

COMPANY PROFILE

2025 - 2026



INNOVATE
WHAT IS GOOD



INDEX

INNOVATE .. WHAT IS GOOD

AKS Company for Food Industry
Equipment Manufacturing.

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About us

Founded in 2020 by **MR. AMR KATILO**,

AKS aims to provide advanced food industry equipment locally using globally high-quality components at competitive prices suited to the Egyptian and Arab markets.

We specialize in delivering customized industrial solutions tailored to each client's actual needs, quickly eliminating delays caused by shipping times and enabling rapid innovation in production.

AKS serves factories, food companies, government entities, and has helped establish **3 factories in Saudi Arabia and 9 in Egypt**.

We support our clients by providing free consultations to upgrade and develop their industrial capabilities, ensuring excellence and competitiveness.



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AKS F&B Machinery Solutions

AKS Company manufactures high-quality food and beverage equipment, combining European quality with local Egyptian expertise to deliver durable, efficient, and hygienic solutions



Vision

To lead a technological breakthrough in the food industry sector by offering innovative solutions that address market challenges, accelerate production operations locally and internationally, and enhance the competitiveness of Egyptian and Arab industries globally.



Mission

AKS is dedicated to making the food industry safer and more innovative by developing high-quality equipment and providing solutions precisely matching the needs of manufacturers and producers, with competitive prices and fast implementation, enhancing product safety and consumer health.



AKS

Innovating
How the World
Produces Food



Core Values

High
Quality



Competitive
Prices



Fast
Execution



Customized
Solutions



Developing industrial
methods for food safety



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- **Pasteurization Units**

Pasteurization units provide controlled heating of liquid foods to eliminate harmful microbes while preserving taste and nutrients, meeting strict hygiene standards in dairy and juice processing.

- **Ultrafiltration and Ceramic Systems**

These systems use durable membranes to remove water from milk, thereby increasing milk concentration.

- **CIP (Clean-in-Place) Systems**

Enable factories to clean production lines effectively, saving time and effort while maintaining the highest safety and industrial quality standards.

- **Heat Exchangers**

Essential for precise temperature control in manufacturing processes, available in multiple models and sizes to fit various industrial needs.

- **Mixers & Pumps**

Play a central role in speeding up and improving mixing and transport processes within factories, with manufacturing quality ensuring continuity and minimizing breakdowns.

- **Industrial Valves & Fittings**

Provide flexible and easy control, high durability, and resistance to harsh working conditions, all made from food-grade stainless steel.

- **Control Panels & Automation**

Allow full control and precise monitoring of all machines, helping automate performance, increase productivity, and reduce human errors..

- **Spare Parts & Accessories**

Available for all equipment with technical support service to ensure smooth operation without unexpected stoppages or issues.

All AKS equipment complies with the highest global quality standards, is locally manufactured with advanced technological specifications, and includes pre-sale and after-sale services like consultation, installation, urgent maintenance, and development support.





Achievements & Projects

AKS has contributed to establishing 3 advanced food industry factories in Saudi Arabia and nine factories in Egypt within a short period, meeting client needs with high precision beyond typical ready-made solutions.

The company commits to providing free consultations to upgrade and develop production lines and improve factory efficiency for clients across sectors.

AKS innovates advanced technological and manufacturing solutions, making it a preferred partner for many factories, food companies, and industrial entities in Egypt and Saudi Arabia

All company products are manufactured to international quality standards with modern technological specifications to enhance food safety and production reliability.

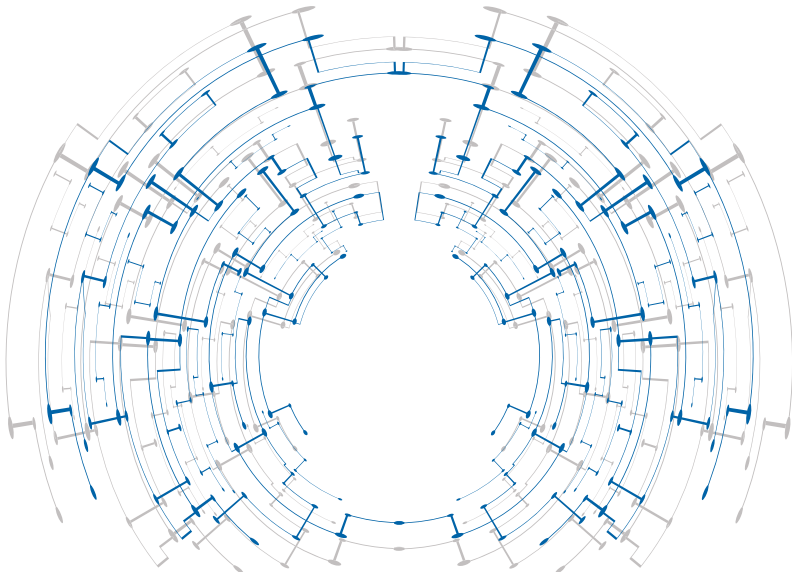


Target Market

AKS focuses on serving food industry sectors in the Middle East and North Africa (MENA) region, offering advanced solutions for factories, food companies, and government agencies in this dynamic region.

AKS has deep knowledge of local and regional market requirements, with the ability to supply high-quality manufacturing equipment at competitive prices, making it the preferred choice for customers seeking quality and fast execution.

The company continuously expands into new markets within the region, enhancing innovation capabilities and developing products that meet the evolving needs of the food industry.



Co-operation with the donjoy company

Manual & Pneumatic Valves

Pump & Filter

Manhole

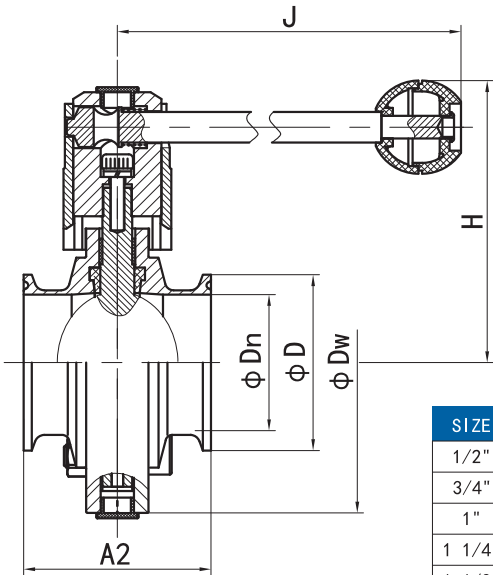
S.S Utilities



ACCESSORIES ITEMS

Pull Handle Butterfly Valve Clamp-Type

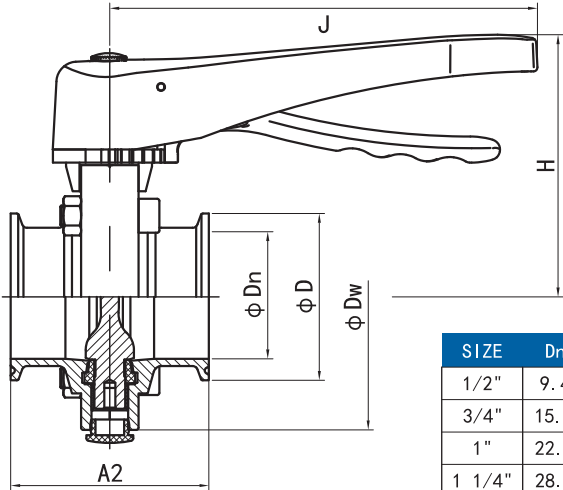
No. VDF110S1



SIZE	Dn	D	Dw	J	H	A2
1/2"	9.4	25	78	123	84	66
3/4"	15.8	25	78	123	84	66
1"	22.4	50.5	78	123	84	66
1 1/4"	28.8	50.5	78	123	84	66
1 1/2"	35.1	50.5	86	123	88	70
φ 45	41	64	90	123	90	74
φ 48	45	64	90	123	90	76
2"	47.8	64	102	135.5	100	76
φ 57	53	77.5	106	135.5	101	76
2 1/2"	59.5	77.5	115	135.5	107	80
3"	72.2	91	128	135.5	113	84
3.5"	85	106	139	160	122	86
4"小	97.6	119	154	160	129	104
4"大	97.6	119	154	160	129	104
108	104	119	159	160	131	106
114.3	110.3	130	159	160	131	106
5"	122.8	144.5	185	220	146	122
133	127	144.5	185	220	146	122
6"	146.8	167	215	220	162	146
159	153	183	215	220	162	146
8"	197.6	217.4	285	360	197	166
219	211	233.5	285	360	197	166
10"	247.2	268	342	360	226	166
12"	298.2	319	342	360	226	146

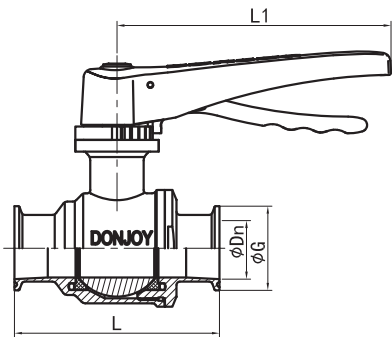
Multi-Position Handle Butterfly Valve Clamp-Type

