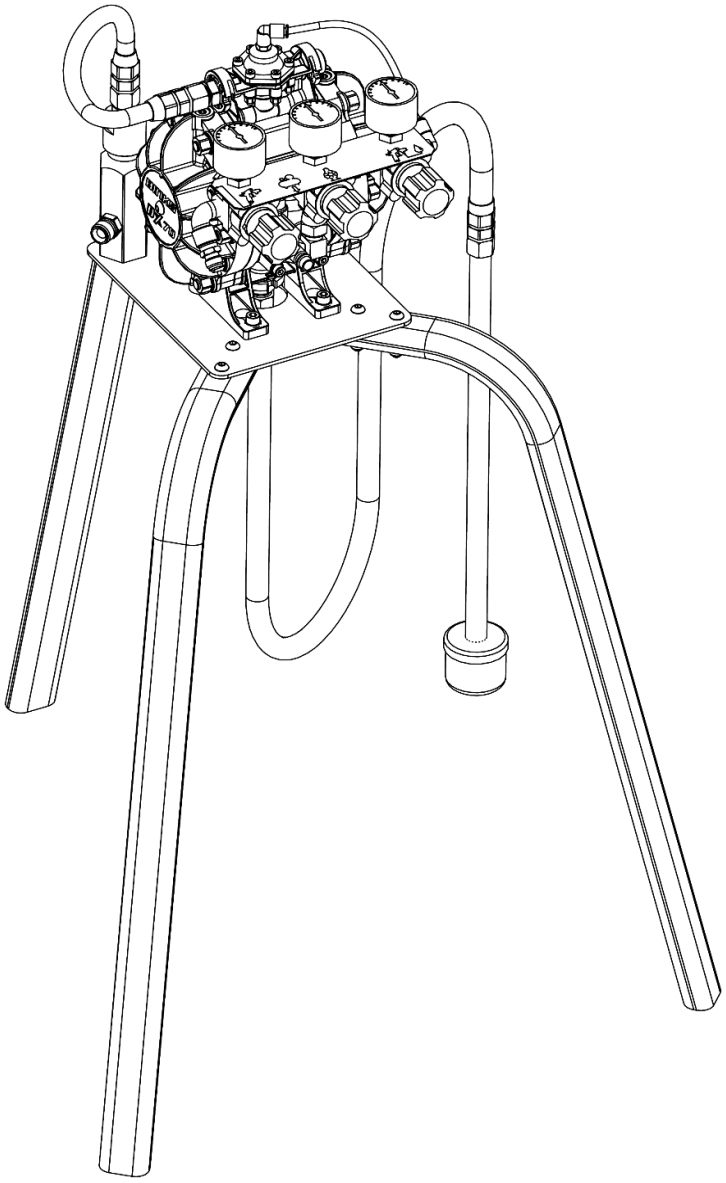
INSTALLATION MANUAL EN

77-3201

DX70
Pump Packages



Patent US 9447780

ADDITIONAL RESOURCES

For additional information or copies of your service manual, please visit us online at:
binks.com/en/library

Obey local or municipal regulations for product recycling and disposal.

IMPORTANT! DO NOT DESTROY
It is the Customer's responsibility to have all operators and service personnel read and understand this manual. Contact your local Binks representative for additional copies of this manual.
READ ALL INSTRUCTIONS BEFORE OPERATING THIS PRODUCT

Product Description / Object of Declaration:	**Diaphragm Pumps - DX70, DX200, DX200-3 Bare pump and packages**
This Product is designed for use with:	**Solvent & Waterbased Materials**
Suitable for use in hazardous area:	**Zone 1/Zone 2**
Protection Level:	**II 2 G Ex h IIB T4 Gb**
Notified body details and role:	**Element Materials Technology Rotterdam B.V. (2812)**
	Lodging of ATEX Technical file
This Declaration of Conformity / Incorporation is issued under the sole responsibility of the manufacturer:	**Binks U.K. Limited, Ringwood Road, Bournemouth, BH11 9LH. UK**
Representative authorised to compile the technical file	**President @. Binks France SAS 5 Place Pierre Semard, 94130 Nogent sur Marne , Paris, France**

EU Declaration of Conformity

CE Ex

This Declaration of Conformity / Incorporation is issued under the sole responsibility of the manufacturer:

Machinery Directive 2006/42/EC
ATEX Directive 2014/34/EU
by complying with the following statutory documents and harmonised standards:
EN ISO 12100:2010 Safety of Machinery - General Principles for Design
EN 12621:2006+2010 Machinery for the supply and circulation of coating materials under pressure - Safety requirements
EN ISO 80079-36:2016 Explosive Atmospheres- Part 36:Non Electrical equipment for explosive atmospheres-Basic methods and requirements.
EN ISO 80079-37:2016 Explosive Atmospheres- Part 37: Non Electrical equipment for explosive atmospheres - protection by methods "c", "b" and "k".
EN 1127-1:2019 Explosive atmospheres - Explosion prevention - Basic concepts

Providing all conditions of safe use / installation stated within the product manuals have been complied with and also installed in accordance with any applicable local codes of practice.

Signed for and on behalf of Binks U.K. Ltd:	F. A. Sutter	Executive President: Engineering and Operations, Shoreview, MN, 55126. USA
Document Part No. . EN	22-04-25	

Product Description / Object of Declaration:	**Diaphragm Pumps - DX70, DX200, DX200-3 Bare pump and packages**
This Product is designed for use with:	**Solvent & Waterbased Materials**
Suitable for use in hazardous area:	**Zone 1/Zone 2**
Protection Level:	**II 2 G Ex h IIB T4 Gb**
Approved body details and role:	**Element Materials Technology Warwick Ltd. UK. (0891)**
	Lodging of UKEX Technical file
This Declaration of Conformity / Incorporation is issued under the sole responsibility of the manufacturer:	**Binks U.K. Limited, Ringwood Road, Bournemouth, BH11 9LH. UK**

UKCA Declaration of Conformity

This Declaration of Conformity / Incorporation is issued under the sole responsibility of the manufacturer:

Supply of Machinery (Safety) Regulations 2008
Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016
by complying with the following statutory documents and designated standards:
BS EN ISO 12100:2010 Safety of Machinery - General Principles for Design
BS EN 12621:2006+2010 Machinery for the supply and circulation of coating materials under pressure - Safety requirements
BS EN ISO 80079-36:2016 Explosive Atmospheres- Part 36:Non Electrical equipment for explosive atmospheres-Basic methods and requirements.
BS EN ISO 80079-37:2016 Explosive Atmospheres- Part 37: Non Electrical equipment for explosive atmospheres - protection by methods "c", "b" and "k".
BS EN 1127-1:2019 Explosive atmospheres - Explosion prevention - Basic concepts

Providing all conditions of safe use / installation stated within the product manuals have been complied with and also installed in accordance with any applicable local codes of practice.

