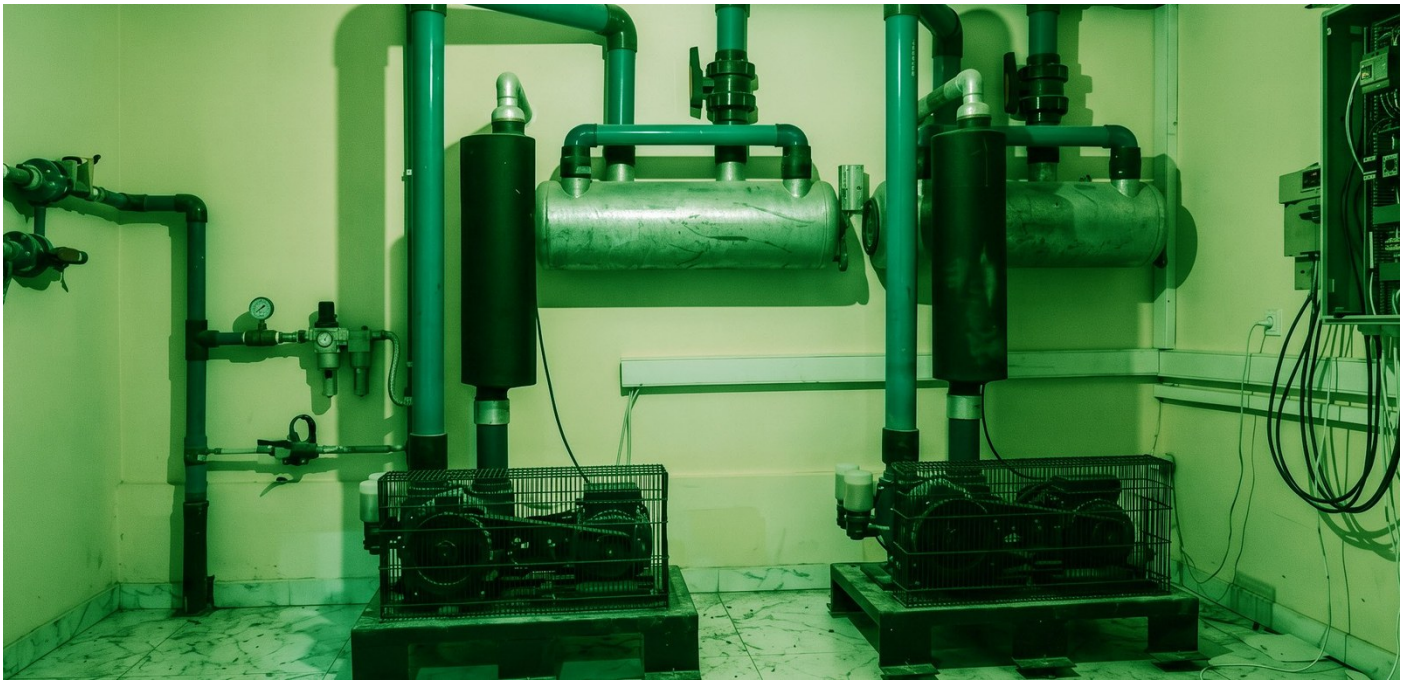


SECTION 04

VACUUM SYSTEMS

VACUUM UNITS, PUMP HEADS, REGULATORS AND ACCESSORIES

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VORTEX DAIRY TECH.

VACUUM SYSTEMS

COMPACT VACUUM UNITS

TANK-MOUNTED UNITS FOR BUCKET AND SMALL PIPELINE SYSTEMS



OILED 350

REF. 152361001

TECHNICAL DATA

MOTOR	1.1 kW · 220 V
VACUUM PUMP	350 l/min · oiled
VACUUM TANK	30 l
TANK FINISH	Hot-dipped galv.

For cows, sheep and goats.

