Kaishan Technologies Rotary Screw Air Compressor

KRSD 15-20HP Parts Manual

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Service Parts

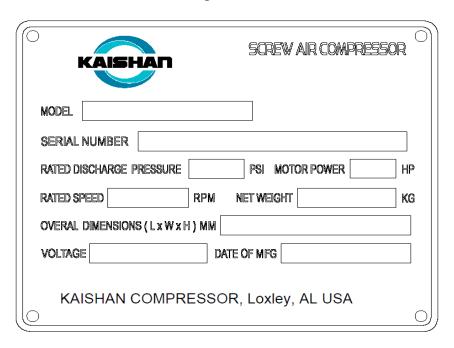
The following information must be provided for ordering service parts:

- 1. The serial number of unit must be provided. It will be verified to ensure correct replacement parts are ordered.
- 2. Service parts must be ordered from closest authorized distributor.
- 3. Exact part number, quantity and delivery method must be provided.

All service parts must be ordered through nearest authorized distributor. Insist on genuine manufacturer parts only. Failure to do so may void product warranty.

Serial Number

The unit serial number can be found on serial number tag, which is located on the cabinet corner post of the unit. The serial number tag is shown as follows.



Fluid Specification

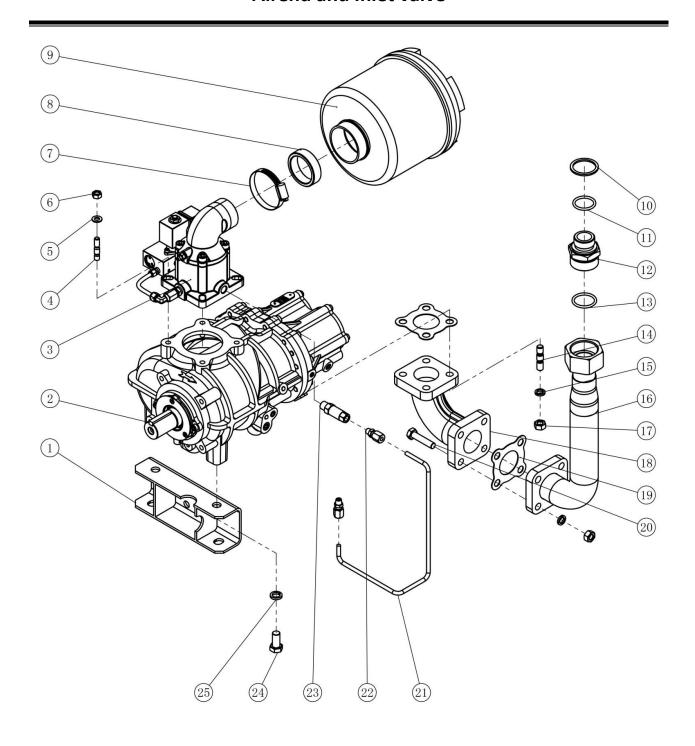


Spare Parts

Recommended spare parts are shown as follows:

ITEM No.	QTY	PART NUMBER	DESCRIPTION	
1	1	07703 01250 00	Air filter element	
2	1	07709 94172 00	Oil filter	
3	1	07704 30141 77	Fluid/air separator element	

