– Denotes a possibly hazardous situation. If the situation is disregarded, it could result in fatal or very serious injuries.



CAUTION

Nature and source of the danger

Possible consequence: Slight or minor injuries. Material damage.

Measure to be taken to avoid this danger.

– Denotes a possibly hazardous situation. If the situation is disregarded, it could result in slight or minor injuries. May also be used as a warning about material damage.



NOTICE

Nature and source of the danger

Damage to the product or its surroundings.

Measure to be taken to avoid this danger.

– Denotes a possibly damaging situation. If the situation is disregarded, the product or an object in its vicinity could be damaged.



Type of information

Hints on use and additional information.

Source of the information. Additional measures.

- *Denotes hints on use and other useful information. It does not indicate a hazardous or damaging situation.*

2.2 Safety information



WARNING

Danger from hazardous substances!

Possible consequence: fatal or very serious injuries.

When handling hazardous substances, please ensure that you have read the latest material safety data sheets provided by the manufacturer of the hazardous substances. The measures required are described in the material safety data sheet. Check the material safety data sheet regularly and replace it, if necessary, as the hazard potential of a substance can be re-evaluated at any time based on new findings.

The system operator is responsible for ensuring that the material safety data sheets are available and that they are kept up to date, as well as for producing an associated hazard assessment for the workplaces affected.



⚠ WARNING

Danger of electric shock

Supply voltage may be present inside the pump housing.

Immediately disconnect the pump from the mains power supply if the pump housing has been damaged. Only return the pump to operation after an authorised repair.



CAUTION

Warning of feed chemical spraying around

The metering pump can generate a multiple of its nominal pressure. Hydraulic parts can rupture if a pressure line is blocked. -

Correctly install a relief valve in the pressure line downstream of the metering pump.



CAUTION

Warning of backflow

A metering pump is not a fully leak-tight shut-off device.

Use a shut-off valve, a solenoid valve or a vacuum breaker for this purpose.



CAUTION

Injury to personnel and material damage

The pump may start to pump as soon as it is connected to mains voltage.

Install an emergency cut-off switch in the power supply line to the pump or integrate the pump in the emergency cut-off management of the system.



CAUTION

Unit starts immediately

The unit does not have an On/Of switch and starts working as soon as it is connected to the mains voltage.

Only connect the unit to the mains voltage when all installation work has been completed and the pumped chemicals can no longer escape in an uncontrolled manner.



CAUTION

Contact with chemicals

De-pressurise, drain and flush the hydraulic part of the unit before working on it.



Safety equipment

The transparent cover on the liquid end is used to prevent direct contact with the rotor and escaping chemicals in the event of a ruptured hose.

Information in the event of an emergency

In the event of an electrical accident, disconnect the mains cable from the mains/power supply or press the emergency cut-off switch fitted on

the side of the system. If feed chemical escapes, switch off the pump by pressing *[Stop/Start]*. If necessary, ensure that the hydraulic environment around the pump is at atmospheric pressure. Pay attention to the material safety data sheet for the feed chemical.

2.3 Intended use

- Only use the unit to meter liquid media.
- Only use the unit in accordance with the technical data and specifications outlined in the operating instructions.
- Any other uses or modifications to the system are prohibited
- Do not use the unit to meter gaseous media or solids.
- Do not use the unit to meter flammable media.
- Only use the unit with further protection (exterior housing, weatherproof roof) for external use. The housing can be affected by direct sunlight
- Only allow adequately qualified and technically expert personnel to operate the unit
- Observe the general limitations with regard to viscosity limits, chemical resistance and density - refer also to the ProMinent® Resistance List in the Product Catalogue or at www.prominent.com!
- The pump is not intended for operation in areas at risk from explosion.

All other uses or modifications are prohibited.

2.4 User qualification



WARNING

Danger of injury with inadequately qualified personnel

The operator of the system / equipment is responsible for ensuring that all qualifications are complied with. If inadequately qualified personnel work on the equipment or loiter in the hazard zone of the equipment, this could result in dangers that could cause serious injuries and material damage.