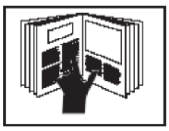
Signed for and on behalf of Binks U.K. Ltd:	F. A. Sutter	Executive President: Engineering and Operations, Shoreview, MN, 55126. USA
Document Part No. . EN	22-04-25	

In this part sheet, the words WARNING, CAUTION and NOTE are used to emphasize important safety information as follows:

WARNING	CAUTION	NOTE
Hazards or unsafe practices which could result in severe personal injury, death or substantial property damage.	Hazards or unsafe practices which could result in minor personal injury, product or property damage	Important installation, operation or maintenance information.

WARNING

Read the following warnings before using this equipment.



READ THE MANUAL. Before operating finishing equipment, read and understand all safety, operation and maintenance information provided in the operation manual.



WEAR SAFETY GLASSES. Failure to wear safety glasses with side shields could result in serious eye injury or blindness.



DE-ENERGIZE, DE-PRESSURISE, DISCONNECT AND LOCK OUT ALL POWER SOURCES DURING MAINTENANCE. Failure to de-energize, disconnect and lock out all power supplies before performing equipment maintenance could cause serious injury or death.



NOISE LEVELS. The A-weighted sound level of pumping and spray equipment may exceed 85 dB(A) depending on equipment settings. Actual noise levels are available on request. It is recommended that ear protection is worn at all times while equipment is in use.



INSPECT THE EQUIPMENT DAILY. Inspect the equipment for worn or broken parts on a daily basis. Do not operate the equipment if you are uncertain about its condition.



EQUIPMENT MISUSE HAZARD. Equipment misuse can cause the equipment to rupture, malfunction or start unexpectedly and result in serious injury.



HIGH PRESSURE CONSIDERATION. High pressure can cause serious injury. Relieve all pressure before servicing. Spray from the gun, hose leaks or ruptured components can inject fluid into your body and cause extremely serious injury.



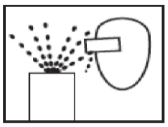
STATIC CHARGE. Fluid may develop a static charge that must be dissipated through proper grounding of the equipment, objects to be sprayed and alll other electrically conductive objects in the dispensing area. Improper grounding or sparks can cause a hazardous condition and result in fire, explosion or electric shock and other serious injury.



PROP 65 WARNING. WARNING: This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.



AUTOMATIC EQUIPMENT. Automatic equipment may start suddenly without warning.



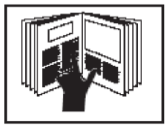
PROJECTILE HAZARD. You may be injured by venting liquids or gases that are released under pressure, or flying debris.



KNOW WHERE AND HOW TO SHUT OFF THE EQUIPMENT IN CASE OF AN EMERGENCY.



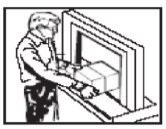
PRESSURE RELIEF PROCEDURE. Always follow the pressure relief procedure in the equipment instruction manual.



OPERATOR TRAINING. All personnel must be trained before operating finishing equipment.



PACEMAKER WARNING. You are in the presence of magnetic fields which may interfere with the operation of certain pacemakers.



KEEP EQUIPMENT GUARDS IN PLACE. Do not operate the equipment if the safety devices have been removed.



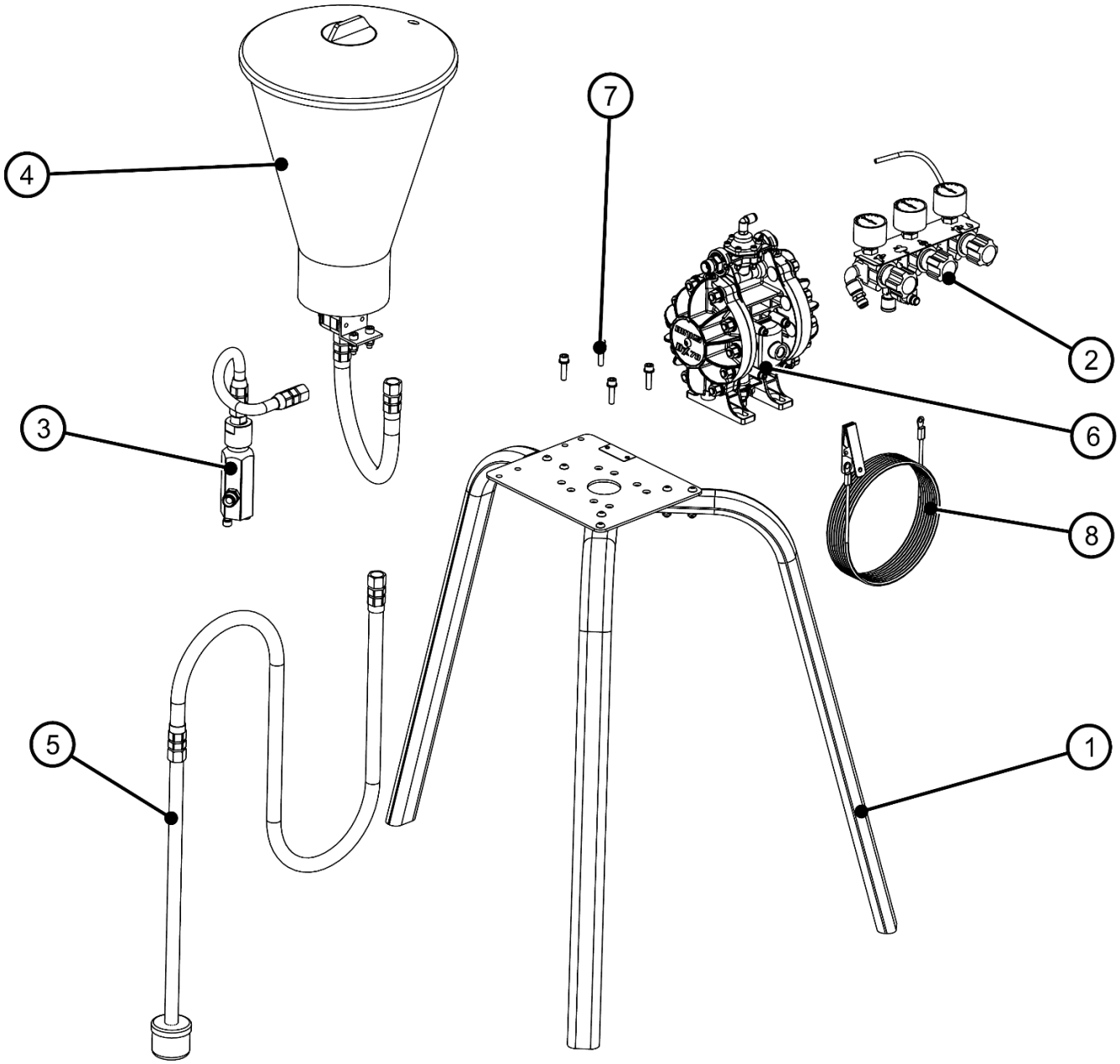
NEVER MODIFY THE EQUIPMENT. Do not modify the equipment unless the manufacturer provides written approval.