Airend and Inlet valve



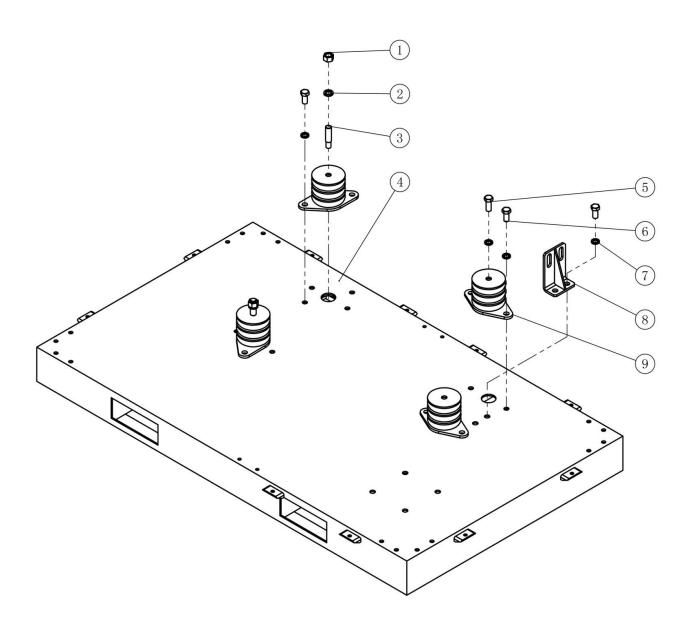
Airend and Inlet valve

(/)

NO.	PN	DESCRIPTION	QTY	REMARK
1	85433 01002 09	Airend support	1	
0	1250101	A. 1	1	KRSD20(VSD)
2	1370101	Airend		KRSD(VSD)
3	01608 04016 07	Inlet valve	1	
3A *	04002 00040 00	Inlet valve kit	1	Spring A, Spring B, O'ring 29.82x2.62, Piston ring, Sealer, O'ring 82.22x2.62
3B *	01605 00110 00	Blowdown solenoid valve	1	
4	01392 08030 00	Stud	4	AM8X30
5	01366 08000 00	Washer	4	8
6	01322 08000 00	Nut	4	M8
7	04401 05007 60	Ноор	1	
8	02218 04705 90	Clamp	1	
9	07702 05087 97	Air filter	1	
10	02201 00025 00	Screw washer	1	
11	02901 03000 30	O-ring	1	30X3.55
12	19315 06001 09	Joint	1	G1-M45X2
13	02901 03250 30	O-ring	1	32.5X3.55
14	01392 10030 00	Stud	4	AM10X30
15	01365 10000 00	Washer	8	10
16	85433 03003 09	Discharge pipe	1	
17	01322 10000 00	Nut	8	M10
18	13424 03001 00	Discharge pipe	1	
19	02217 07504 16	Gasket	2	
20	01306 10045 00	Bolt	4	M10X45
21	85433 01004 09	Oil return pipe	1	
22	01512 06100 00	Joint	2	
23	01610 03000 00	Check valve	1	
24	01307 12025 00	Bolt	2	M12X25
25	01365 12000 00	Washer	2	12

^{*}Items not shown on the drawing.

Base Mounting

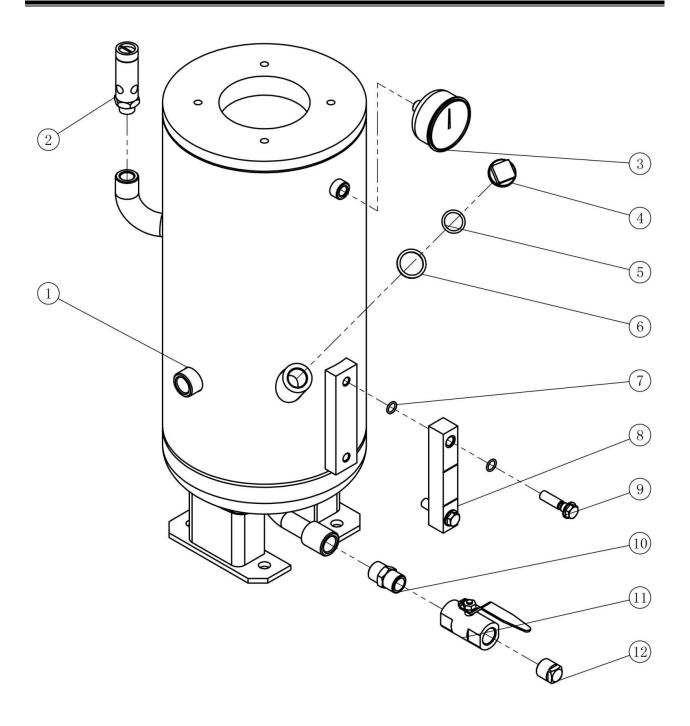


Base Mounting

(/)