- Ensure that all work on the equipment is therefore only performed by qualified personnel.
- Keep unqualified personnel away from the hazard zone.

All pertinent accident prevention regulations, as well as all other generally acknowledged safety regulations, must be adhered to.

Training	Definition
Instructed person	An instructed person is deemed to be a person who has been instructed and, if required, trained in the tasks assigned to them and possible dangers that could result from improper behaviour, as well as having been instructed in the required protective equipment and protective measures.
Trained user	A trained user is a person who fulfils the requirements expected of an instructed person and who has also received additional training specific to the system from the manufacturer or another authorised distribution partner.
Trained, qualified employee	A trained, qualified employee is deemed to be a person who is able to assess the tasks assigned to them and recognise possible hazards based on their training, knowledge and experience, as well as knowledge of the pertinent regulations. A trained, qualified employee must be able to perform the tasks assigned to them independently with the assistance of drawing documentation and parts lists. The assessment of a person's technical training can also be based on several years of work in the relevant field.
Electrical technician	An electrical technician is able to complete work on electrical systems and recognise and avoid possible dangers independently based on their technical training and experience as well as knowledge of the pertinent standards and regulations. An electrical technician must be able to perform the tasks assigned to them independently with the assistance of drawing documentation, parts lists, terminal and circuit diagrams. The electrical technician must be specifically trained for the working environment in which they are employed and be conversant with the relevant standards and regulations.
Service	Service refers to service technicians, who have received proven training and have been authorised by the manufacturer to work on the system.

3 Storage and Transport

Store and transport the unit in its original packaging.

Protect the unit against moisture and the effects of chemicals, even while still packaged.

Ambient conditions for storage and transport

Permissible ambient temperature: -10 ... 45 °C

Permissible storage temperature: -10 ... 55 °C

Permissible medium temperature: -10 ... 45 °C

Humidity: max. 95 % rel. humidity, condensation not permitted.

Other: No direct sunlight.

4 Overview of equipment / Functional description

Overview of equipment

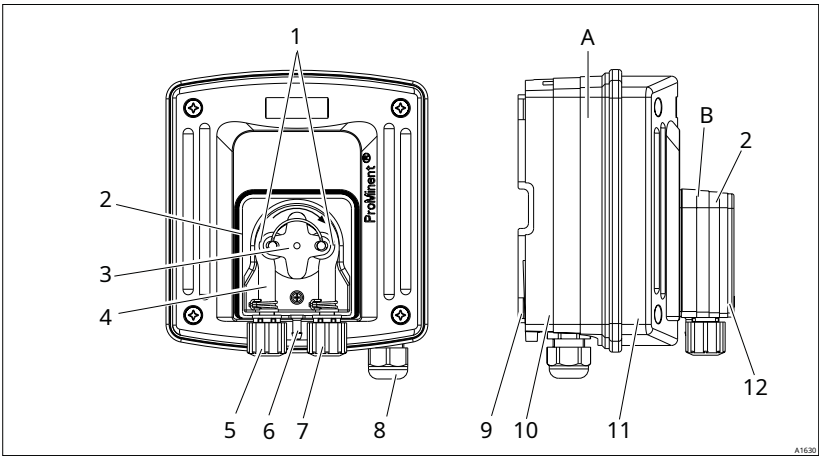


Fig. 1: Overview of equipment

1. Rollers with tensioning springs
2. Dosing head
3. Rotor
4. Pump hose
5. Hose connector, suction side
6. Leakage fitting
7. Hose connector, discharge side
8. Threaded connector
9. Wall bracket
10. Rear section of housing, power end
11. Upper section of housing, power end
12. Transparent cover

A. Drive unit
B. Liquid end

Functional description

An electric motor drives a rotor. Spring-mounted rollers are fitted to the ends of the rotors, which press the pump hose against the inner wall of the dosing head.