THE RANGE



DRY 180
180 l/min · dry

REF. 151311802



OILED 180
180 l/min · oiled

REF. 151311820



DRY 230
230 l/min · dry

REF. 152361006



OILED 230
230 l/min · oiled

REF. 152361005

MODEL	REFERENCE	MOTOR	VACUUM PUMP	VACUUM TANK
DRY 180	151311802	0.75 kW · 220 V 50 Hz	180 l/min · dry	18 l · electrogalvanised
OILED 180	151311820	0.75 kW · 220 V 50 Hz	180 l/min · oiled	18 l · electrogalvanised
DRY 230	152361006	1.1 kW · 220 V 50 Hz	230 l/min · dry	18 l · electrogalvanised
OILED 230	152361005	1.1 kW · 220 V 50 Hz	230 l/min · oiled	18 l · electrogalvanised
OILED 350	152361001	1.1 kW · 220 V 50 Hz	350 l/min · oiled	30 l · hot-dipped galvanised

PARLOUR VACUUM UNITS

BELT-DRIVEN, OIL-LUBRICATED VANE PUMPS



VRX 600 / VRX 750

Oil-lubricated vane pump on a 45 l hot-dipped galvanised tank. Inlet 40 mm, outlet 50 mm.

VACUUM UNIT	VRX 600	VRX 750
Reference	152461007	152461001
Capacity l/min	600	750
Pump pulley mm	17 × 150	17 × 150
Pump rpm	1166	1435
Motor pulley mm	17 × 125	17 × 150
Motor rpm	1400	1435
Electric motor	2.2 kW · 220 V	2.2 kW · 380 V



VRX 1200 / VRX 1500

Tank-mounted unit with silencer on a 55 l hot-dipped galvanised tank. Inlet 63 mm, outlet 76 mm.

VACUUM UNIT	VRX 1200	VRX 1500
Reference	-	152461003
Capacity l/min	1200	1500
Pump pulley mm	17 × 150	17 × 150
Pump rpm	1071	1348
Motor pulley mm	17 × 112	17 × 140
Motor rpm	1435	1445
Electric motor	3 kW · 380 V	4 kW · 380 V

PARLOUR VACUUM UNITS

BELT-DRIVEN, OIL-LUBRICATED VANE PUMPS



VRX 1600 / VRX 2000

Frame-mounted unit with belt guard and tall silencer for larger parlours.

VACUUM UNIT	VRX 1600	VRX 2000
Reference	-	152461022
Capacity l/min	1600	2000
Pump pulley mm	17 × 150-2	17 × 150-2
Pump rpm	950	1262
Motor pulley mm	17 × 100-2	17 × 132-2
Motor rpm	1445	1435
Electric motor	4 kW · 380 V	5.5 kW · 380 V



VRX 2400 / VRX 3000

Our highest-capacity units, on a galvanised frame with full belt guard.

VACUUM UNIT	VRX 2400	VRX 3000
Reference	-	152461016
Capacity l/min	2400	3000
Pump pulley mm	17 × 170-2	17 × 150-2
Pump rpm	845	1095
Motor pulley mm	17 × 100-2	17 × 112-2
Motor rpm	1435	1465
Electric motor	5.5 kW · 380 V	7.5 kW · 380 V

VACUUM SYSTEMS

VACUUM PUMPS WITH ENGINE

FOR PORTABLE MACHINES · AND HOW TO SIZE A PARLOUR PUMP



DRY PUMP



OIL PUMP

PUMP TYPES

D Dry — Graphite vanes

O Oil — Fiber vanes

ENGINE

SUPPLY	220 V
SPEED	1450 rpm
POWER	0.55 / 0.75 kW

CODE	CAPACITY	TYPE	ENGINE
VX8776766	200 l/min	Dry	0.55 kW · 220 V · 1450 rpm
VX8776766-1	200 l/min	Oil	0.55 kW · 220 V · 1450 rpm
VX8786767	240 l/min	Dry	0.75 kW · 220 V · 1450 rpm
VX8786767-1	240 l/min	Oil	0.75 kW · 220 V · 1450 rpm