NO.	PN	DESCRIPTION	QTY	REMARK
1	01322 14000 00	Nut	2	M14
2	01365 14000 00	Washer	2	14
3	13340 02001 09	Stud	2	
4	85433 02010 09	Base	1	
5	01307 12030 00	Bolt	1	M12X30
6	01307 12025 00	Bolt	4	M12X25
7	01365 12000 00	Washer	5	12
8	16315 00001 07	Fixing plate, shipping	1	
9	02905 00001 00	Absorber	4	

Reservoir

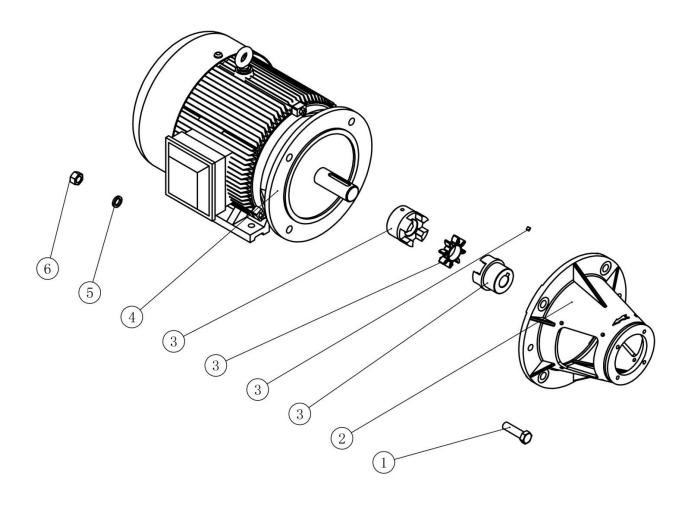


Reservoir

(GROUP PN:)

NO.	PN	DESCRIPTION	QTY	REMARK
1	85433 03010 09	Fluid/air separator tank	1	
2	01601 10100 01	Relief valve	1	
3	02801 06308 00	Pressure gauge	1	
4	53404 01002 00	Plug	1	
5	02901 02000 20	0-ring	1	20X2.65
6	02201 02215 00	Screw washer	1	
7	02901 01060 10	0-ring	4	10.6X1.8
8	13315 03002 00	Oil sight glass	1	
9	13315 03001 00	Hollow bolt	2	M10X40
10	13340 03004 00	Joint	1	
11	01613 01545 00	Ball valve	1	DN15
12	02103 00015 00	Plug	1	

Driving System and Electrical Motor

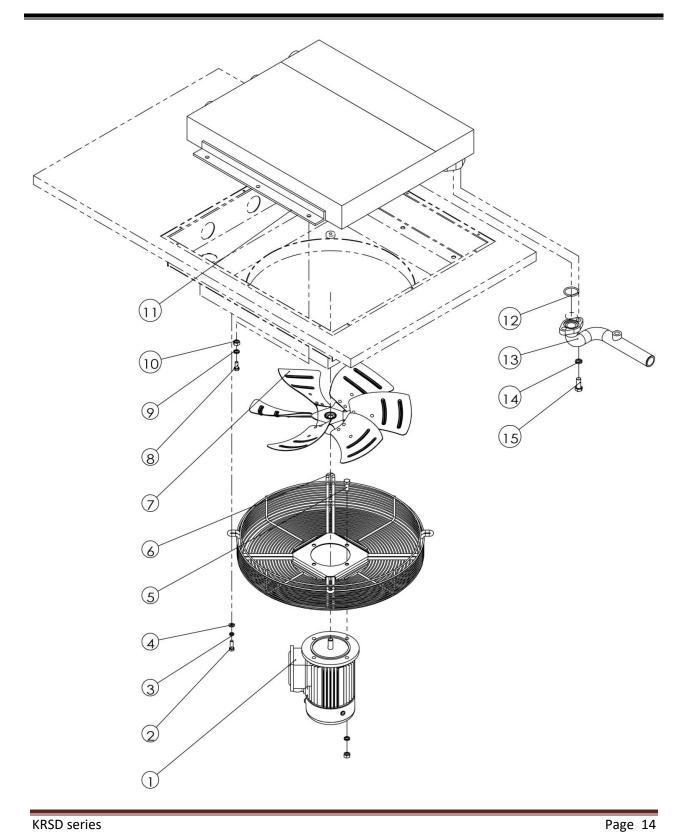


Driving System and Electrical Motor

(/)