The peristaltic pump operates by the rollers driving the feed chemical through the pump hose. The feed chemical is primed by the pump hose returning to its initial position.

5 Assembly and installation

- **User qualification, mechanical installation:** trained qualified personnel, see ➥ *Chapter 2.4 'User qualification' on page 10*
- **User qualification, electrical installation:** Electrical technician, see ➥ *Chapter 2.4 'User qualification' on page 10*

General information on installation and assembly

The unit is resistant to normal atmospheres in plant rooms.

Permissible ambient temperature: -10 ... 45 °C.

Permissible medium temperature: -10 ... 45 °C.

Other ambient conditions: No direct sunlight.

Please observe the applicable national regulations and guidelines during installation.

5.1 Assembling the peristaltic pump

Wall mounting

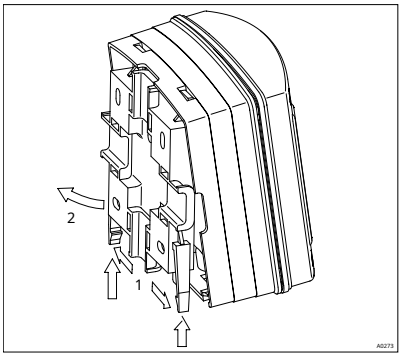


Fig. 2: Removing the wall/tube retaining bracket

1. Remove the wall/tube retaining bracket. Pull the two snap-hooks (1) outwards and push upwards
2. Fold out the wall/tube retaining bracket (2) and pull out in a downwards direction
3. Mark two drill holes diagonally to each other, using the wall/tube retaining bracket as a drilling template
4. Drill holes: Ø 8 mm, d = 50 mm

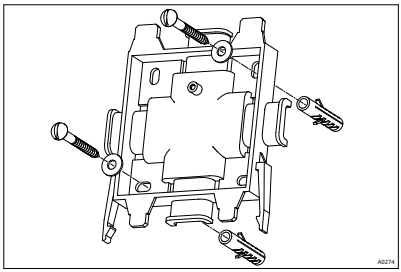


Fig. 3: Screw the wall/tube retaining bracket in place using the washers

5. Screw the wall/tube retaining bracket in place using the washers
6. Suspend the peristaltic pump at the top of the wall/tube retaining bracket and, using light pressure, press it against the wall/tube retaining bracket at the bottom. Then press upwards until the peristaltic pump audibly snaps into position.

Pipe assembly

Pipe diameter

Pipe diameter: 25 mm to 60 mm.

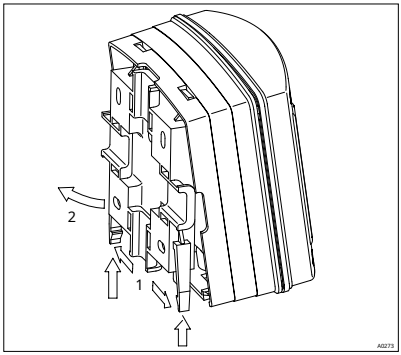


Fig. 4: Removing the wall/tube retaining bracket

1. Remove the wall/tube retaining bracket. Pull the two snap-hooks (1) outwards and push upwards
2. Fold out the wall/tube retaining bracket (2) and pull out in a downwards direction
3. Secure the wall/tube retaining bracket to the pipe with cable ties (or pipe clamps).

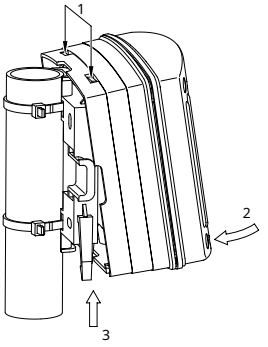


Fig. 5: Suspend the peristaltic pump and fix in place

4. Suspend the peristaltic pump (1) at the top of the wall/tube retaining bracket and, using light pressure, press it against the wall/tube retaining bracket at the bottom (2). Then press upwards (3) until the peristaltic pump audibly snaps into position.