No.VDF110S4



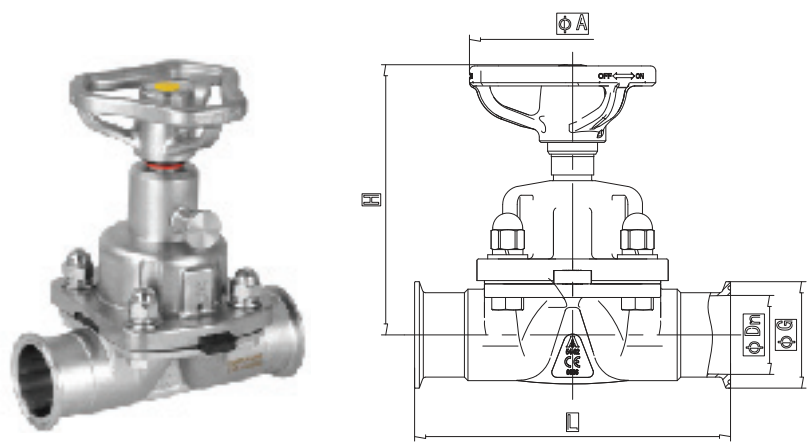
SIZE	Dn	D	Dw	J	H	A2
1/2"	9.4	25	78	164	90	66
3/4"	15.8	25	78	164	90	66
1"	22.4	50.5	78	164	90	66
1 1/4"	28.8	50.5	78	164	90	66
1 1/2"	35.1	50.5	86	164	95	70
φ45	41	64	90	164	97	74
φ48	45	64	90	164	97	76
2"	47.8	64	102	164	102	76
φ57	53	77.5	106	164	102	76
2 1/2"	59.5	77.5	115	164	108	80
3"	72.2	91	128	164	115	84
3.5"	85	106	139	164	121	86
4"小	97.6	119	154	164	128	104
4"大	97.6	119	154	164	128	104
108	104	119	159	164	130	106
114.3	110.3	130	159	164	130	106
5"	122.8	144.5	185	214	146	122
133	127	144.5	185	214	146	122
6"	146.8	167	215	214	161	146
159	153	183	215	214	161	146
8"	197.6	217.4	285	214	196	166
219	211	233.5	285	214	196	166
10"	247.2	268	342	214	225	166
12"	298.2	319	342	214	225	146





SIZE	INCH									
	D	Dn	G	L	L1	H	L2	HA	L3	HB
1"	25.4	22.4	50.5	100	164	108	138	97	143	77.5
1.25"	31.8	28.8	50.5	108	164	114	138	104	144	84.5
1.5"	38.1	35.1	50.5	123	165	118	168	109	177	88.5
2"	50.8	47.8	64	136	165	134	168	125	177	105
2.5"	63.5	59.5	77.5	150	214	150	273	149	201	122
3"	76.2	72.2	91	172	214	167	273	166	201	139
4"	101.6	97.6	119	206	214	189	273	187	243	163

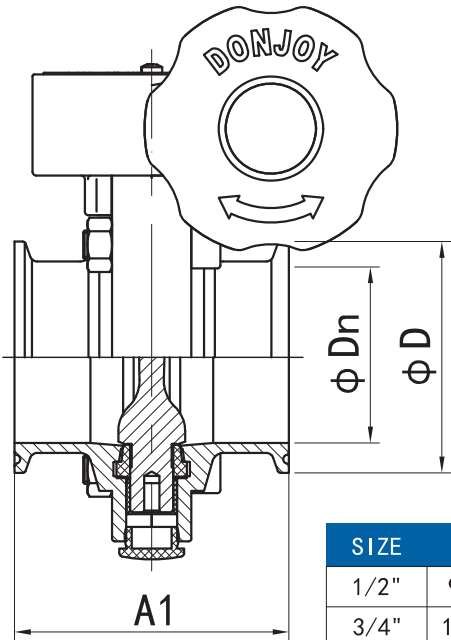
Stainless Steel Manual Valve – Clamp Type



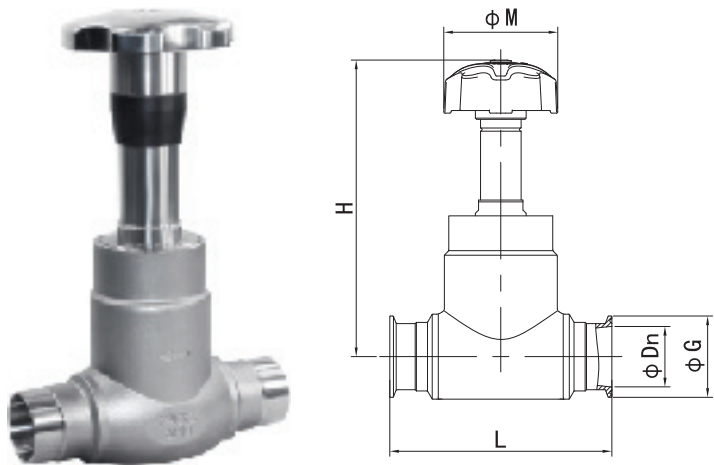
Size	φ Dn	φ D	φ G	L	H	φ A
1"	22. 1	25. 4	50. 5	127	118. 2	100
1. 25"	28. 5	31. 8	50. 5	146	132. 7	124
1. 5"	34. 8	38. 1	50. 5	159	135. 7	124
2"	47. 5	50. 8	64	190	162. 5	124
2. 5"	59. 5	63. 5	77. 5	216	199. 3	130
3"	72. 2	76. 2	91	254	202. 3	130
3. 5"	85	89	106	254	208. 8	130
4"	97. 6	101. 6	119	305	275. 8	190

Butterfly Valve With Fine-Tuning Handle Clamp-Type

No. VDF110S5

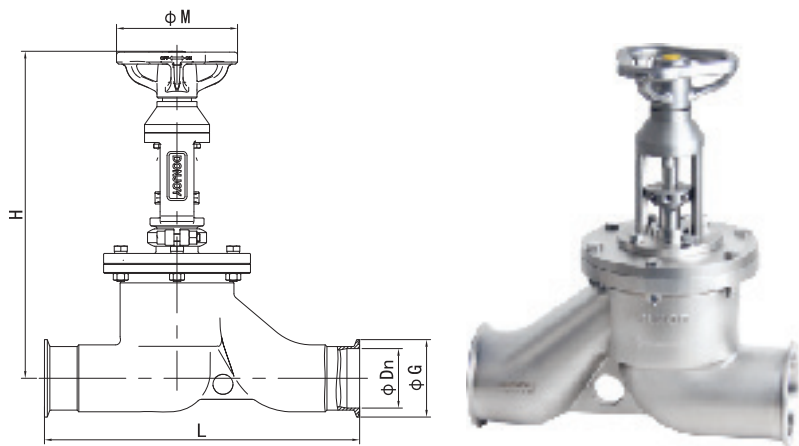


SIZE	Dn	D1	Dw	J	H	A1
1/2"	9.4	25	78	91.5	63	66
3/4"	15.8	25	78	91.5	63	66
1"	22.4	50.5	78	91.5	63	66
1 1/4"	28.8	50.5	78	91.5	63	66
1 1/2"	35.1	50.5	86	91.5	63	70
φ 45	41	64	90	91.5	63	74
φ 48	45	64	90	91.5	63	76
2"	47.8	64	102	91.5	63	76
φ 57	53	77.5	106	91.5	63	76
2 1/2"	59.5	77.5	115	91.5	63	80
3"	72.2	91	128	91.5	63	84
3.5"	85	106	139	91.5	63	86
4"小	97.6	119	154	91.5	63	104
4"大	97.6	119	154	91.5	63	104
108	104	119	159	91.5	63	106

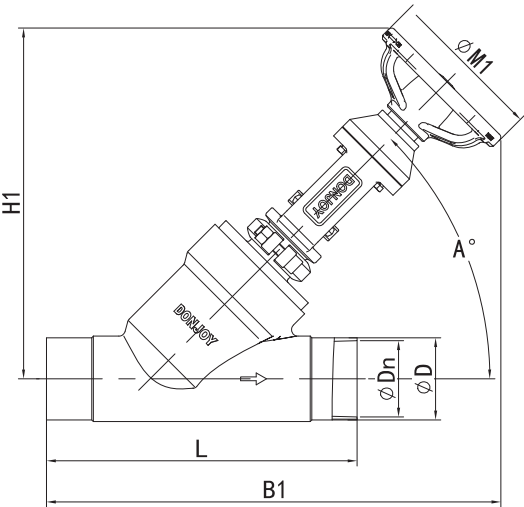


Specifications (INCH)	ϕ Dn	ϕ G	L	H	ϕ M
0.5"	9.4	25/50.5	90	154.3	89
0.75"	15.7	25/50.5	90	154.3	89
1"	22.1	50.5	130	195.8	89
1.5"	34.8	50.5	150	210.8	89
2"	47.5	64	175	233.8	89
2.5"	59.5	77.5	315.4	327.3	124
3"	72.2	91	290	340.3	124
3.5"	85	106	310	349.3	124
4"	97.6	119	350	355.3	124

Stainless Steel Manual Shut-off Valve-Clamp Type



Specifications (INCH)	ϕDn	ϕG	L	H	ϕM
0.5"	9.4	25/50.5	90	154.3	89
0.75"	15.7	25/50.5	90	154.3	89
1"	22.1	50.5	130	195.8	89
1.5"	34.8	50.5	150	210.8	89
2"	47.5	64	175	233.8	89
2.5"	59.5	77.5	315.4	327.3	124
3"	72.2	91	290	340.3	124
3.5"	85	106	310	349.3	124
4"	97.6	119	350	355.3	124



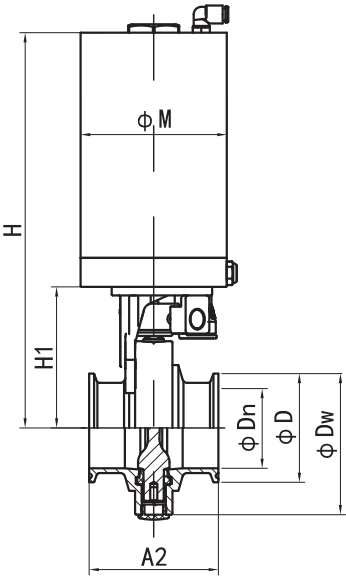
Specifications (INCH)	Ø Dn	Ø D	L	A°	Plastic Manual			Stainless Steel Manual		
					B	H	Ø M	B1	H1	Ø M1
0.5"	9.4	12.7	130	55°	166.5	141	89	/	/	/
0.75"	15.7	19	130	55°	166.5	141	89	/	/	/
1"	22.1	25.4	152	45°	209.8	155.8	89	/	/	/
1.25"	28.5	31.8	180	45°	225.8	161.8	89	/	/	/
1.5"	34.8	38.1	180	45°	227	163	89	/	/	/
2"	47.5	50.8	210	45°	247	177	89	/	/	/
2.5"	59.5	63.5	240	45°	/	/	/	352.5	272.5	124
3"	72.2	76.2	270	45°	/	/	/	373.2	285.2	124
4"	97.6	101.6	410	45°	/	/	/	487.7	327.5	124