NO.	PN	DESCRIPTION	QTY	REMARK
1	01307 18065 00	Bolt	1	M18X65
2	1250101501	Connecting cylinder	1	
	01902 03801 00	Coupling	1	
	01347 08008 00	Set screw	2	M8X8
3	01908 03800 00	Elastomer	1	
	01905 03803 00	Half coupling	1	
	01905 03804 20	Half coupling	1	
	62015 37642 25	W.		KRSD20, FS/208/230/460V
	62015 46942 25			KRSD20, VSD/460V
4	62011 37642 25		1	KRSD15, FS/208/230/460V
4	62011 46942 25	Motor	1	KRSD15, VSD/460V
	62015 58642 25]		KRSD20, FS/575V
	62011 58642 25]		KRSD15, FS/575V
5	01365 18000 00	Washer	1	18
6	01322 18000 00	Nut	1	M18

Air Cooler

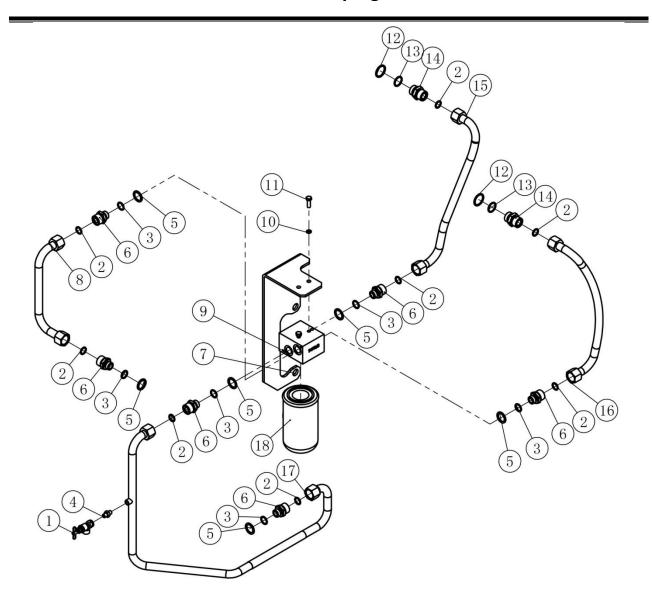


Air Cooler

(GROUP PN:)

NO.	PN	DESCRIPTION	QTY	REMARK
	66125 37651 25			FS/208/230/460V
1	66125 58651 25	Motor(0.25kW)	1	FS/575V
	66125 46651 25			VSD
2	01307 08025 00	Bolt	1	M8X25
3	01365 08000 00	Washer	1	8
4	01366 08000 00	Washer	1	8
5	01307 10025 00	Bolt	4	M10X25
6	07205 00450 01	Net cover	1	
7	07204 45009 00	Impeller	1	
8	01307 08020 00	Bolt	1	M8X20
9	01365 10000 00	Washer	5	10
10	01322 10000 00	Nut	5	M10
11	12333 05010 00	Cooler	1	
12	02901 03550 30	0-ring	1	33. 5X3. 55
13	85433 05001 09	Connecting pipe	1	
14	01365 12000 00	Washer	1	12
15	01307 12030 00	Bolt	1	M12X30