PARLOUR PUMP SELECTION GUIDE

MILKING UNITS	COWS / HOUR	PUMP CAPACITY	SUGGESTED UNIT
6 – 8	approx. 80	750 l/min	VRX 750
10 – 12	approx. 100	1000–1200 l/min	VRX 1200
14 – 20	approx. 100	1500 l/min	VRX 1500
20 – 30	approx. 150	2000 l/min	VRX 2000
30 – 40	approx. 200	2500–3000 l/min	VRX 3000

Guide only, based on oil-type parlour pump ratings. Pipeline length and options can change the size you need.

YV

VACUUM SYSTEMS

YUVAC VACUUM PUMP HEADS

SPARE PUMP HEADS FOR VRX UNITS · SILENCER INCLUDED

VORTEX DAIRY TECH.



YUVAC 750

REF. 1514618101

INLET	OUTLET	SILENCER
1 1/4"	1 1/4"	Included



YUVAC 1500

REF. 151461802

INLET	OUTLET	SILENCER
2"	2"	Included



YUVAC 2000

REF. 151461827

INLET	OUTLET	SILENCER
2 1/2"	2"	Included



YUVAC 3000

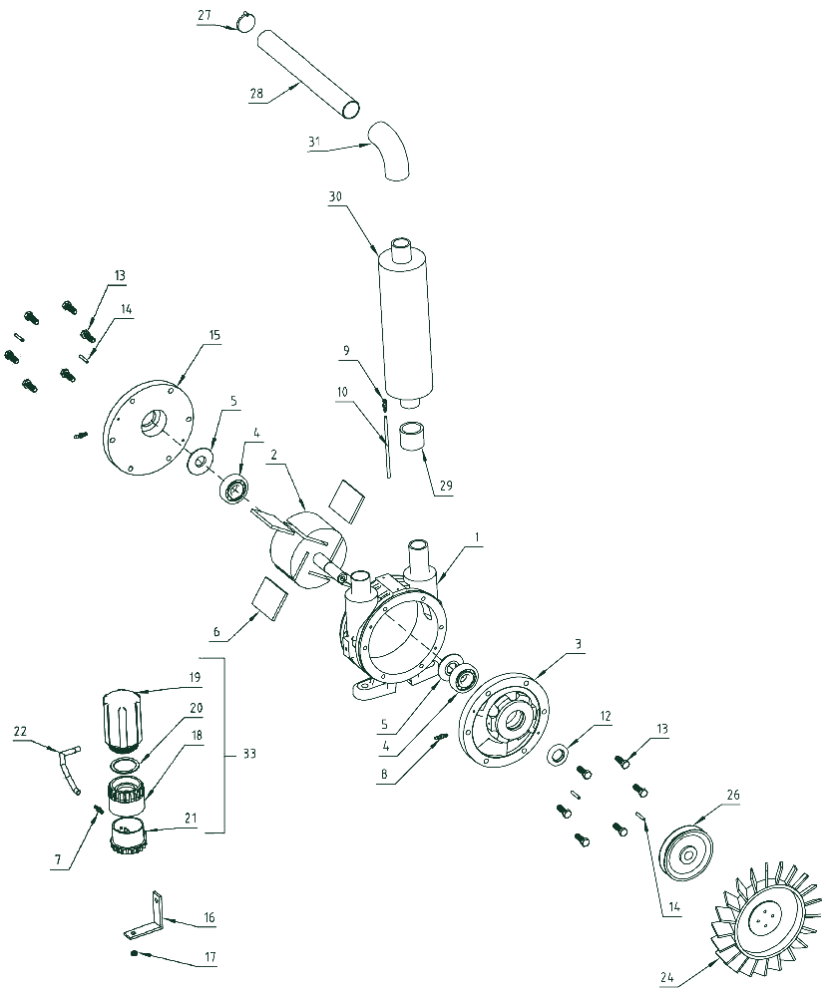
REF. 151461815

INLET	OUTLET	SILENCER
3"	3"	Included

PUMP HEAD	REFERENCE	INLET	OUTLET	USED ON
YUVAC 750	1514618101	1 1/4"	1 1/4"	VRX 600 / 750
YUVAC 1500	151461802	2"	2"	VRX 1200 / 1500
YUVAC 2000	151461827	2 1/2"	2"	VRX 1600 / 2000
YUVAC 3000	151461815	3"	3"	VRX 2400 / 3000