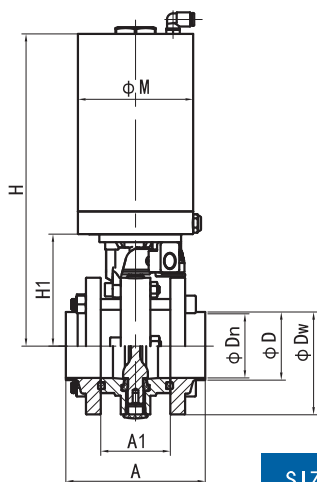
Stainless-Steel pneumatic butterfly valve and smart-head (Clamp-type) No: VDF110Q1



Butterfly valve (INCH)

SIZE	Dn	D	Dw	H	H1	M	A2
1/2"	9.4	25	78	220	70.5	86	66
3/4"	15.8	25	78	220	70.5	86	66
1"	22.4	50.5	78	220	70.5	86	66
1 1/4"	28.8	50.5	78	220	70.5	86	66
1 1/2"	35.1	50.5	86	225	75.5	86	70
φ 45	41	64	90	227.5	78	86	74
φ 48	45	64	90	227.5	78	86	76
2"	47.8	64	102	234	84	86	76
φ 57	53	77.5	106	236	86.5	86	76
2 1/2"	59.5	77.5	115	239	89.5	86	80
3"	72.2	91	128	248	98	86	84
3.5"	85	106	139	252	102	86	86
4"小	97.6	119	154	261	112.2	86	104
4"大	97.6	119	154	261	112.2	86	104
108	104	119	159	263	114	86	106
114.3	110.3	130	159	263	114	113	106
5"	122.8	144.5	185	340	136.5	113	122
133	127	144.5	185	340	136.5	113	122
6"	146.8	167	215	355	152	133	146
159	153	183	215	355	152	133	146
8"	197.6	217.4	285	435	186	166	166
219	211	233.5	285	435	186	166	166
10"	247.2	268	342	477	214.6	166	166
12"	298.2	319	342	477	214.6	166	146

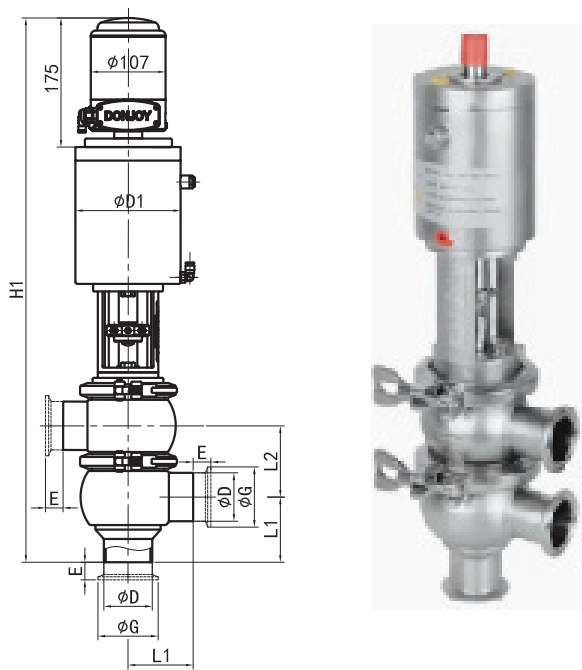




three-piece stainless-steel pneumatic butterfly valve and smart-head No. VDF200Q1

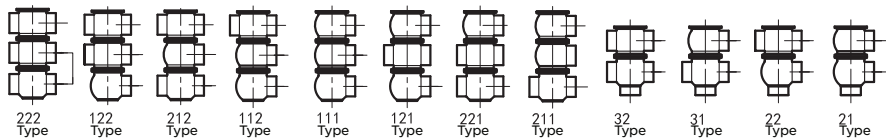


SIZE	Dn	D	Dw	H	H1	M	A	A1
1/2"	9.7	12.7	78	220	70.5	86	100	50
3/4"	16.1	19.1	78	220	70.5	86	100	50
1"	22.4	25.4	78	220	70.5	86	100	50
1 1/4"	28.8	31.8	78	220	70.5	86	100	50
1 1/2"	35.1	38.1	86	225	75.5	86	100	50
φ45	41	45	90	227.5	78	86	100	50
2"	47.8	50.8	102	234	84	86	104	52
φ57	53	57	106	236	86.5	86	104	52
2 1/2"	59.5	63.5	115	239	89.5	86	112	56
3"	72.2	76.2	128	248	98	86	112	56
3.5"	85	89	139	252	102	86	120	60
4"小	97.6	101.6	154	261	112.2	86	128	64
4"大	97.6	101.6	154	261	112.2	86	128	64
5"	122.8	127	185	340	136.5	113	160	80
133	127	133	185	340	136.5	113	160	80
6"	146.8	152.8	215	355	152	133	180	90
159	153	159	215	355	152	133	180	90
8"	197.6	203.2	285	435	186	166	180	90
219	211	219	285	435	186	166	180	90
10"	247.2	254	342	477	214.6	166	180	90



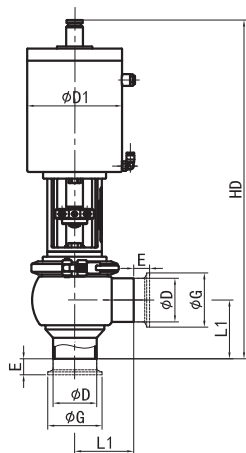
INCH Pneumatic Divert Shut-off Valve

Specifications Valve Body	H	H1	HD	HE	D	G	Valve body L1(weld length)	L2	D1		(E) Clamp connection
									WB: 6 Bar	WB: 10 Bar	
1''	579	544	395	210	25.4	50.5	50	67	88	113	12.7
1.25''	584	549	400		31.8		55	67			12.7
1.5''	591	556	407		38.1		60	69			12.7
2''	639	604	463		50.8	64	70	77	113	132	12.7
2.5''	677.5	642.5	487		63.5	77.5	80	89	132	180	12.7
3''	722	687	532	219	76.2	91	99	106	132	180	12.7
4''	839	804	657		101.6	119	114	147	180		15.8



Pneumatic Divert shut-off Valve
(Single-Seat)

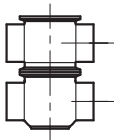
No. VHX100Q1-020



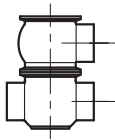
气量消耗 (L/ 循环次)		
规格$\phi D1$	弹簧/气	气/气
88	0.16	0.5
113	0.3	1.1
132	0.5	1.7
180	1.3	3.8

Specifications Valve Body	H	H1	HD	HE	D	G	Valve body L(weld length)	D1		(E) Clamp connection
								WB: 6 Bar	WB: 10 Bar	
N25	513	478	328	210	28	50.5	50	88	113	12.7
N32	513	478	333		34		55			12.7
N40	523	488	338		40		60			12.7
N50	563	528	386		52	64	70	113	132	12.7
N65	605	570	414		70	91	90	132	180	12.7
N80	621	586	431		85	106	99	132	180	12.7
N100	693	658	511	219	104	119	114	180		15.8

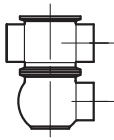
Specifications Valve Body	H	H1	HD	HE	D	G	Valve body L(weld length)	D1		(E) Clamp connection
								WB: 6 Bar	WB: 10 Bar	
1''	513	478	328	210	25.4	50.5	50	88	113	12.7
1.25''	513	478	333		31.8		55			12.7
1.5''	523	488	338		38.1		60			12.7
2''	563	528	386		50.8	64	70	113	132	12.7
2.5''	589	554	399		63.5	77.5	80	132	180	12.7
3''	617	582	426		76.2	91	99	132	180	12.7
4''	693	658	511	219	101.6	119	114	180		15.8



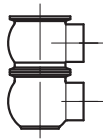
22-Type



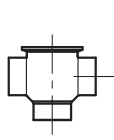
21-Type



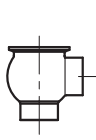
12 Type



11Type



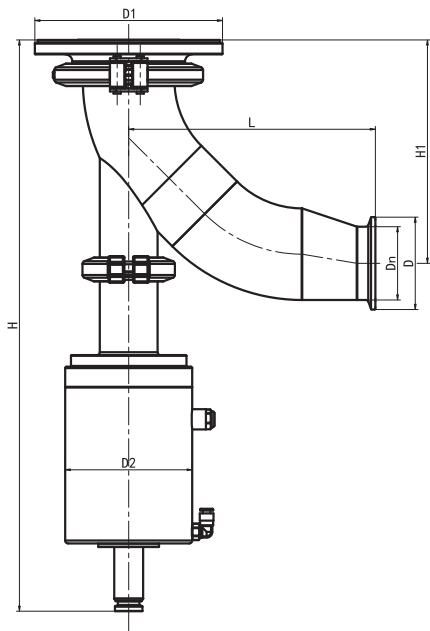
30 Type



20 Type

Pneumatic Elbow-T type
 Tank Bottom Valve
 90° Valve Body 2017

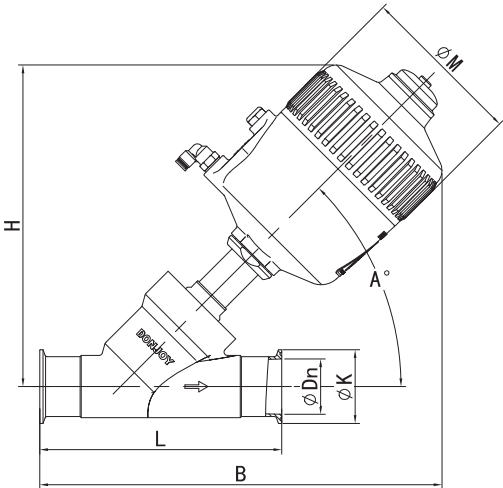
No. VKD310Q2



SIZE	Dn	D	D1	D2	H	H1	H2	L
1. 5"	38. 1	50. 5	115	88	380. 5	135. 5	142. 5	152
2"	50. 8	64	130	113	431	155	156. 5	171
2. 5"	63. 5	77. 5	150	113	449	177	173	190
3"	76. 2	91	150	113	449	170. 5	177. 5	152