5.2 Installing hose lines

Only use original hoses with the specified hose dimensions 6 x 4 mm or 10 x 4 mm, otherwise the durability of the connection cannot be guaranteed.

Avoid reducing the hose sizes.

Ensure that the hose lines used are capable of withstanding twice the operating pressure of the peristaltic pump.

Standard connector (6x4) - Installing the suction and metering line:

Installing the suction and metering line:

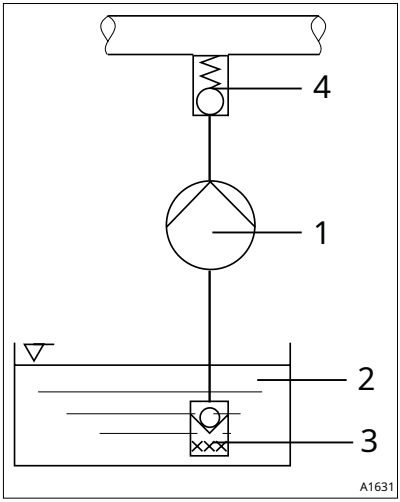


Fig. 6: Installation diagram

1. Peristaltic Pump
2. Dosing tank
3. Foot valve or suction lance
4. Injection valve

1. Cut off the ends of the hoses at right angles.

2. Screw on the union nut and slide it over the hose.

3. Push the hose end over the suction connector as far as the stop.

4. Connect the pressure line to the pressure connector.

5. Connect the suction line to the suction connector.

6. Tighten the union nut.

7.

NOTICE

With feed chemicals that can form sediment, ensure that the foot valve is suspended a minimum of 50 mm above the base of the tank.

Shorten the free end of the suction line so that the foot valve hangs just above the base of the tank.

8. Feed the hose line back from the leakage fitting to the feed chemical tank.

Pressure side special connector (10x4) - Installing the suction and metering line:

1. Cut off the ends of the hoses at right angles.
2. Pull the union nut and clamp ring over the hose.
3. Push the hose end over the nozzle as far as the stop.
4. Attach the hose with the nozzle to the pressure connector.
5. Clamp the hose connector: tighten the union nut while simultaneously pressing on the hose.
6. Check that the hose is fixed in place.

5.3 Electrical installation of the peristaltic pump

- Only carry out the electrical installation once the mechanical and hydraulic installations have been completed.
- During installation, ensure that the mains cable is de-energised and has been secured to prevent it from being switched on again.
- Fit a short-circuit fuse during installation.
- Fit an Off switch for the mains power supply during installation.

Mains cable

Let the mains cable project from the housing so that the front section of the housing can be removed.

Remove around 120 mm from the outer insulation of the mains cable.

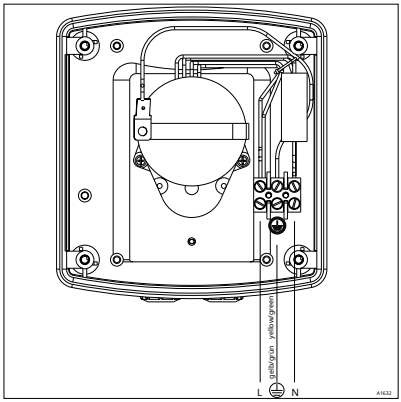


Fig. 7: Terminal diagram

1. Loosen the four screws and remove the upper part of the housing
2. Break out the small bore hole at the far right on the underside of the housing
3. Screw the required threaded connector in and tighten it properly (not the clamping screw)
4. Insert the reducing insert into the threaded connector depending on the cable cross-section used
5. Guide the mains cable into the threaded connector
6. Insulate the mains cable and press on the corresponding cable end sleeves
7. Connect the mains cable accordingly, see *Fig. 7* (protective conductor connection)
8. Tighten the clamping nut of the threaded connector so that they are properly sealed
9. Place the front section of the housing on the read section of the housing
10.

Once again check that the seal is seated properly. Protection class IP 65 is only achieved if it is correctly assembled.