YUVAC 750 · SPARE PARTS

EXPLODED VIEW AND PART REFERENCES



NO	REFERENCE
1	151461012
2	151461015
3	151461014
4	150461040
5	151461023
6	150461034
7	150361062
8-9	151461008
10-22	150361030
12	150461029
13	150461037
14	150461067
15	151461013
16	151461817

NO	REFERENCE
17	150350040
18	150361033
19	150361017
20	150361036
21	150361034
24	150461115
26	150461053
27	151461016
28	151461024
29	150461044
30	151461007
31	150461129
33	150361018



YUVAC 750

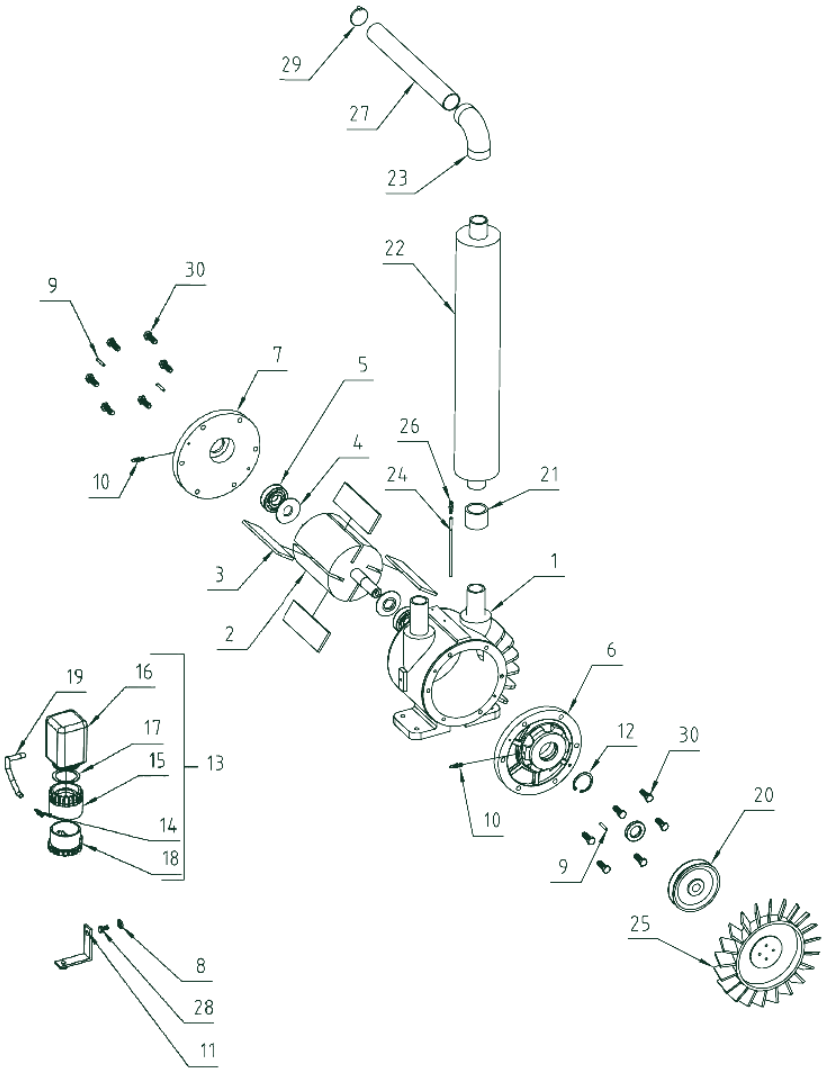
REF. 1514618101

INLET	OUTLET	SILENCER
1 1/4"	1 1/4"	Included

Quote the reference number when ordering a spare part.