Aluminium Pneumatic
Angle Seat Valve - 2023 Model
(Clamp Type)

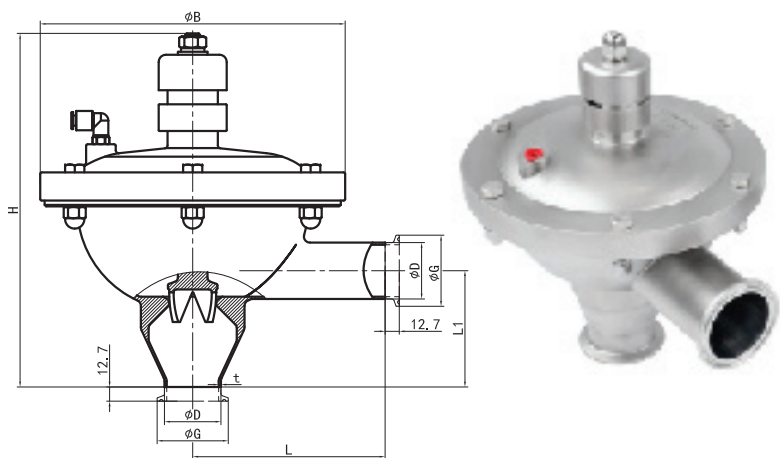
No. VKD310Q2



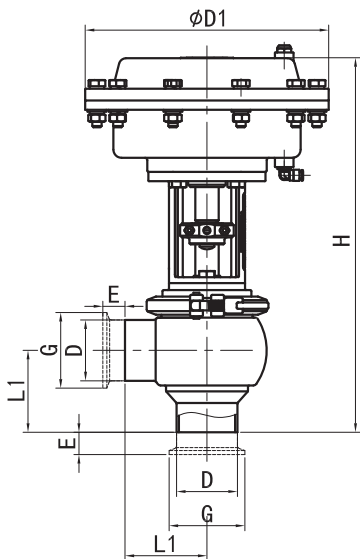
Specifications	Ø Dn	Ø K	L	A°	Plastic Pneumatic Valve (INCH)		
					B	H	Ø M
0.5"	9.4	25	130	55°	205.3	209.3	77
0.75"	15.7	25	130	55°	205.3	209.3	77
1"	22.1	50.5	152	45°	279.3	225.3	105
1.25"	28.5	50.5	180	45°	298.5	234.5	105
1.5"	34.8	50.5	180	45°	300	236	105
2"	47.5	64	210	45°	347.6	277.6	143
2.5"	59.5	77.5	240	45°	456.3	376.3	182
3"	72.2	91	270	45°	477.7	389.7	182
4"	97.6	119	410	45°	595.3	435.3	182

Imported Constant Pressure Valve
(1.5"-DN65)

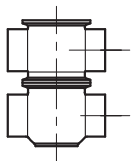
No. VHY100AO



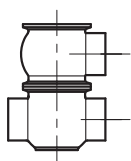
Size		D	G	t	B	L	L1	H
Outlet Constant Pressure Valve	DN40	40	50.5	1.5	206	130	85	239
	1.5"	38.1						
	DN50	52	64	1.5	206	130	85	239
	2"	50.8						
	2.5"	63.5	77.5	2	206	149	85	239
	DN65	70	91	2	206	149	85	239
Inlet Constant Pressure Valve	DN40	40	50.5	1.5	206	130	85	239
	1.5"	38.1						
	DN50	52	64	1.5	206	130	85	239
	2"	50.8						
	2.5"	63.5	77.5	2	206	149	85	239
	DN65	70	91	2	206	149	85	239



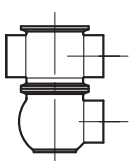
Specifications	H	H1	HD	Dn	D	Valve body L1(weld length)	L2	D1	(E) Clamp connection
Valve Body									
1''	278	345	402	25.4	50.5	50	67	208	12.7
1.25''	283	350	402	31.8		55	67		12.7
1.5''	288	356	408	38.1		60	69		12.7
2''	303	379	432	50.8	64	70	76		12.7
2.5''	347	435	497	63.5	77.5	80	99	300	12.7
3''	375	480	547	76.2	91	99	106		12.7
4''	405	551	668	101.6	119	114	147		15.8
5''	434	612	751	127	155	135	178		21.5
6''	463	667	833	152.4	167	150	205		21.5



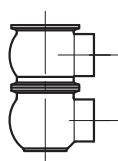
22-Type



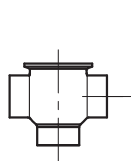
21-Type



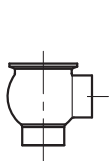
12 Type



11Type



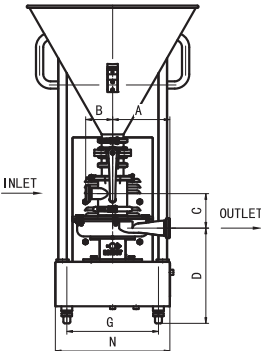
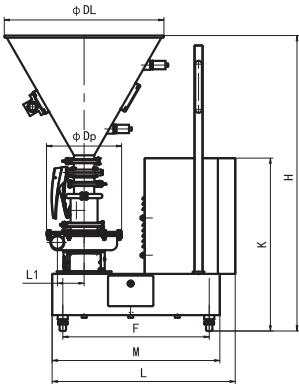
30 Type



20 Type

HHQ Mixing Pump Dimensional Data Diagram

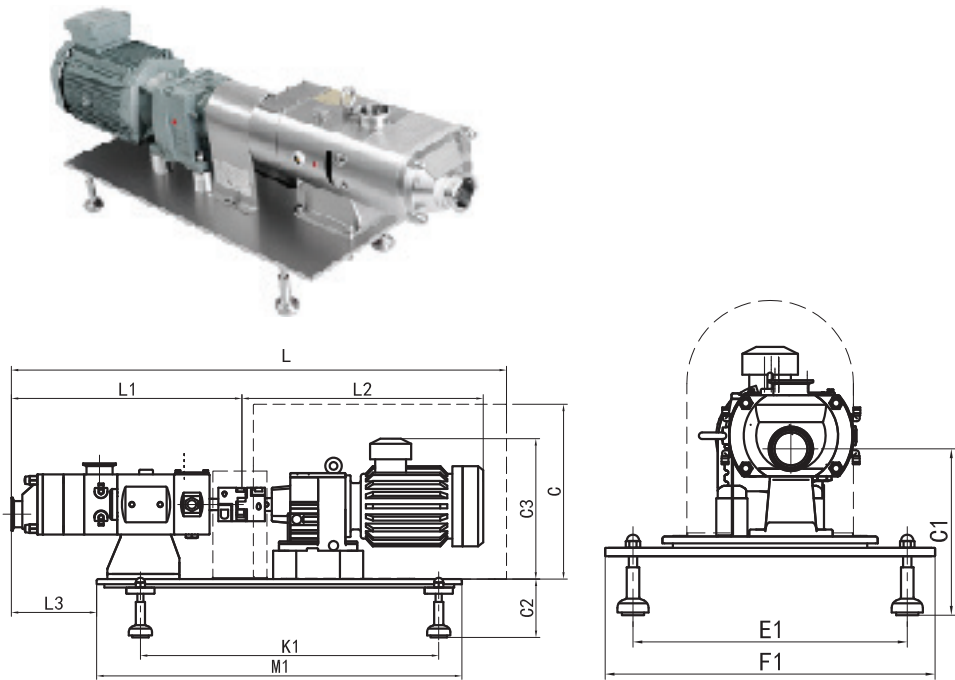
No. VDF110S1



Model	Assembly Dimensions														
	Power	Solid inlet	Liquid inlet	Outlet	Dp	C	D	F	G	H	K	L	M	N	DL
HHQ-10	3kW	3"	1.5"	2"	282	121	333	550	320	1110	650	688	630	400	590
	4kW	3"	1.5"	2"	282	121	333	550	320	1110	650	682	630	400	590
HHQ-20	4kW	3"	1.5"	2"	282	121	333	550	320	1110	650	682	630	400	590
	5.5kW	3"	1.5"	2"	282	121	338	790	350	1115	720	912	870	430	590
HHQ-30	5.5kW	DN80	2"	2.5"	328	151	369	790	350	1304	720	912	870	430	620
	7.5kW	DN80	2"	2.5"	328	151	369	790	350	1304	720	912	870	430	620
HHQ-40	7.5kW	DN80	2"	2.5"	328	151	369	790	350	1304	720	912	870	430	620
	11kW	DN80	2"	2.5"	328	151	395	840	420	1331	820	954	920	500	620
HHQ-50	11kW	4"	2.5"	3"	328	157	395	840	420	1390	820	954	920	500	704
	15kW	4"	2.5"	3"	328	157	395	840	420	1390	820	954	920	500	704
HHQ-60	15kW	4"	2.5"	3"	328	157	395	840	420	1390	820	954	920	500	704
	22kW	4"	2.5"	3"	328	157	395	840	420	1390	900	954	920	500	704