PINCH POINT HAZARD. Moving parts can crush and cut. Pinch points are any areas where ther are moving parts.

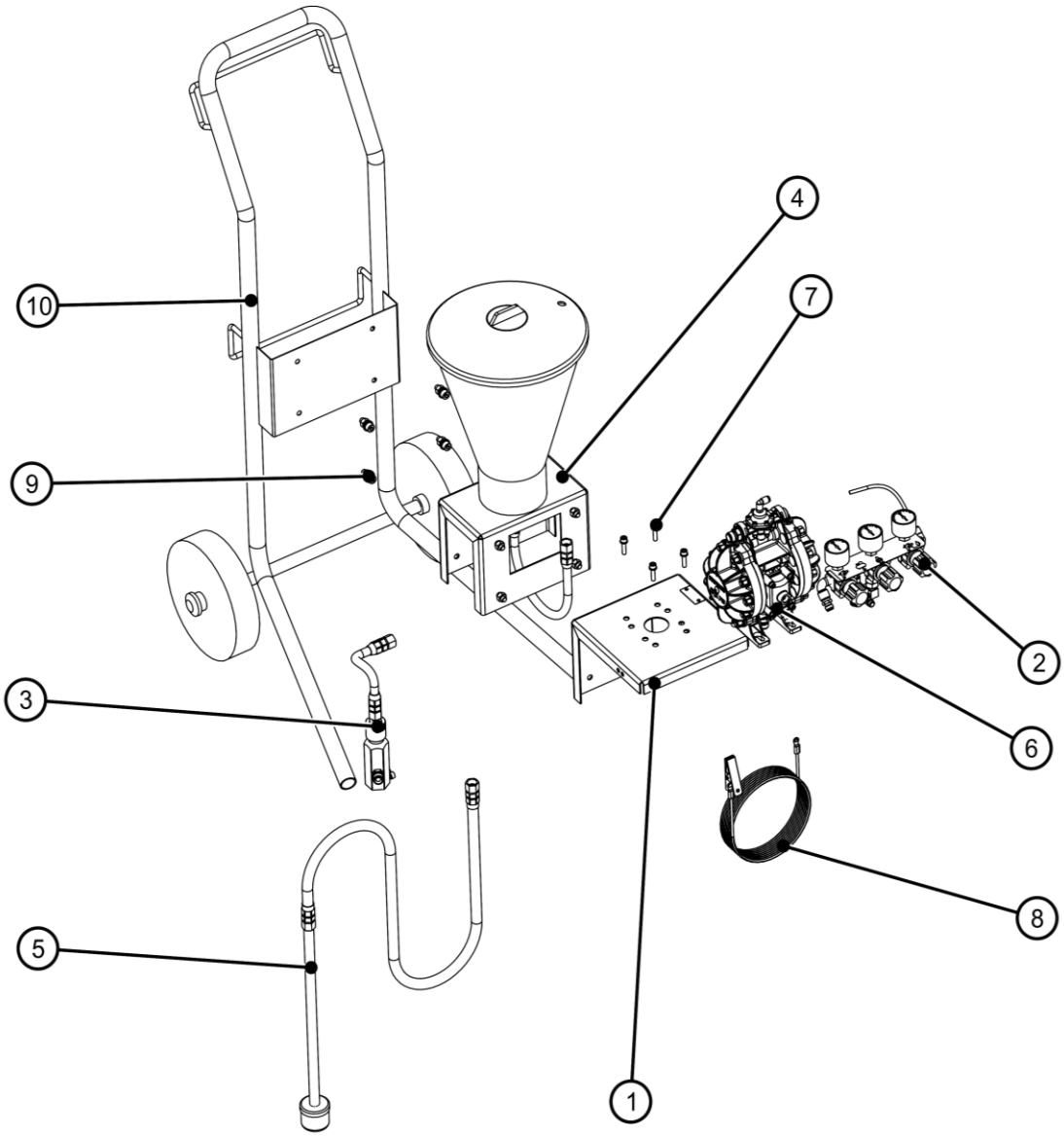
IT IS THE RESPONSIBILITY OF THE EMPLOYER TO PROVIDE THIS INFORMATION TO THE OPERATOR OF THE EQUIPMENT.