YUVAC 1500 · SPARE PARTS

EXPLODED VIEW AND PART REFERENCES



NO	REFERENCE
1	151461804
2	151461805
3	150461160
4	151461023
5	150461040
6	151461825
7	151461824
8	150350039
9	150461067
10	151461008
11	151461817
12	150361015
13	150361018
14	150361062
15	150361033
16	150361017

NO	REFERENCE
17	150361036
18	150361034
19	150361030
20	150461053
21	150461075
22	151461803
23	150461130
24	150618003
25	150461115
26	150461132
27	151461026
28	150361021
29	151461025
30	150461037
31	150461029



YUVAC 1500

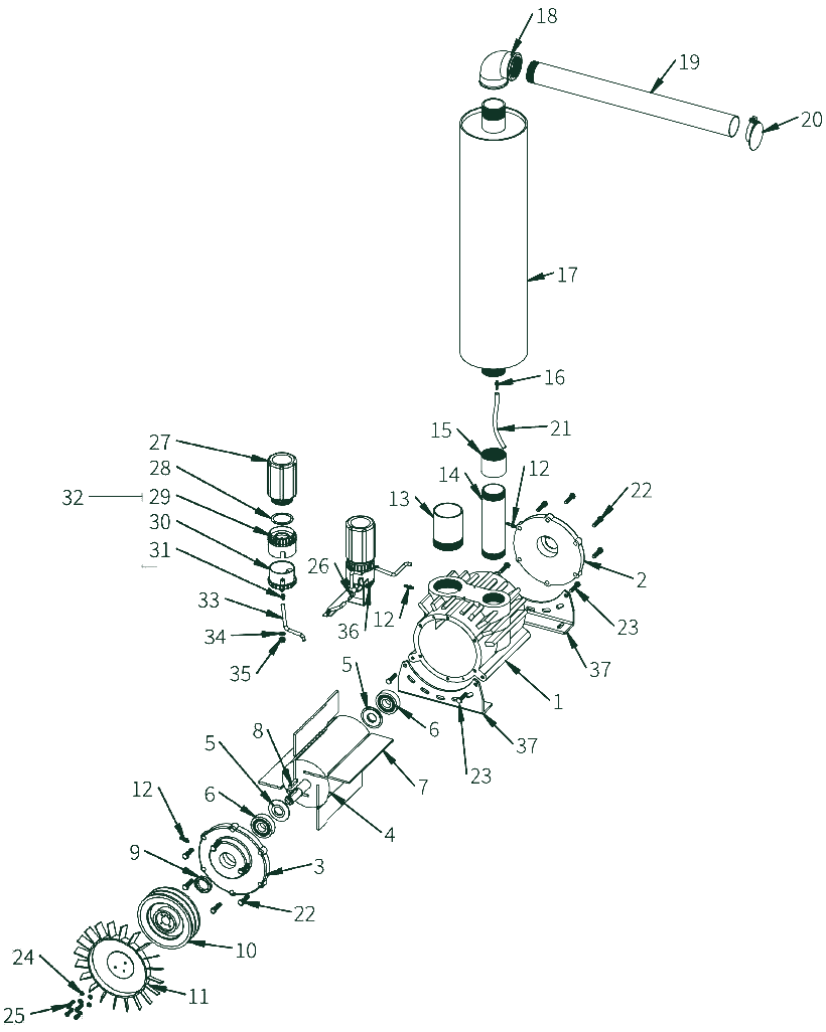
REF. 151461802

INLET	OUTLET	SILENCER
2"	2"	Included

Quote the reference number when ordering a spare part.