Manually tighten the four housing screws

6 Start up

- **User qualification:** trained user, see
  ➥ *Chapter 2.4 'User qualification' on page 10*



WARNING

Danger from hazardous substances!

Possible consequence: fatal or very serious injuries.

When handling hazardous substances, please ensure that you have read the latest material safety data sheets provided by the manufacturer of the hazardous substances. The measures required are described in the material safety data sheet. Check the material safety data sheet regularly and replace it, if necessary, as the hazard potential of a substance can be re-evaluated at any time based on new findings.

The system operator is responsible for ensuring that the material safety data sheets are available and that they are kept up to date, as well as for producing an associated hazard assessment for the workplaces affected.



Only operate the pump once it has been correctly installed.

Only operate the pump once the transparent cover has been screwed on.

1. Disconnect the pressure hose from the hose connector
2. Allow the peristaltic pump to run until the pump hose is filled
3. Switch off the peristaltic pump once the pump hose has been filled
4. Re-connect the pressure hose to the hose connector
5. Allow the peristaltic pump to run for a short time

   ➥ The peristaltic pump is now ready for operation
6. Check the threaded connectors and pipe system for leak-tightness

7 Maintenance, repair and faults

- **User qualification:** trained user, see ➥ *Chapter 2.4 'User qualification' on page 10*



WARNING

Danger from hazardous substances!

Possible consequence: fatal or very serious injuries.

When handling hazardous substances, please ensure that you have read the latest material safety data sheets provided by the manufacturer of the hazardous substances. The measures required are described in the material safety data sheet. Check the material safety data sheet regularly and replace it, if necessary, as the hazard potential of a substance can be re-evaluated at any time based on new findings.

The system operator is responsible for ensuring that the material safety data sheets are available and that they are kept up to date, as well as for producing an associated hazard assessment for the workplaces affected.

7.1 Maintenance

After extended periods of idleness

If the peristaltic pump has not pumped gaseous or adhesive feed chemicals for a longer period of time, checked whether the state of the hoses permits reliable operation.

Approx. every six months

Checks:

- Visual control of the liquid end
- Check the pump hose for leak-tightness
- Check the pump connectors for leak-tightness

Shorter maintenance intervals may be necessary depending on the feed chemicals used and operating conditions.

Approx. annually

Replace the pump hose.



This can lead to a reduction in pump capacity over time depending on the operating conditions. Therefore replace the pump hose earlier if necessary.

The power end is maintenance-free.

7.2 Repair



Ensure that the system is at atmospheric pressure.

Drain the pump hose and thoroughly rinse it with a suitable medium.

Only turn the rotor in a clockwise direction.

Changing the pump hose

1. Loosen the suction hose and the discharge hose from the hose connectors
2. Loosen the fixing bolt on the transparent cover and remove the transparent cover
3. Remove the suction-side hose connector (left) from its mounting
4. Carefully pull the pump hose out under the rollers
5.

   When doing so, ensure that the rounded sides of the hose connectors are pointing towards the unit.

   Insert the two hose connectors of the new pump hose into the two mountings.
6. Briefly switch on the motor. The pump hose moves into the correct position under the rollers
7. Replace the transparent cover on the housing and screw it into place
8. Fix the suction hose and the discharge hose to the hose connectors

7.3 Troubleshooting

Fault	Cause	Remedy
The peristaltic pump no longer reaches full pump capacity	The pump hose has lost its elasticity	Replace the pump hose, see ➦ *Chapter 7.2 'Repair' on page 17*
In all other cases, notify your service technician or your ProMinent branch.		

8 Decommissioning and disposal

- **User qualification:** instructed user, see ➥ *Chapter 2.4 'User qualification' on page 10*



WARNING

Danger from hazardous substances!

Possible consequence: fatal or very serious injuries.

When handling hazardous substances, please ensure that you have read the latest material safety data sheets provided by the manufacturer of the hazardous substances. The measures required are described in the material safety data sheet. Check the material safety data sheet regularly and replace it, if necessary, as the hazard potential of a substance can be re-evaluated at any time based on new findings.