Tripod Mounted Pumps



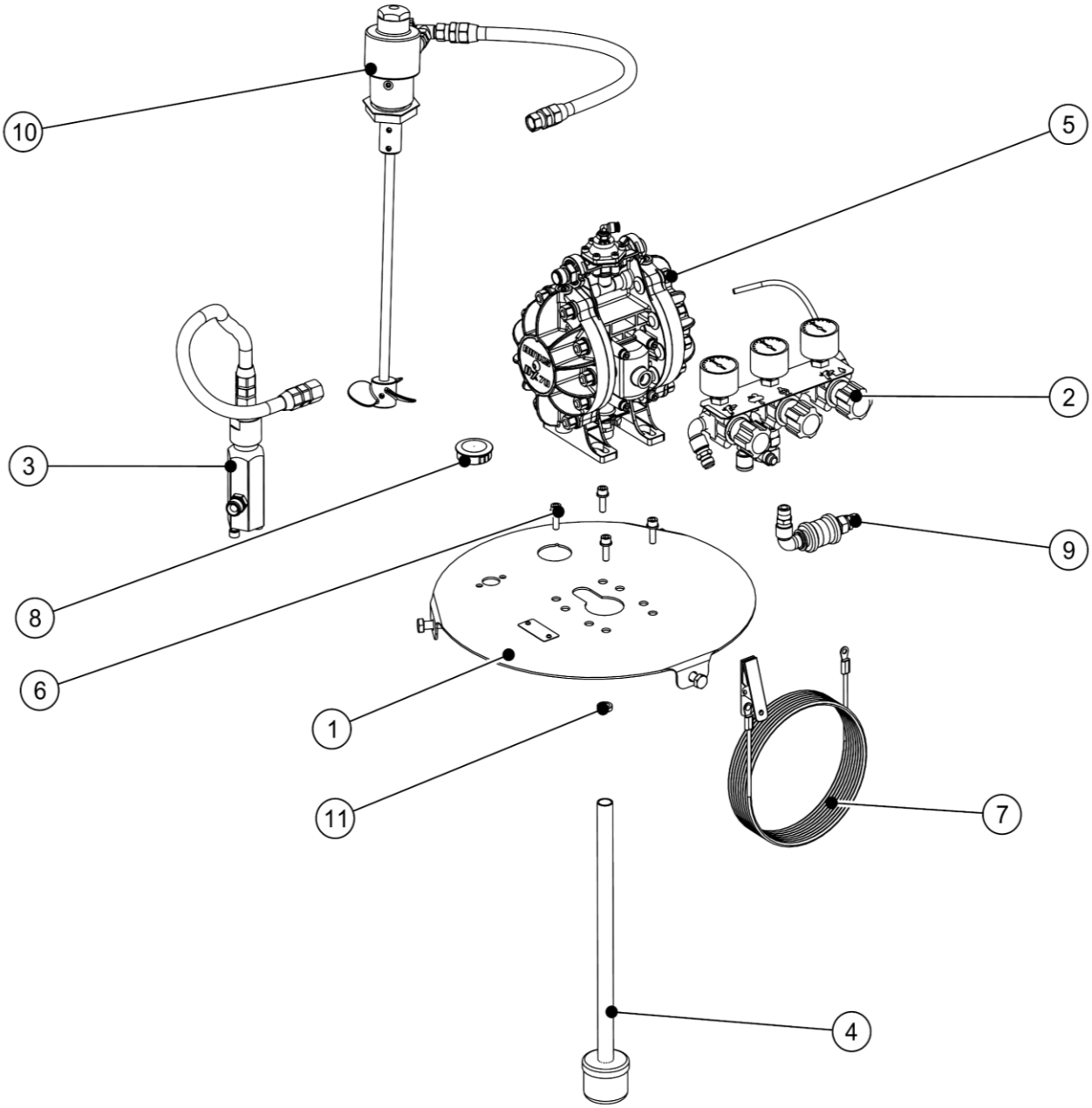
Item	Part No.	Description	See figure
1	DXA-T	DX Tripod assembly	F1
2	DXA-AC#	Air controls	F2
3	DXA-F10ME100	Filter assembly	F3
4	DXA-TG	Tripod gravity mount Kit	F4
5	DXA-S25ME15	Suction hose	F5
6	DX70#-##	Bare pump	-
7	DXK-100	Screw kit	-
8	0114-011798	4m Grounding cable	-

Cart & Wall Mounted Pumps



Item	Part No.	Description	See figure
1	DVX-101	Wall bracket	-
2	DXA-AC#	Air controls	F2
3	DXA-F10ME100	Filter assembly	F3
4	DXA-CG	Cart gravity feed kit	F6
	DXA-WG	Wall gravity feed kit	
5	DXA-S25ME15	Suction hose	F5
6	DX70#-##	Bare pump	-
7	DXK-100	Screw kit	-
8	0114-011798	4m Grounding cable	-
9	DXK-101	Screw kit	-
10	0115-010186	Cart	-