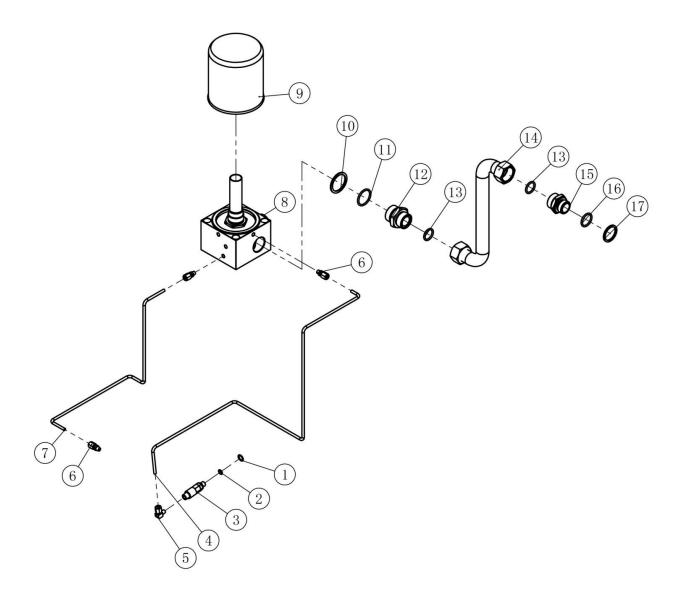
Fluid Piping



NO.	PN	DESCRIPTION	QTY	REMARK
1	01613 00600 99	Sample valve	1	
2	02901 01600 20	O-ring	8	16X2.55
3	02901 01800 20	O-ring	6	18X2.65
4	98018 07011 06	Joint	1	
5	02201 00015 00	Screw washer	6	
6	12315 06001 09	Joint	6	
7	85433 06001 09	Oil filter support	1	
8	85433 06005 09	Oil pipe	1	Inlet thermal valve
9	01611 01583 02	Thernal valve	1	
9A*	04004 15083 00	Thermal valve kit	1	O-ring 31.9x2.62, Valve element, Sleeve, Spring.
10	01365 08000 00	Washer	2	8
11	01307 08025 00	Bolt	2	M8X25
12	02201 00020 00	Screw washer	2	
13	02901 02360 20	O-ring	2	23. 6X2. 65
14	12315 06004 09	Joint	2	
15	85433 06004 09	Oil pipe	1	Outlet cooler
16	85433 06003 09	Oil pipe	1	Inlet cooler
17	85433 06002 09	Oil pipe	1	Inlet airend
18	07709 94172 00	Oil filter	1	

^{*}Items not shown on the drawing.