YUVAC 2000 · SPARE PARTS

EXPLODED VIEW AND PART REFERENCES



NO	REFERENCE
1	151461831
2	151461829
3	151461830
4	151461828
5	151461023
6	150461040
7	150461215
8	150461127
9	150461029
10	150461155
11	150461115
12	151461008
13	150423047
14	150461148
15	150461075
16	150461132
17	151361023
18	150461130
19	151461026

NO	REFERENCE
20	151461025
21	150618003
22	150423004
23	150461154
24	150361023
25	150311015
26	150461186
27	150361017
28	150361036
29	150361033
30	150361034
31	150361062
32	150361018
33	150361030
34	150419017
35	150461010
36	151461818
37	151461040



YUVAC 2000

REF. 151461827

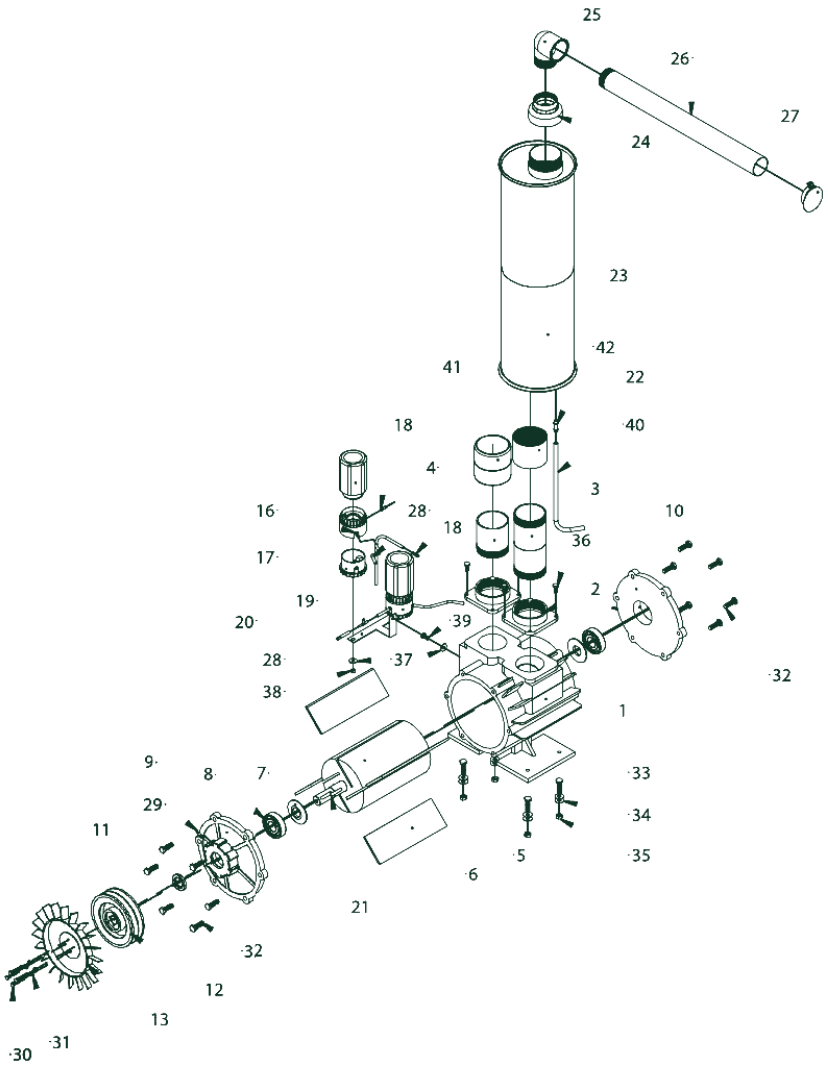
INLET	OUTLET	SILENCER
2 1/2"	2"	Included

Quote the reference number when ordering a spare part.