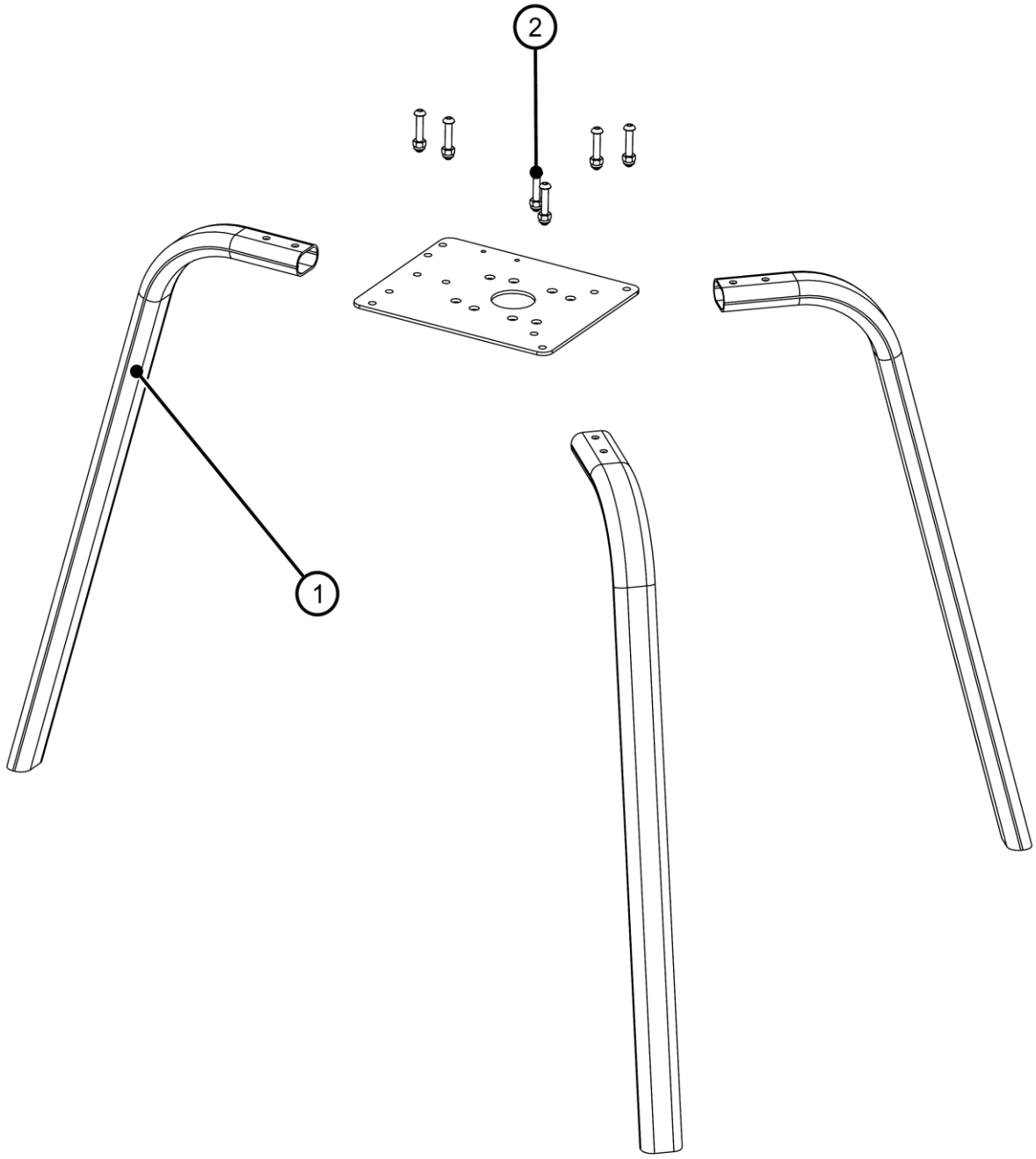
Pail Mounted Pumps



Item	Part No.	Description	See figure
1	DVX-116	Pail Lid	-
2	DXA-AC#	Air controls	F2
3	DXA-F10ME100	Filter assembly	F3
4	DXA-P25ME15	Pail Suction Tube	F7
5	DX70#-##	Bare pump	-
6	DXK-100	Screw kit	-
7	0114-011798	4m Grounding cable	-
8	0115-010337	Blanking Plug	-
9	DXA-AF	Agitator air supply	-
10	41-3312-S	Agitator	-
11	DXK-107	Seal - pack of 4	-

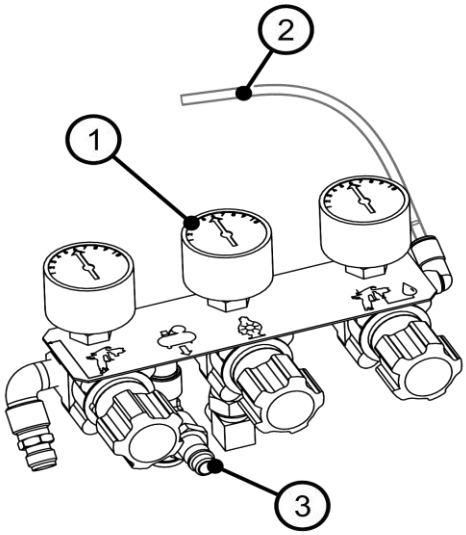
Reference figures

F1
DXA-T

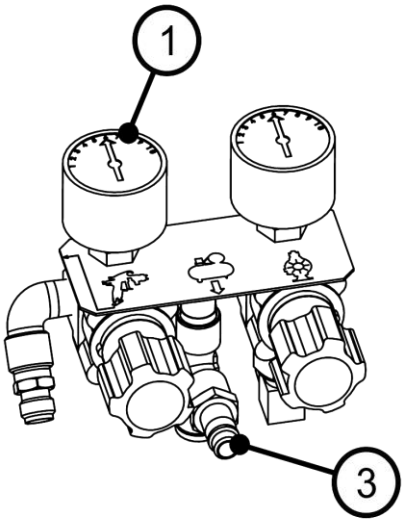


Item	Part No.	Description
1	0115-010210	Tripod leg
2	DXK-102	Fixing kit

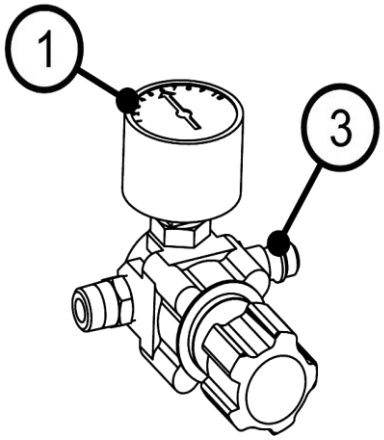
F2
DXA-AC3



F2
DXA-AC2

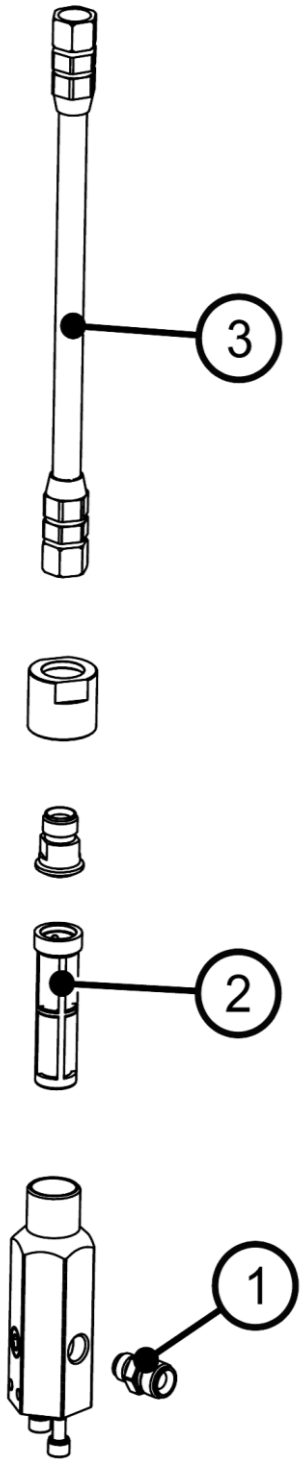


F2
DXA-AC1



Item	Part No.	Description
1	GA-382-P	Pressure gauge
2	S-1817	Ø4 [5/3"] Air tube
3	MPV-10	QD stem 1/4" female