The system operator is responsible for ensuring that the material safety data sheets are available and that they are kept up to date, as well as for producing an associated hazard assessment for the workplaces affected.



During decommissioning, de-energise the mains cable and ensure that it cannot be switched on again.

Thoroughly clean the housing and especially the pump hose of chemicals and dirt when decommissioning the unit.

1. Disconnect the unit from the mains power supply
2. Drain the pump hose and thoroughly flush it with a suitable medium

Comply with the storage conditions for temporary decommissioning.

8.1 Disposal of used parts

- **User qualification:** instructed user, see ➥ *Chapter 2.4 'User qualification' on page 10*



NOTICE

Regulations governing the disposal of used parts

– Note the national regulations and legal standards that currently apply in your country

The manufacturer will take back decontaminated used devices providing they are covered by adequate postage.

Decontaminate the device before returning it. To do so, remove all traces of hazardous substances. Refer to the material safety data sheet for your feed chemical as well.

A current Declaration of Decontamination is available to download on the ProMinent website.

9 Technical data

Pump type	Max. pump capacity at max. back pressure			Connector size Ø x Ø	Suction lift	Priming lift	Permissible priming pressure suction side
	bar	50 Hz	60 Hz	mm	m	m	bar
		l/h	l/h				
0204	1.5	0.4	0.48	6 x 4, 10 x 4	4	2	0.5
0208	1.5	0.8	0.96	6 x 4, 10 x 4	4	2	0.5
0216	1.5	1.6	1.92	6 x 4, 10 x 4	4	2	0.5
0224	1.5	2.4	2.88	6 x 4, 10 x 4	4	2	0.5
All data calculated with water at 20°C.							

Precision

The starting precision of the pump capacity is ± 10%. The pump capacity can fall during operation due to damage to the elasticity of the pump hose.

Materials specifications and resistance

Part	Material
Pump hose	PharMed®
Hose connectors	PVDF
Dosing head	PPE
Transparent cover	PC
Housing (power end)	PPE-GF
Wall bracket	PPE-GF
Housing seal	Silicone
Housing screws	M4 A2
Cable threaded connectors	Polyamide/Neoprene®

Tab. 3: Design for fragrance metering

Part	Material
Pump hose	Viton®
Hose connectors	PVDF
Dosing head	PA12
Transparent cover	PA12
Housing (power end)	PP+GF
Wall bracket	PA+GF
Housing seal	Silicone
Housing screws	M4 A2
Cable threaded connectors	Polyamide/Neoprene®

Chemical resistance

The device is resistant to normal atmospheres in plant rooms.

Resistance to chemicals, see ProMinent Resistance List (homepage or Product Catalogue).

UV resistance

- Do not expose the device to direct UV radiation.

No short-circuit fuse is fitted and needs to be taken into consideration in installation.

Description	Data
Dimensions	126 x 136 x 105 mm (WxHxD)
Weight:	Total weight (including installation material) approx. 750 g
	Total weight (net), approx. 600 g
Electrical data:	
Connection voltage:	230 V ±10% at 50/60 Hz
Power consumption:	approx. 5 W / DF2a 0224 V approx. 7 w
Switching-on duration:	100% / DF2a 0224 V: 60%
Degree of protection:	Protection class 1, mains connection with protective conductor
Protection against contact and humidity:	IP 65
Permissible ambient temperature: -10 ... 45°C	
Permissible storage temperature: -10 ... 55°C	
Permissible medium temperature: -10 ... 45°C	
Sound pressure level (LpA):	< 30 dB (EN ISO 20361)

9.1 Accessories and spare parts

Accessories

Description	Order number
Installation material for DULCO®flex, complete	1007297
Mains cable	via identity code
Injection valve and foot valve	via identity code
Suction lances	see Product Catalogue