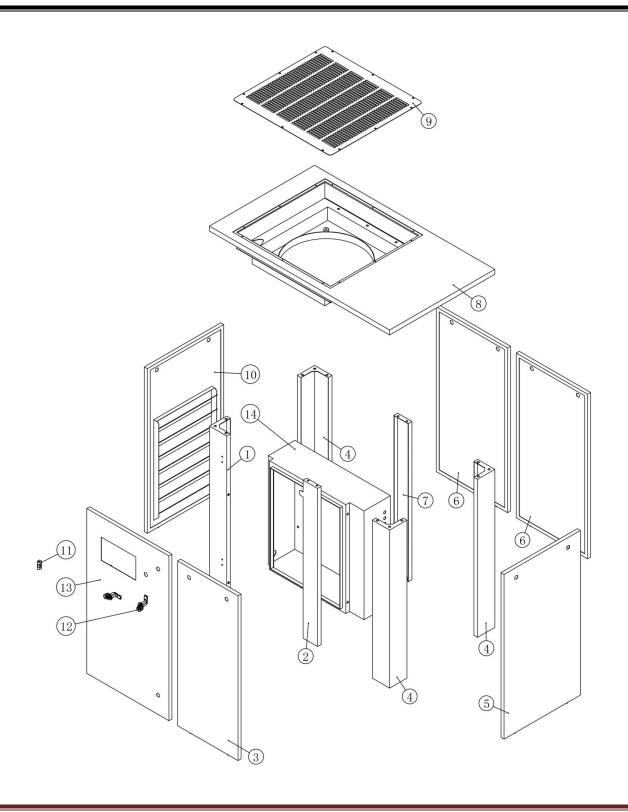
Air Piping



NO.	PN	DESCRIPTION	QTY	REMARK
1	02201 01215 00	Screw washer	1	
2	02901 00950 10	O-ring	1	9.5X1.8
3	01610 01010 01	Oil sight check valve	1	
4	85433 03004 09	Oil return pipe	1	
5	01513 06100 00	Joint	1	
6	01512 06100 00	Joint	3	
7	85433 01003 09	Control pipe	1	
8	01617 00025 08	Combination valve	1	
8A*	04002 00025 01	Combination valve kit	1	O'ring 34x3, o'ring 39x3, Valve element A, Check spring, Valve element B, o'ring 25x2.62, spring, o'ring 104.37x3.53
9	07704 30141 77	Fluid/air separator element	1	
10	02201 00032 00	Screw washer	1	
11	02901 03870 30	O-ring	1	38.7X3.55
12	98018 06006 00	Joint	1	
13	02901 02580 30	O-ring	2	25.8X3.55
14	85433 05002 09	Air pipe	1	
15	13315 07003 09	Joint	1	
16	02901 03000 30	O-ring	1	30X3.55
17	02201 00025 00	Screw washer	1	

^{*}Items not shown on the drawing.

Cabinet(Fixed speed)

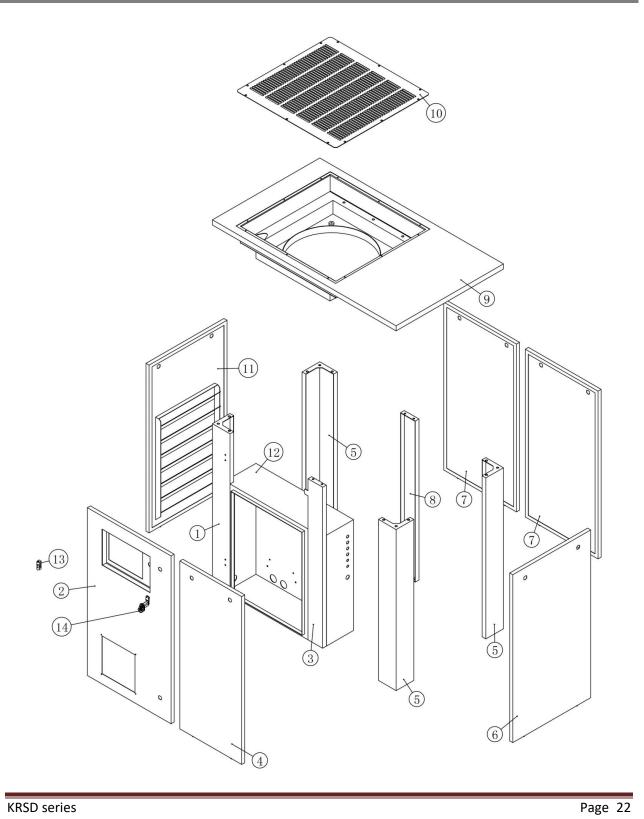


Cabinet(Fixed speed)

(GROUP PN:)

NO.	PN	DESCRIPTION	QTY	REMARK
1	85433 08001 09	Support	1	
2	85433 08004 09	Support	1	
3	85433 08130 09	Door	1	
4	85433 08002 09	Support	3	
5	85433 08008 09	Door	1	
6	85433 08006 09	Door	2	
7	85433 08007 09	Support	1	
8	85433 08005 09	Top cover	1	
9	12333 08120 00	Top net cover	1	
10	85433 08009 09	Door	1	
11	02702 22200 00	Hinge	2	
12	02702 71111 03	Lock	11	
13	85433 08003 09	Control panel	1	
14	85433 08120 09	Electric cabinet	1	

Cabinet(VSD)

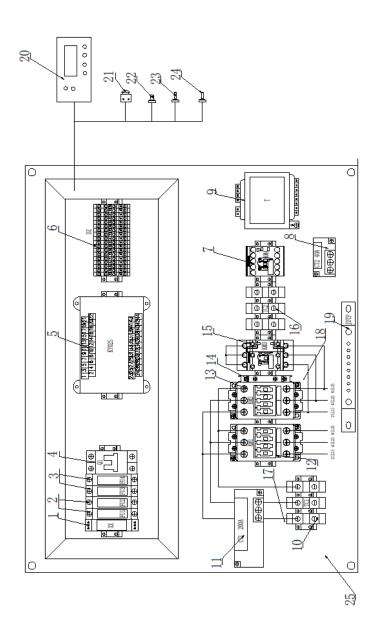


Cabinet(VSD)