F3
DXA-F10ME100



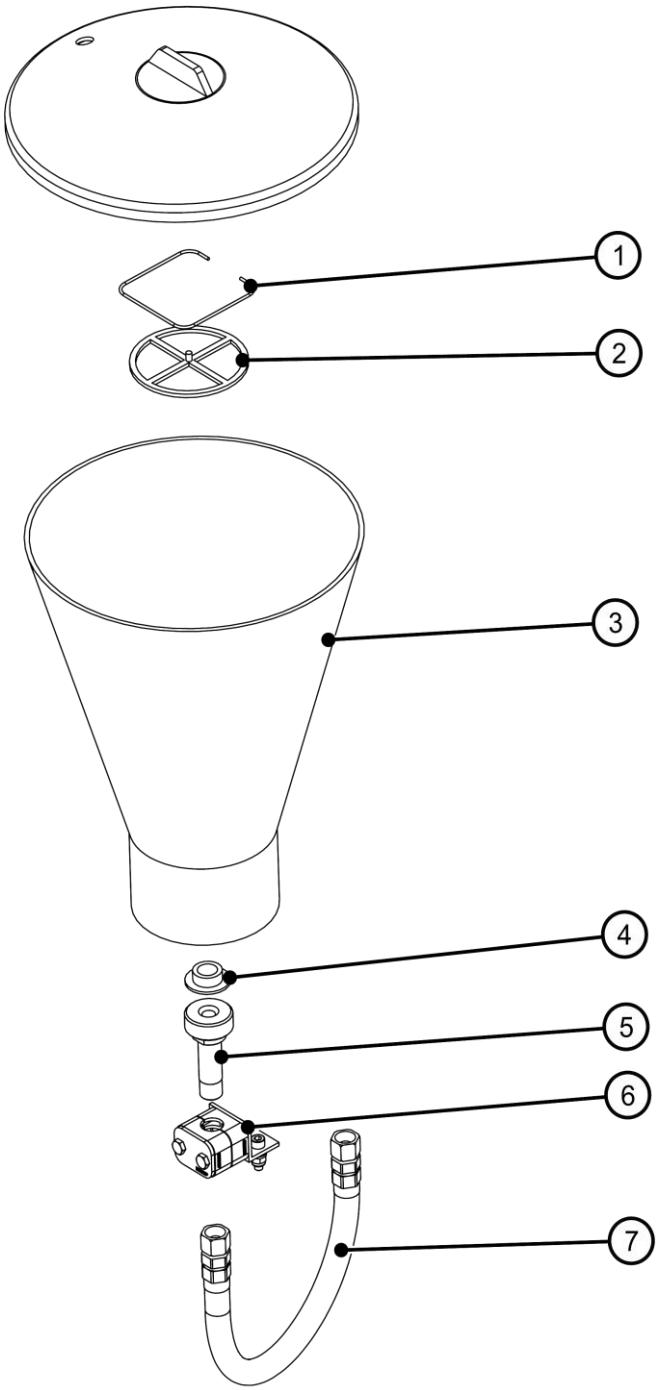
IMPORTANT NOTE

1. Filters that are supplied as part of a pump package will have the blanking plugs fixed in place with Loctite sealant to allow for full assembly testing.
Removal / repositioning of the blanking plugs may lead to damage to the filter which could void any warranty

2. Filters can be purchased with plugs not fixed, as spares.
Refer to Service Information Sheet 77-3334 for details

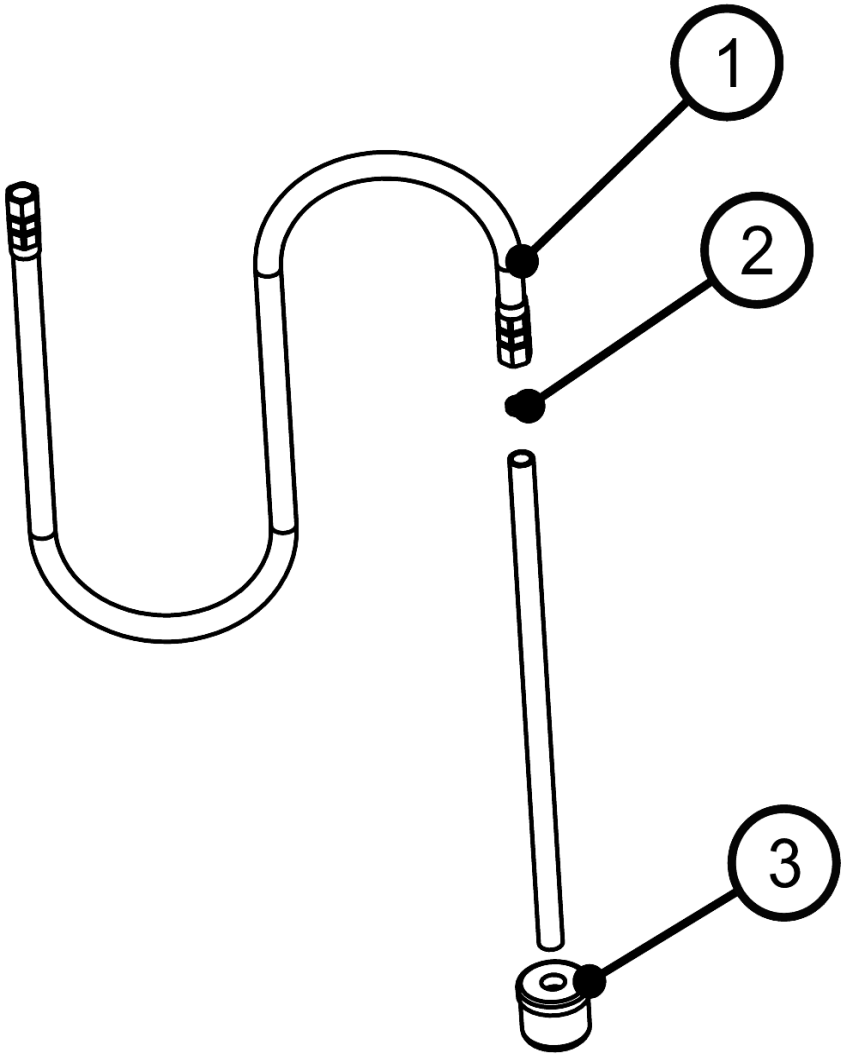
Item	Part No.	Description
1	0114-016021	3/8" x 1/4" Universal (BSPP/NPSM) nipple
2	VS-58	Filter 150 µm/100 mesh
	VS-58-60	Filter 250 µm/60 mesh
3	DVX-100	Filter feed hose