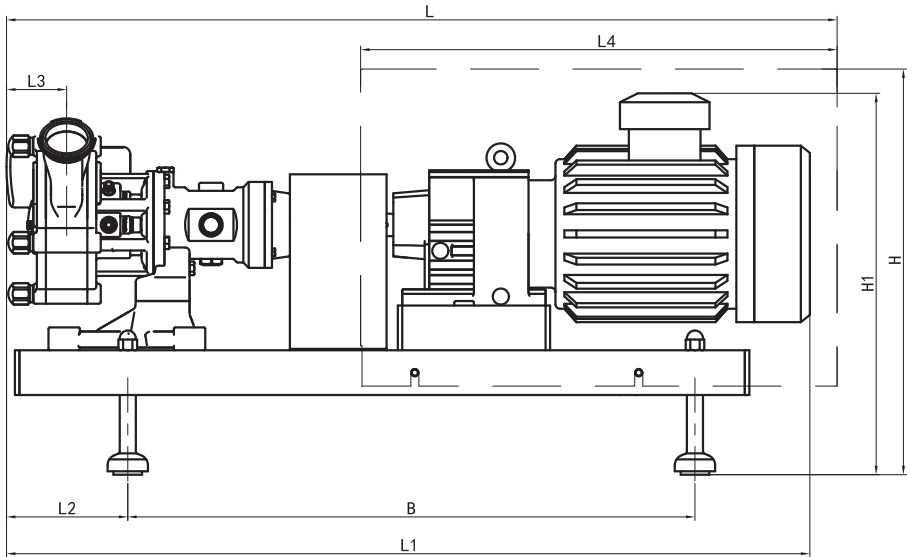
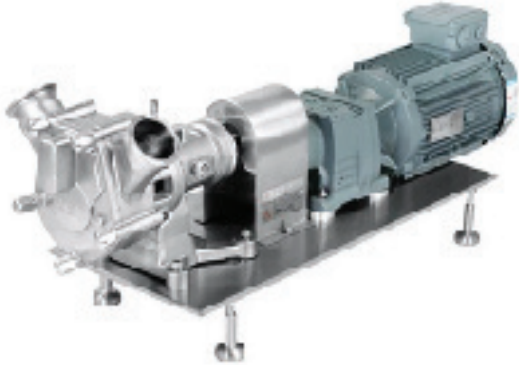
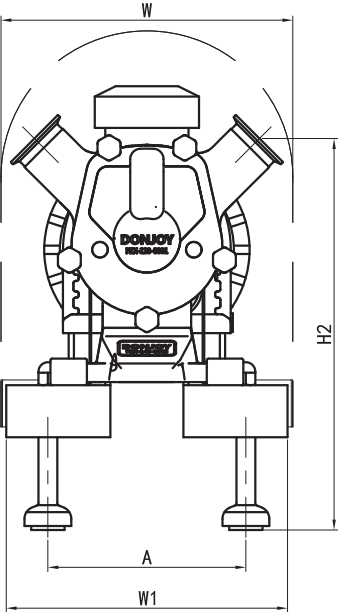
LGR Screw Pump with SEW Fixed-Speed Gearbox Dimensional Drawing

No. VDF110S1



Model Series	(KW) Motor Power	Overall Assembly Dimensions																	
		C	C1	C2	C3	E1	F1	K1	M1	L2	Clamp Type			Threaded Type			Flange Type		
											L	L1	L3	L	L1	L3	L	L1	L3
DJ-LGR-20	1.1KW	340	247	118.5	273	395	475	580	710	471	1071	446	166	1080	454	175	1082	457	177
	1.5KW	340	247	118.5	285	395	475	580	710	483	1071	446	166	1080	454	175	1082	457	177
	2.2KW	340	247	118.5	285	395	475	580	710	503	1071	446	166	1080	454	175	1082	457	177
	3.0KW	340	247	118.5	285	395	475	580	710	538	1071	446	166	1080	454	175	1082	457	177
DJ-LGR-30	4.0KW	340	247	118.5	301	395	475	580	710	590	1110	446	166	1119	454	175	1121	457	177
	3.0KW	360	286	123.5	337.5	475	555	620	810	538	1249	599	180	1261	611	192	1256	605	185
	4.0KW	360	286	123.5	336.5	475	555	520	810	590	1262	599	180	1274	611	192	1268	605	185
	5.5KW	360	286	123.5	330	475	555	520	810	680	1425	599	180	1437	611	192	1431	605	185
	7.5KW	360	286	133.5	339	545	625	755	980	707	1425	599	180	1437	611	192	1431	605	185
DJ-LGR-70	5.5KW	450	282.5	133.5	334	545	625	830	980	682	1558	730	180	1565	737	187	1568	740	190
	7.5KW	450	282.5	133.5	342	545	625	830	980	609	1558	730	180	1565	737	187	1568	740	190
	11KW-15KW	640	282.5	133.5	552.5	545	625	920	1130	866	1684	730	180	1691	737	187	1694	740	190

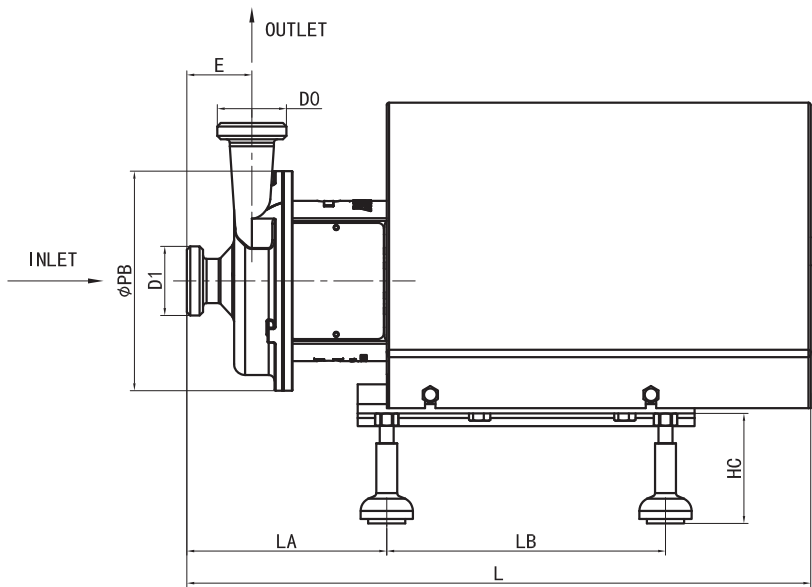
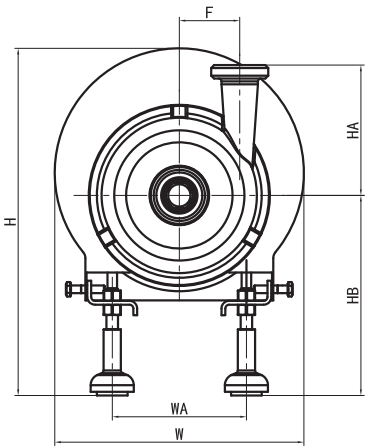
PZX Sine Pump
with SEW Gear Motor



Specifications	Fixed-Ratio Gearbox Power (2P)	Fixed-Ratio Gearbox Power (4P)	L	L1	L2	L3	L4	H	H1	H2	A	B	W	W1
PZX-120	1. 1KW (R27)	1. 1KW (R27)		847. 5					415. 6					
	1. 5KW (R27)	1. 5KW (R27)	945. 4	880. 5	126	67. 1	550	479	415. 6	375. 7	190	558	280	270
	2. 2KW (R37)	2. 2KW (R37)		887. 5					425. 9					
PZX-140	2. 2KW (R37)	2. 2KW (R37)	962. 5	891			550		419		190	558	280	270
	3KW (R37)	3KW (R37)		921	126	81	650	479	436	387				
	4KW (R47)	4KW (R47)	1062. 5	1019. 5					435					
PZX-180	4KW (R47)	4KW (R47)	1214. 5	1148. 5			650	529	483					
	5. 5KW (R67)	5. 5KW (R67)		1289. 5	234. 5	125. 1			476. 3	464	200	683	290	280
	7. 5KW (R57)	/	1304. 5	1214			740	569	485. 8					
	/	/		1273. 5					534. 3					
PZX-220	7. 5KW (R57)	/		1254			740	569	485. 8		200	683	290	280
	/	7. 5KW (R67)	1344. 5	1313. 5					534. 3					
	/	11KW (RX97)		1403. 5	274. 5	143. 7	820	815	737	495. 7	280	878	380	360
	/	15KW (RX97)	1469. 5	1403. 5					737					
	/	22KW (RX97)		1424. 5			980	715	752	573. 2				
PZX-300	/	22KW (R97)	1629. 5	1583. 5					662. 8					
	/	11KW (RX97)		1577										
	/	15KW (RX97)	1644	1577	319	203. 7	820	880	804			1078	430	420
	/	22KW (RX97)		1598			1080	770	819	649. 4	340			
	/	30KW (R97)	1904	1850			1000	920	708				480	420
PZX-300-1	/	30KW (RX107)	1824	1768					848					
	/	15KW (RX97)		1582			820	880	804					
	/	22KW (RX97)	1657	1611					819					
	/	22KW (R97)		1751			1080	770	693	665. 2	340	1078	430	420
	/	30KW (R97)	1917	1863	332	210. 2	1000	920	708					
	/	30KW (RX107)	1837	1781			1100	790	848				480	420
	/	37KW (R107)	1937	1886			1000	920	720. 6					
	/	37KW (RX107)	1837	1755					871					

KLX Series Centrifugal Pump
(with Pump Cover)