VACUUM SYSTEMS

YUVAC 3000 · SPARE PARTS

EXPLODED VIEW AND PART REFERENCES



NO	REFERENCE
1	151461810
2	151461813
3	150423048
4	150423048
5	151461809
6	150461028
7	151461033
8	150461167
9	151461812
10	151461811
11	150461198
12	150461178
13	150461115
14	150361017
15	150361036
16	150361033
17	150361034
18	150361062
19	150361018
20	151461818
21	150361041

NO	REFERENCE
22	150461188
23	151461819
24	150461189
25	150461074
26	151461026
27	151461025
28	150361030
29	151461008
30	150311015
31	150361023
32	150423004
33	150611020
34	150611012
35	150611013
36	150350036
37	150419017
38	150461010
39	150361021
40	150618003
41	150461085
42	150461132



YUVAC 3000

REF. 151461815

INLET	OUTLET	SILENCER
3"	3"	Included

Quote the reference number when ordering a spare part.

VACUUM TANKS · LIDS & GASKETS

SEALING PARTS FOR VACUUM TANKS



VACUUM TANK LID

VX440101



VACUUM TANK LID · BIG · TRANSPARENT

VX440101-3



VACUUM TANK LID GASKET

VX440101-1



SIDE LID GASKET · BIG TYPE

VX440101-2



VACUUM TANK GASKET

VX440101-5



VACUUM TANK GASKET

VX440101-6



OUTER GASKET · VACUUM TANK

VX8903547



INNER GASKET · VACUUM TANK

VX8903546

REFERENCES

PART	TYPE	CODE
Vacuum tank lid	Standard	VX440101
Vacuum tank lid	Big · transparent	VX440101-3
Lid gasket	Standard	VX440101-1
Side lid gasket	Big type	VX440101-2
Vacuum tank gasket	-	VX440101-5 / -6
Vacuum tank gasket	Outer / inner	VX8903547 / VX8903546

REGULATORS, GAUGES & AIR

CONTROL AND MONITOR THE VACUUM LEVEL

REGULATORS & GAUGES



SERVO REGULATOR · BIG PUMPS

VX430105-1



VACUUM REGULATOR

VX430105



VACUUM METER Ø63 · BLACK

VX430107



VACUUM METER Ø100 · BLACK

VX430107-1

AIR DISTRIBUTION



PULSATOR ADAPTER · SLIDE

VX8603696-1



PULSATOR ADAPTER KIT

VX8603696



HOSE HOLDER

VX8603696-2



CHASSIS TOP PLUG Ø73

VX510107

VACUUM GAUGE DATA

GAUGE	DIAL	SCALE	CODE
Vacuum meter	Ø 63 mm	-1 ... 0 bar	VX430107
Vacuum meter	Ø100 mm	-1 ... 0 bar	VX430107-1

VACUUM SYSTEMS

VANES & LUBRICATORS

WEAR PARTS FOR DRY AND OIL VANE PUMPS



GRAPHITE VANES · DRY PUMP

Seven sizes. Replace the full set at the same time.



FIBER VANES · OIL PUMP

Seven sizes. Replace the full set at the same time.

CODE	SIZE (MM)
VX410115	4.90 × 43 × 70
VX410116	4.90 × 43 × 75
VX410117	4.90 × 40 × 65
VX410118	4.90 × 41 × 70
VX410119	4.90 × 41 × 85
VX410120	4.90 × 43 × 80
VX410121	6.00 × 46 × 70

CODE	SIZE (MM)
VX510115	4.90 × 43 × 70
VX510116	4.90 × 40 × 65
VX510117	4.90 × 41 × 70
VX510118	4.90 × 41 × 85
VX510119	6.00 × 46 × 70
VX510120	4.90 × 43 × 75
VX510121	4.90 × 43 × 80

LUBRICATORS



LUBRICATOR 0.5 L

VX430109



LUBRICATOR 1 L

VX430110



WASTE OIL TANK

VX430109-1



LUBRICATOR GASKET

VX440111-1