F4
DXA-TG



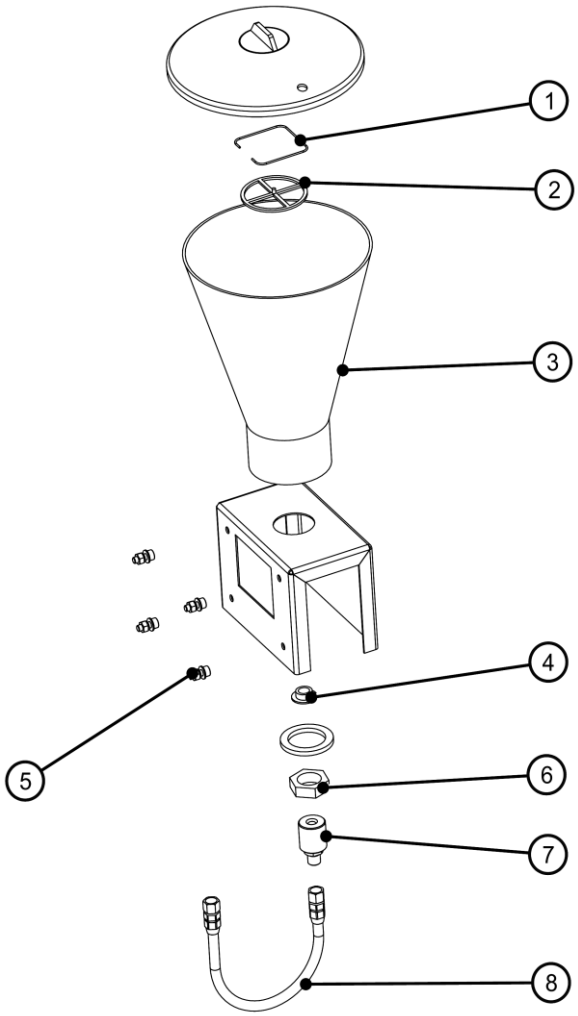
Item	Part No.	Description
1	00-00-0002148	Tension ring
2	00-00-0002147	Filter
3	ZZ-2571	6L [1.6 US Gal] Hopper
4	ZZ-2587	PTFE Seal
5	DVX-93	Adapter
6	DXK-103	Clamp kit
7	DVX-125	Suction hose

F5
DXA-S25ME15



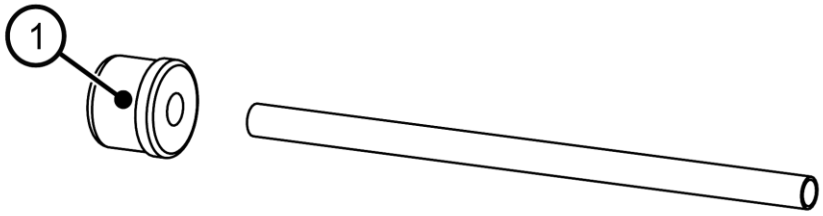
Item	Part No.	Description
1	DVX-86	Suction hose
2	DXK-104	Seal - pack of 4
3	DVX-89	Strainer 1300µm/15 mesh

F6
DXA-CG & WG



Item	Part No.	Description
1	00-00-0002148	Tension ring
2	00-00-0002147	Strainer
3	ZZ-2571	6L [1.6 US Gal] Hopper
4	ZZ-2587	PTFE Seal
5	DXK-101	Fixings
6	DVX-99	Locknut
7	DVX-96	Adapter
8	DVX-125	Suction hose