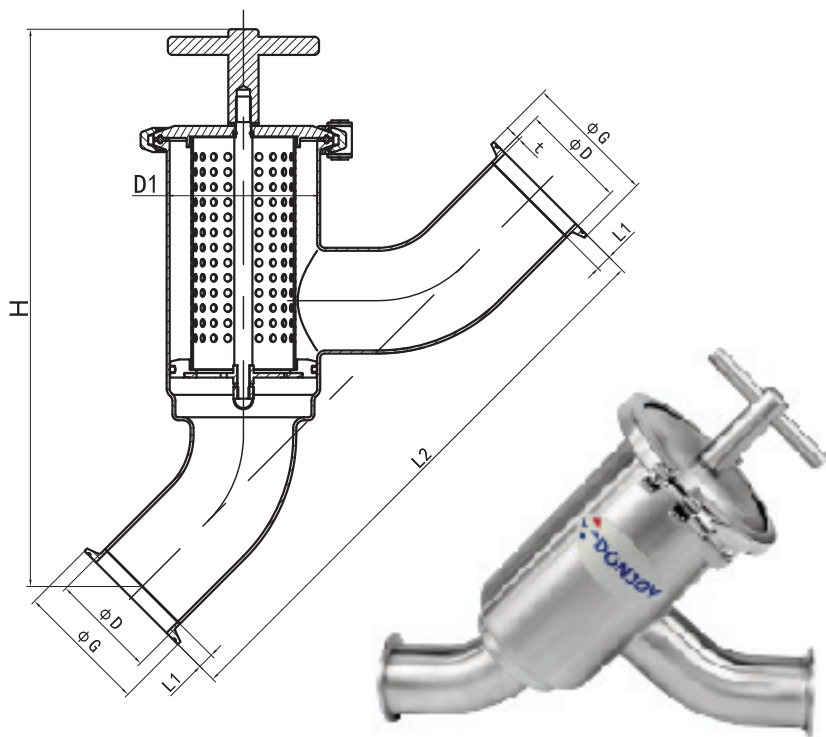
No. VDF110S1



Model	Pump Head Specifications				Overall Assembly Dimensions																		
	Power	Inlet DI	Inlet DI	PB	F	LB	H	HB	HC	W	WA	SMS Threaded Connection				Clamp Connection				DIN Threaded Connection			
												E	LA	HA	L	E	LA	HA	L	E	LA	HA	L
KLX10	1.1KW	1.5"	1.5"	189	63	240	337	199	94.8	250	125	56	171	136	517	49	164	129	510	56	171	136	517
	1.5KW	1.5"	1.5"	189	63	240	359	209	94.8	260	140	56	177	136	542	49	170	129	535	56	177	136	542
	2.2KW	1.5"	1.5"	189	63	240	359	209	94.8	260	140	56	177	136	542	49	170	129	535	56	177	136	542
	1.5KW	2"	1.5"	250	95	240	359	209	94.8	260	140	48	178	155	543	41	171	148	536	48	178	155	543
KLX15	2.2KW	2"	1.5"	250	95	240	359	209	94.8	260	140	48	178	155	543	41	171	148	536	48	178	155	543
	3KW	2"	1.5"	250	95	300	413	219	94.8	320	140	48	160	155	590	41	153	148	583	48	160	155	590
	2.2KW	2"	2"	250	92	240	359	209	94.8	260	140	45	182	170	543	38	175	163	536	45	182	170	543
	3KW	2"	2"	250	92	300	413	219	94.8	320	160	45	164	170	590	38	157	163	583	45	164	170	590
KLX20-I KLX20-I	4KW	2"	2"	250	92	300	422	211	94.8	340	190	45	171	170	590	38	164	163	583	45	171	170	590
	5.5KW	2"	2"	250	92	330	466	231	94.8	380	216	45	207	170	686	38	200	163	679	45	207	170	686
	7.5KW	2"	2"	250	92	330	466	231	94.8	380	216	45	207	170	686	38	200	163	679	45	207	170	686
	4KW	2.5"	1.5"	328	127.5	300	422	211	94.8	340	190	60	179	190	598	49	168	183	587	61	180	190	599
KLX25	5.5KW	2.5"	1.5"	328	127.5	330	466	231	94.8	380	216	60	213	190	693	49	202	183	682	61	214	190	694
	5.5KW	2.5"	1.5"	328	127.5	330	466	231	94.8	380	216	60	213	190	693	49	202	183	682	61	214	190	694
	7.5KW	2.5"	1.5"	328	127.5	330	466	231	94.8	380	216	60	213	190	693	49	202	183	682	61	214	190	694
	11KW	3"	1.5"	365	131	450	551	260	94.8	470	254	76	255	229	830	65	244	222	819	81	260	229	835
KLX35-I	15KW	3"	1.5"	365	131	450	551	260	94.8	470	254	76	255	229	830	65	244	222	819	81	260	229	835
	15KW	3"	1.5"	365	131	450	551	260	94.8	470	254	76	255	229	830	65	244	222	819	81	260	229	835
	18.5KW	3"	1.5"	365	131	450	551	260	94.8	470	254	76	255	229	830	65	244	222	819	81	260	229	835
	11KW	3"	2.5"	335	105	450	551	260	94.8	470	254	73.5	255	214	830	61	242.5	202	817.5	78.5	260	215	835
KLX40-I KLX40-I	15KW	3"	2.5"	335	105	450	551	260	94.8	470	254	73.5	255	214	830	61	242.5	202	817.5	78.5	260	215	835
	18.5KW	3"	2.5"	335	105	450	551	260	94.8	470	254	73.5	255	214	830	61	242.5	202	817.5	78.5	260	215	835
	22KW	3"	2.5"	335	105	515	583	281	94.8	510	279	73.5	250	214	925	61	237.5	202	912.5	78.5	255	215	930
	30KW	3"	2.5"	335	105	515	655	301	94.8	580	318	73.5	261	214	971	61	248.5	202	958.5	78.5	266	215	976

Y- Type Filter with clip / Mount system

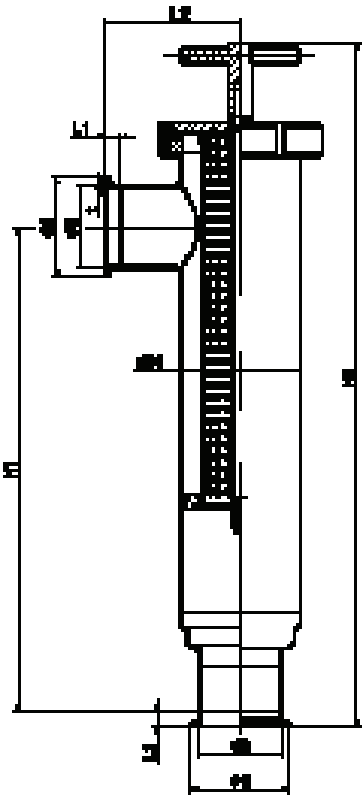
NO. EGL311



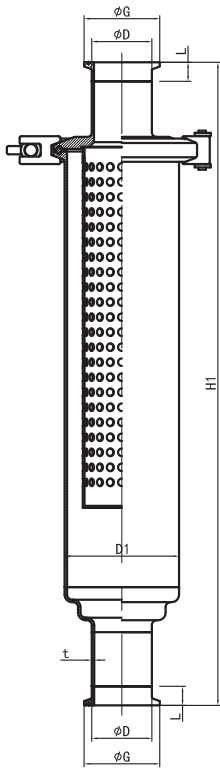
SIZE	D	t	G	D1	H	L	L1	L2
1"	25.4	1.65	50.5	76.2	268	204	12.7	229.4
1 1/4"	31.8	1.5	50.5	76.2	279	226	12.7	251.4
1 1/2"	38.1	1.65	50.5	76.2	287	242	12.7	267.4
2"	50.8	1.65	64	101.6	335.5	280	12.7	305.4
2 1/2"	63.5	2.0	77.5	101.6	376.5	362	12.7	387.4
3"	76.2	2.0	91	114.3	418	406	12.7	431.4
3 1/2"	89	2.0	106	114.3	418	406	12.7	431.4
4"	101.6	2.0	119	154	549	460	15.8	491.6
5"	127	2	144.5	203.2	648	609	21.5	652
6"	152.4	2.8	167	203.2	646.5	606	21.5	649

Angle filter with clip system central spiral pattern

NO. EGL221



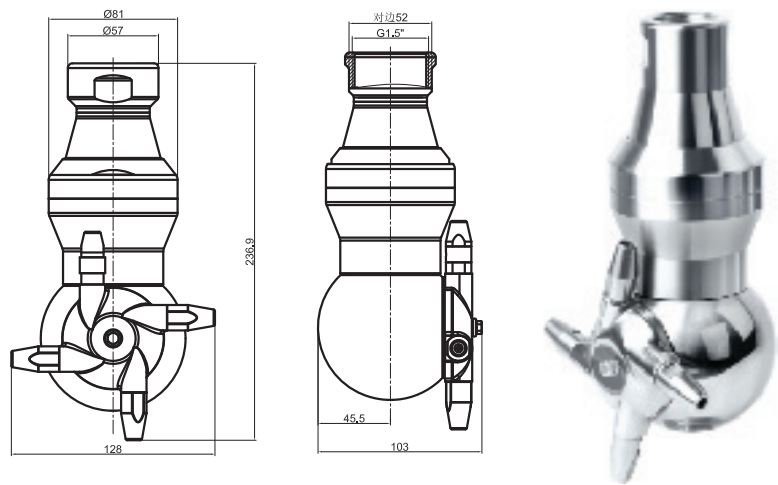
SIZE	D	t	G	D1	L	L1	L2	H	H1	H2
1"	25.4	1.68	25.4	76.2	77.8	12.7	91.1	432	254	699.7
1 1/4"	37.8	2.4	37.8	76.2	77.8	12.7	91.1	432	254	699.7
1 1/2"	41.3	1.68	41.3	76.2	77.8	12.7	91.1	432	254	699.7
2"	50.8	1.68	50.8	99.1	101	12.7	112.7	432	432	871.7
2 1/2"	63.5	2.4	77.8	99.1	101	12.7	112.7	432	432	871.7
3"	76.2	2.4	91	114.3	107.3	12.7	119.9	432	254	612.2
3 1/2"	89	2.4	104	114.3	107.3	12.7	119.9	432	254	612.2
4"	101.6	2.4	118	129	101.6	12.7	129.3	711.2	432	731.8