Spare parts

Description	Order number
Hose, Pharmed®	1009480
Hose, Viton®	1023842
Union nut Ø6-Gl/4"	1009968
Union nut Ø10-Gl/4"	1008908
Adapter G1/4"-M20x1.5, PVC	1044908
Connector set, simple, 10x4 PCB	1002589
Dosing head, PPE	1007672
Transparent cover, PC	1007736
Dosing head, PA	1023844
Transparent cover, PA	1023845
PT bolt Torx, 30x14/6	1008912
Grooved ball bearing	1017985

9.2 Dimension sheet

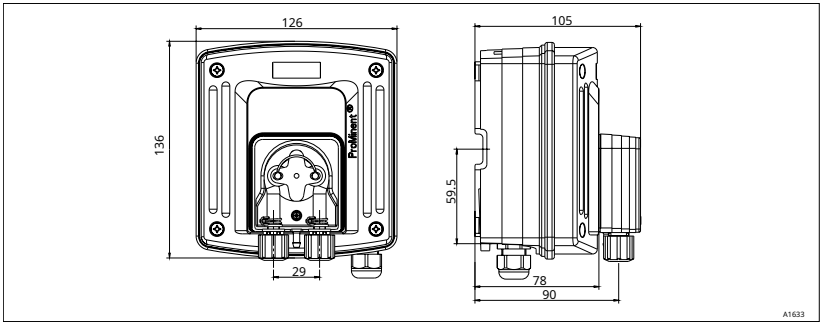


Fig. 8: Dimension sheet for DF2a

10 EU Declaration of Conformity for Machinery

In accordance with DIRECTIVE 2006/42/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL, Appendix I, BASIC HEALTH AND SAFETY REQUIREMENTS, section 1.7.4.2. C.

We,

- ProMinent GmbH
- Im Schuhmachergewann 5 - 11
- DE - 69123 Heidelberg,

hereby declare that the product specified in the following, complies with the relevant basic health and safety requirements of the EC Directive, on the basis of its functional concept and design and in the version distributed by us. Any modification to the product not approved by us will invalidate this declaration.

Designation of the product:	Peristaltic Pump DULCO®flex DF2a
Serial number:	see nameplate on the device
Relevant EU directives:	Machinery Directive (2006/42/EC) EMC Directive (2014/30/EU) Compliance with the protection targets of the Low Voltage Directive 2006/95/EC according to Appendix I, No. 1.5.1 of the Machinery Directive 2006/42/EC RoHS Directive (2011/65/EU)
Harmonised standards applied, in particular:	EN ISO 12100:2010 EN 809:1998 + A1:2009+AC:2010 EN 61010-1:2010 EN 50581:2012 EN 61000-6-2:2005 + AC:2005 EN 61000-6-3:2007+A1:2011+AC:2012
Place, Date:	Heidelberg, 20.04.2016

11 Index

A

Action, step by step 2
Ambient conditions 11
Ambient temperature 11
Applied harmonised standards 24

C

Changing the pump hose 17

D

Declaration of Conformity 24
Designation of the product 24
Device components 12

F

Fixing materials 13
Fragrance metering 21
Functional description 12

G

General information on installation and assembly 13
General non-discriminatory approach 2

I

Installation 13

L

Links to elements or sections of these instructions or other applicable documents . . . 2

M

Maintenance: After extended periods of idleness 17
Maintenance: approx. annually 17
Maintenance: approx. every six months 17
More symbols 2

P

Pipe assembly 13
Pipe diameter: 25 mm to 60 mm. 13

Q

Question: Where can I find the Declaration of Conformity? 24
Question: Which standards are complied with? 24

R

Relevant EU directives 24

S

Safety information 2
Serial number 24
Standards complied with 24

T

Transparent cover 16

U

User qualification 10

W

Wall mounting 13
Warning information 2, 7
Washer 13

ProMinent GmbH
Im Schuhmachergewann 5 - 11
69123 Heidelberg
Germany
Telephone: +49 6221 842-0
Fax: +49 6221 842-215
Email: info@prominent.com
Internet: www.prominent.com

984881, 4, en_GB, © 2026

© 2026