F7
DXA-P25ME15

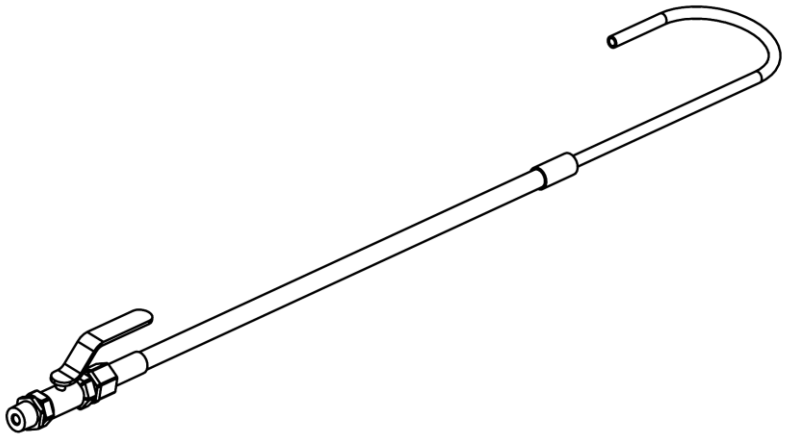


Item	Part No.	Description
1	DVX-89	Strainer 1300µm/15 mesh

Accessories

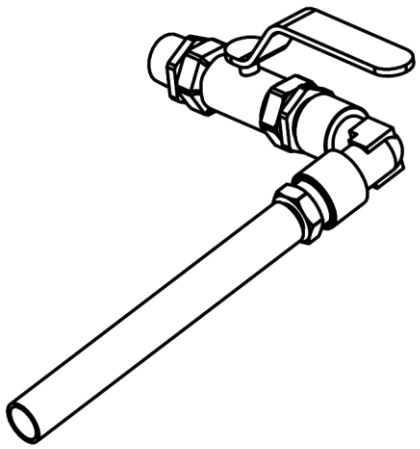
DXA-DVG

Dump valve kit for gravity feed



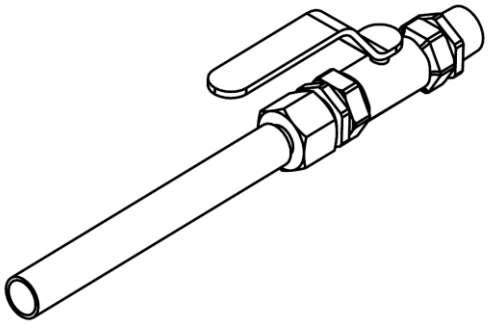
DXA-DVT

Dump valve kit for tripod & pail



DXA-DVW

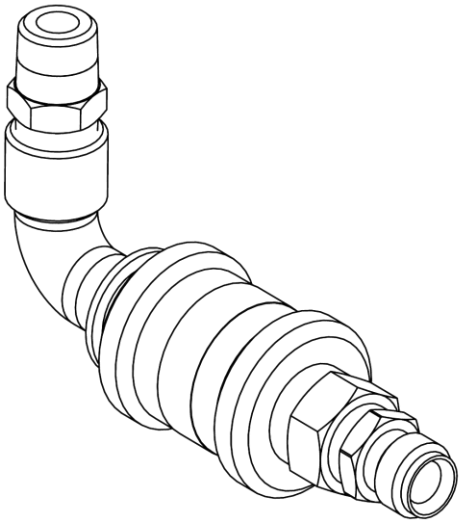
Dump valve kit for wall/cart



Accessories

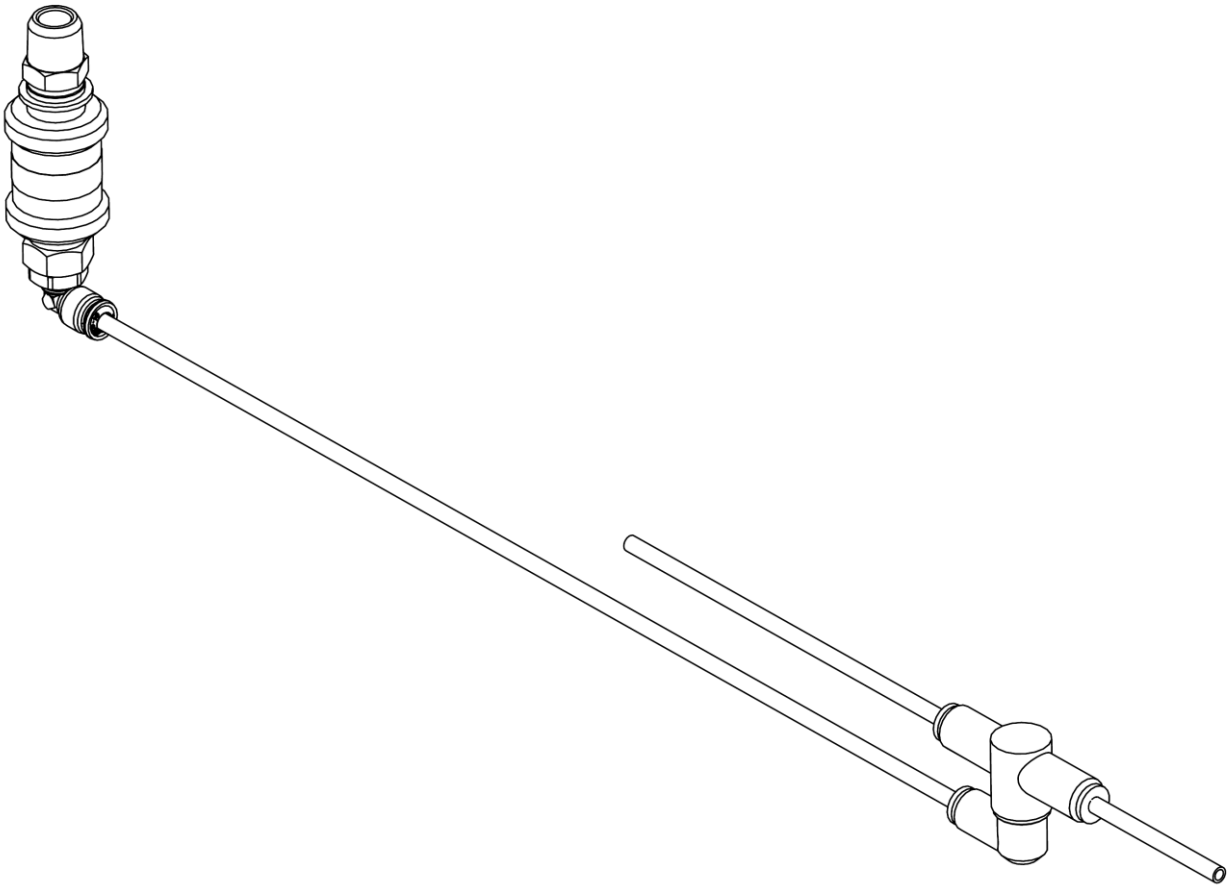
DXA-AF

Agitator air supply



DXA-RP

Fluid regulator maximum pressure supply



Package - Part numbers

DX70	R	3	-	C	F	G

REGULATOR TYPE

R	FLUID REGULATOR
N	NO FLUID REGULATOR

AIR REGULATORS

1	1 REGULATOR
2	2 REGULATORS
3	3 REGULATORS

MOUNTING TYPE

C	CART
W	WALL
T	TRIPOD
P	PAIL

FILTER

-	NO FILTER
F	FILTER

OPTIONS

-	NO OPTION
G	GRAVITY FEED
A	AGITATOR

NOTES

WARRANTY POLICY

This product is covered by Binks materials and workmanship limited warranty.

The use of any parts or accessories, from a source other than Binks, will void all warranties. Failure to reasonably follow any maintenance guidance provided, may invalidate any warranty.

For specific warranty information please contact Binks.

For technical assistance or to locate an authorised distributor, contact one of our international sales and customer support locations below.

REGION	BINKS CONTACT
Americas	Tel: 1-888-992-4657
Europe, Africa, Middle East	Tel: +44 (0)1202 571 111
India	marketingroa@binks.com
China	Tel: +8621-3373 0108
Korea	Tel: +82313663303
Japan	Tel: +81 45 785 6421
Australia	Tel: +61 (0) 2 8525 7555

WARRANTY PAGE



Binks

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