SIZE	D	t	G	D1	L	H	H1
1"	25.4	1.65	50.5	76.2	12.7	406.5	431.9
1 1/4"	31.8	1.5	50.5	76.2	12.7	406.5	431.9
1 1/2"	38.1	1.65	50.5	76.2	12.7	406.5	431.9
2"	50.8	1.65	64	101.6	12.7	485	510.4
2 1/2"	63.5	2.0	77.5	101.6	12.7	485	510.4
3"	76.2	2.0	91	114.3	12.7	520	545.4
3 1/2"	89	2.0	106	114.3	12.7	520	545.4
4"	101.6	2.0	119	154	15.8	627	658.6

Threaded Sprayer External Dimension Drawing

Rev. 01 (2021-10)



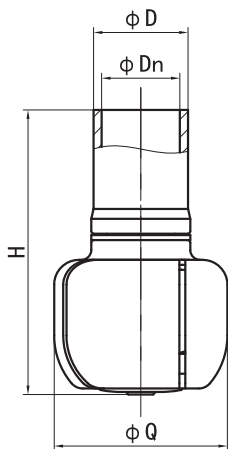
The specification table				
DIN series	Size	DN25	DN40	DN50
	code	025	040	050
Inch series	Size	OD 1"	OD 1.5"	OD 2"
	code	025	038	051

Parameters	
Specification range	1"-1.5"/DN25-DN40
Work pressure	2-8bar
Recommended pressure	5-7bar
Maximum temperature	130℃
Interface Type	Clamp type 1"-1.5"(Chuck 50.5)
	Threaded G 1" (standard)
	Threaded G 1-1/2" (option)
Cleaning distance	Maximum diameter 22M
weight	3.6kg

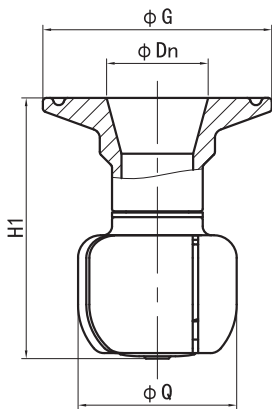
Rotary Cleaning Ball

Model Dimension Drawing

Rev. 01 (2025-05)



Welded Type
(Rotary Cleaning Ball)

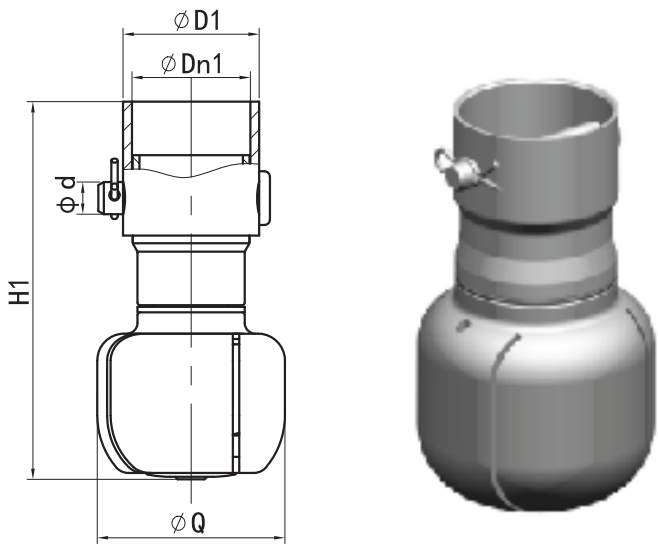


Clamp Type
(Rotary Cleaning Ball)



Q Ball Diameter	INCH				Din				H	H1	Bar Pressure 2		
	Size	ϕD	ϕDn	G	Size	ϕD	ϕDn	G			Spraying Radius (m)	Cleaning Radius (m)	Flow Rate (m ³ /h)
28	0.5"	12.7	9.4	/	DN10	12	9	/	59.5	/	2.5	1.1	2.5
	0.75"	19.1	15.8	25	DN15	19	16	34	59.5	55.2	2.8	1.2	2.8
35	0.75"	19.1	15.8	25	DN15	19	16	34	57.5	52.2	2.8	1.2	2.8
	1"	25.4	22.1	50.5	DN25	28	25	50.5	57.5	57.5	2.8	1.3	3.0
50	0.75"	19.1	15.8	25	/	/	/	/	77.6	76.6	3.0	2.2	6
	1"	25.4	22.1	50.5	DN25	28	25	50.5	78.1	76.6	3.4	2.5	6.5
	1.25"	31.8	28.8	50.5	DN32	34	31	50.5	78.1	76.6	3.5	2.6	7
65	1.25"	31.8	28.8	50.5	DN32	34	31	50.5	88.1	86.6	4.0	3.0	12
	1.5"	38.1	34.8	50.5	DN40	40	37	50.5	88.1	86.6	4.2	3.1	15
	2"	50.8	47.5	64	DN50	52	49	64	88.1	88.1	4.5	3.2	16
75	1.5"	38.1	34.8	50.5	DN40	40	37	50.5	98.8	92.3	6.0	4.1	18
	2"	50.8	47.5	64	DN50	52	49	64	98.8	92.3	6.5	4.2	22
	2.5"	63.5	59.5	77.5	/	/	/	/	98.8	98.8	7.0	4.4	25

Insert Type (Rotary Cleaning Ball) With Insert Tube - 2025 Model



Q	INCH					Orifice Diameter (ϕd)	H	H1	2Bar		
	SIZE	ϕD	ϕDn	$\phi D1$	$\phi Dn1$				Spray Radius (m)	Cleaning Radius (m)	Flow Rate (m ³ /h)
28	0.5"	15.5	13	12.7	9.4	6.2	64.5	74.5	2.5	1.1	2.5
	0.75"	15.5	13	19.1	15.8	6.2	64.5	74.5	2.8	1.2	2.8
35	0.75"	21.8	19.4	19.1	15.8	6.2	60.5	70.5	2.8	1.2	2.8
	1"	21.8	19.4	25.4	22.1	6.2	60.5	70.5	2.8	1.3	3.0
50	0.75"	28.2	19.4	19.1	15.8	6.2	78.1	88.1	3.0	2.2	6
	1"	34.5	25.7	25.4	22.1	6.2	80.1	90.1	3.4	2.5	6.5
	1.25"	28.2	19.4	31.8	28.5	6.2	78.1	88.1	3.5	2.6	7
	1.5"	34.5	25.7	38.1	34.8	6.2	80.1	95.1	3.5	2.6	7
65	1"	34.5	25.7	25.4	22.1	6.2	88.1	98.1	3.8	2.8	11
	1.25"	47.2	32.1	31.8	28.5	6.2	90.1	100.1	4.0	3.0	12
	1.5"	34.5	25.7	38.1	34.8	6.2	88.1	103.1	4.2	3.1	15
	2"	47.2	32.1	50.8	47.5	6.2	90.1	105.1	4.5	3.2	16
75	1.5"	47.2	38.4	38.1	34.8	6.2	98.8	113.8	6.0	4.1	18
	2"	47.2	38.4	50.8	47.5	6.2	98.8	113.8	6.5	4.2	22
	2.5"	58.2	55	63.5	60.2	6.2	101.8	116.8	7.0	4.4	25

Co-operation with the al rowad company

Milk Receiving Unit

Pasteurization unit

UF Unit 4 modules

UF Unit 2 modules

CIP UNIT 3 Tanks



UNIT ITEMS



Milk Receiving Unit Capacity 15 Ton/ H @ 45c

Unit Details	All Unit in Chassis From Stainless steel 304, capacity 15T/H @ 45c, wide space Palet 316L @ 12Bar. Inculded Degasing Tank , Food Grade Hoses.
Hot Water Chiller System	This unit consist off Automatic heating and cooling system 304 with Penumatic angle valve 1.5" for steam supply and Return. Also same system for chiller supply and return . and steam trab 1"
Control&Sensor	PLC Control, Full Automatic and control system with touch screen 9 inch Siemens, the PLC control is Siemens 1200 G2 . The unit coverd with 3 PT100 , 2 Level sensor from IFM , Flowmeter , working by pump from Donjoy with VSD control.
Pneumatic Valve Conrol	This Machine consiste of semi automatic control valves for product in, Product out , CIP , and water Supply.



UF Unit 4 modules * 2 filter

Unit Details	All Unit in Chassis From Stainless steel 304 capacity 4 Modules each one 2 Spariel Filter.
Hot Water Chiller System	This unit consist off Automatic heating and cooling system 304 with Penumatic angle valve 1.5" for steam supply and Return. Also same system for chiller supply and return . and steam trab 1"
Control&Sensor	PLC Control, Full Automatic and control system with touch screen 9 inch Siemens, the PLC control is Siemens 1200 G2 . The unit coverd with 3 PT100 , 2 Level sensor from IFM , Flowmeter , working by pump from Donjoy with VSD control.
Pneumatic Valve Conrol	This Machine consiste of semi automatic control valves for product in, Product out , CIP , and water Supply.



Pasteurization unit 5 Ton & 5 Sections Control Double Automation

Unit Details	The pasteurization Unit set on Chassis From Stainless steel 304 capacity 5 Tons and 5 Sections. About the plate is made from S.S 316L from China. The temperture in each section is 4C+ for product in , 45C separator section , 65C for homogenizer section then pasteurization at 85C then out at 4c or 48c.inculded Filter 0.06 Ml. Sample valves, and light sight glasses.
Hot Water Chiller System	The hot water system consist of 2 automatic system for heat with hot water pump, heat exchanger and hot water tank. Sensor for water level in water tank from IFM with Pneumatic angle valve for water then Pneumatic steam regulator valve and pneumatic Angle valve for steam inlet, then steam trap.
Control&Sensor	PLC Control, Full Automatic and control system with touch screen 9 inch Siemens, the PLC control is Siemens 1200 G2 . The unit covered with 3 Temperature transimetter , 2 Level sensor from IFM , Flowmeter , Presure transimeter and working by 2 pumps from Donjoy with VSD control.
Pneumatic Valve Conrol	This Pasteurization unit is Double automation control starting from Milk receving in balance tank with 2 Pneumatic seated valve T , L valves, 1 Pneumatic seated valve T for CIP ball, 2 Pneumatic seated valve 1 * T/L + 1 L valve, Then 1 Pneumatic seated valve L/L 3 way for return incase of temperture drop set point, 1 Pneumatic seated valve L/L for drain ,1 Then 1 Pneumatic angle valve for water to balance tank.
Balance Tank	The Balance Tank is Stainless Steel 316L * 2.5MM with manhole 30 CM with CIP ball and Level sensor.
Holding Tube	Stainless steel Holding tube for 30Sec with material 316 pipes and elbow.



UF Unit 2 modules * 37 filter

Unit Details	All Unit in Chassis From Stainless steel 304 capacity 2 Modules each one 37 Ceramic Filter.
Hot Water Chiller System	This unit consist off Automatic heating and cooling system 304 with Penumatic angle valve 1.5" for steam supply and Return. Also same system for chiller supply and return . and steam trab 1"
Control&Sensor	PLC Control, Full Automatic and control system with touch screen 9 inch Siemens, the PLC control is Siemens 1200 G2 . The unit coverd with 3 PT100 , 2 Level sensor from IFM , Flowmeter , working by pump from Donjoy with VSD control.
Pneumatic Valve Conrol	This Machine consiste of semi automatic control valves for product in, Product out , CIP , and water Supply



CIP UNIT 3 Tanks * 1500L * Double Line

Unit Details	All Unit in Chassis From Stainless steel 304 capacity 3 tanks * 1500L . Tanks specification is Stainless Steel material * 316L from inside 2.5mm and 304 from outside *2mm tank isolated 2.5CM with manhole 45CM with Double line.
Hot Water System	This unit consist of two line for Automatic heating system 304 with Penumatic angle valve 2" for steam in and steam trab 1"
Control&Sensor	PLC Control, Full Automatic and control system with touch screen 9 inch Siemens, the PLC control is Siemens 1200 G2 . The unit coverd with 7 PT100 , 8 Level sensor from IFM , Flowmeter , Presure transimeter and working by 2 CIP pump from Donjoy with VSD control.
Pneumatic Valve Conrol	This CIP unit consist of 2 separte line for cleaning system each line consiste of 3 pneumatic Butterfly valve for tank out ,3 pneumatic Butterfly valve for material input each tank, 3 pneumatic angel valve for water inlet each tank, 3 pneumatic Butterfly valve for supply and return, 1 pneumatic Butterfly valve for water push, 1 pneumatic Butterfly valve for main line drain. All Valves from Donjoy.

Co-operation with the wone & Gericjen company

Personnel Hygiene Station

Boots Dryer

Foam Cleaning Trolley

Air Disinfection Machine

Electric One Way Door



HYIGENE & CLEANING ITEMS

PBW-23

Personnel Hygiene Station



i-clean system

Disinfection

Sole Wash

Boots Disinfection

Gurad

- i-clean system:**
Adjust personnel hygiene time
Adjust chemical dosage
Auto chemical concentration
 - Sanitizer Empty Alarm:**
 - Anti-Splash Design:**
Prevent spray outside splash.
 - Hygienic-Design:**
SS304 automatic welding.
- Integration:**
Hand disinfection, shoe sole cleaning functions, shoes&boots disinfection.
 - Sensor technology:**
Fully automated personal hygiene process.
 - Split structure design:**
Suitable for workshops with different entrance sizes.
 - Durable brush:**
Quick joint and disassemble design,cleaning and maintenance without tools.

TECHNICAL DATA

Name		Personnel Hygiene Station	
Model	PBW-23	Clean type	Personnel Hygiene
Voltage	220V/50Hz	Safety protect	Overload, Short circuit, Leakage protection
Power	1200W	Protection	IP54
Water Inlet	1/2" (DN15)	Operation mode	Economic & Forced
Water Outlet	1" (DN25)	Control mode	Auto
Weight	265KG	Environment TEM.	>2°C
Dimension	L2470x W1045x H1510mm	Sanitizer volume	5L

Boots Dryer



- Hygienic-Design:**
SS304 automatic welding.
- Small footprint:**
Can place back to back, save space.
- Integration**
With hot air drying & ozone disinfection function.



Heater



OZone



Timing

- Timing**
8 3 groups time setting of drying and disinfection.

TECHNICAL DATA

Name		Boots Dryer	
Model	PBD-10E/20	Clean type	Personnel Hygiene
Voltage	220V/50Hz	Safety protect	Overload, Short circuit, Leakage protection
Power	1200W/1800W	Start Mode	Timed start
Shoes num.	12pairs/ 20pairs	Functions	Drying, Disinfection
Weight	27KG / 38KG	Dimension	L870 x W490 x H1560mm L1400 x W490 x H1560mm

Mobile Foam Cleaning Trolley EFT-11



- Mobile design
- Imported brand pneumatic double diaphragm pump, durable, corrosion resistance.
- The spraying distance is about 6m, covering a large area.
Simple operation, easy to use



Foam



Hose



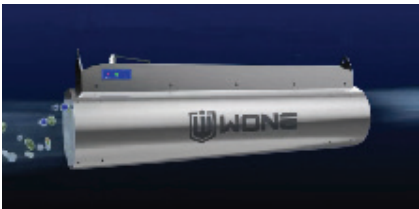
Mobile design

TECHNICAL DATA

Name		Mobile Foam Cleaning Trolley	
Model	EFT-11	Clean type	Equipment Hygiene
Inlet air	OD 10mm	Max. spray	6 M
Tank volume	60L	Hose length	10 M
Weight	20KG	Dimension	L610 x W600x H1170mm

Air Disinfection Machine

UV and Ozone system



Wireless Control



UV



OZone



Timing



Multi connection

i-clean control system:

The internal controller can precisely control the intensity and OZone concentration, with extremely high sterilization function.

Multi connection:

Can connect 50units maximum in 40 meters.

Hygienic design:SS304

- Time setting:

8 groups time setting, constantly kill bacteria, viruses, yeast and spores & other bacteria, can be in the production process without outside ventilation, keep the indoor fresh.

- Compact design:

Efficient air fluid design, quick circulation ventilation.

TECHNICAL DATA

Name		Air Disinfection Unit	
Model	AUT-200/300	Clean type	Air Hygiene
Sterilization area	200m ² / 300m ²	Operation mode	Auto-control
Voltage	220V / 50Hz	Installation	Top mounted
Power	800W /1 100W	Function mode	Ultraviolet (UV), Ozone (O3)
Weight	16KG / 20KG	Dimension	L980 x W220 x H325mm L1000 x W280 x H380mm
Temperature	5-45°C	Humidity	≤85%

Electric One Way Door



Gurad

- SS304 material, Acrylic door desgin.
- Photoelectric sensor desgin.

TECHNICAL DATA

Name Electric One Way Door			
Model	PCD-S3C	Clean type	Equipment Hygiene
Voltage	220V / 50Hz	Protection	IP54
Power	50W	Control mode	Auto
Start mode	Sensor	Weight	15 KG
Dimension	L800 x W165 x H1000mm		

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**Hand Disinfection
Turnstile PHS-11T**

Size: 800 * 800 * 1200 mm
Weight: 40KG / Power: 55w



Single Way Turnstile

Size: L790 x W 800 x H 1000 mm
Weight: 15KG / Model: PHT-01T



**Multi-Function Cleaning
Station EFC-325**

Size: L730 x W600 x H1840mm
Weight: 160KG / Power: 4000W



**Stainless steel clothes
cabinet Series**

Made in SS304 material, Hygiene design
Electronic lock to protect private Things

Professional Hygiene Tools



Single piece fixed head rubber wiper
Size: 500*110*50
Material : PP+TPE



Single piece rubber scraper
Size: 500*30*52
Material : PP+TPE



Single pole hand wiper
Size: 300*40*210
Material : PP+TPE



Earth brush
Size: 470*70*115*45
Material : PP+Polyester



Small brush
Size: 270*65*100*35
Material : PP+Polyester



Floor Broom
Size: 320*30*135*70
Material : PP+Polyester



Floor Broom
Size: 280*140*95*45
Material : PP+Polyester



Short Hand Brush
Size: 260*90*53*36
Material : PP+Polyester



Fine Particles Brush
Size: 280*35*65*45
Material : PP+Polyester



Tank brush
Size: 220*150*118*50
Material : PP+Polyester



Ergonomic alu.Handle
Size: 1300*Φ32
Material : PP+Aluminium



Ergonomic Handle
Size: 1300*Φ32
Material : PP+Stainless Steel



Hand Scraper

Size: 215*103*25

Material : PBT



Flat spatula, short short head

Size: 1150*260x90



Flat handle big Shovel short handle big head



Barrel (12L)

Size: 350x330x300

Material : PP



Scoop (1L)

Size: 290*175*105

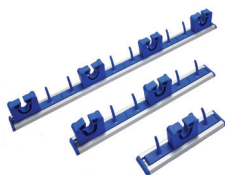
Material : PP



Hand-held cleaning board

Size: 230*95*80

Material : PP



Wall Bracket Set

Size: 750*53*60

Material: PP+Aluminium



Wall Brecket

Size: 460*60*65

Material: Stainless Steel



Curved hand scraper

Size: 200*113*40

Material : PBT+Metal



New Damietta, Industrial Area, Land No. 2; Block Zay

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