(GROUP PN:)

NO.	PN	DESCRIPTION	QTY	REMARK
1	85433 08001 09	Support	1	
2	85444 08003 09	Control panel	1	
3	85433 08004 09	Support	1	
4	85433 08130 09	Door	1	
5	85433 08002 09	Support	3	
6	85433 08008 09	Door	1	
7	85433 08006 09	Door	2	
8	85433 08007 09	Support	1	
9	85433 08005 09	Top cover	1	
10	12333 08120 00	Top net cover	1	
11	85433 08009 09	Door	1	
12	85444 08120 09	Electric cabinet	1	
13	02702 22200 00	Hinge	2	
14	02702 71111 03	Lock	11	
	07706 98052 00	Electrical cabinet air inlet filter frame	1	
	07706 98032 00	Electrical cabinet air outlet filter frame	2	
	160004-001	Filter element	3	
	07211 12381 00	Electrical cabinet air outlet fan	2	

Electrical Enclosure(15HP)



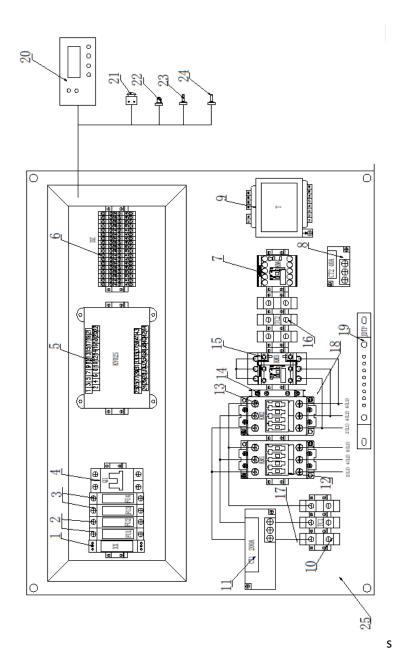
Electrical Enclosure(15HP)

(208/230/460/FS)

NO.	PN	DESCRIPTION	QTY	REMARK
1	02814 00080 00	Phase sequence protector	1	XX
2	02820 00001 00	Fuse block	2	FU3-FU4
3	02820 00001 00	Fuse block	2	FU1-FU2
4	02819 06526 00	Miniature circuit breaker	1	Q1
5	02811 00210 55	PLC	1	PLC
6	08703 00004 00	Terminal block	18	DZ
7	02825 60038 00	Fan motor contactor	1	KM4
8	02824 20040 00	Fan motor transformer	1	CT2
9	02818 01000 10	Transformer	1	T
10	08703 00035 00	Terminal block	3	TC1
11	02824 00200 00	Motor transformer	1	CT1
12	02825 00341 00	AC contactor	1	KM1
13	02825 00341 00	AC contactor	1	KM2
14	08705 35921 11	Auxiliary contact	1	FZ
15	02825 60025 01	AC contactor	1	KM3
16	08703 00035 00	Terminal block	3	TC2
17	08704 08010 00	Cable	0.6 M	BVR
18	08704 10006 00	Cable	1.2 M	BVR
19	02829 32020 60	Grounding copper bar	1	JDTP
20	02815 00202 02	Monitor	1	XSQ
0.1	02827 04844 00	Emergency button	1	JT
21	02827 04104 00	Emergency button support	1	J I
22	02810 00016 00	Pressure sensor	1	DP
23	02810 10004 00	Temperature sensor	1	DT
24	02810 10004 00	Temperature sensor	1	ST
25		Electric control board	1	DKB
*27	02821 10002 00	Fuse	4	FU1-FU4

Note: * Items are not shown on the drawing.

Electrical Enclosure(20HP)



Electrical Enclosure

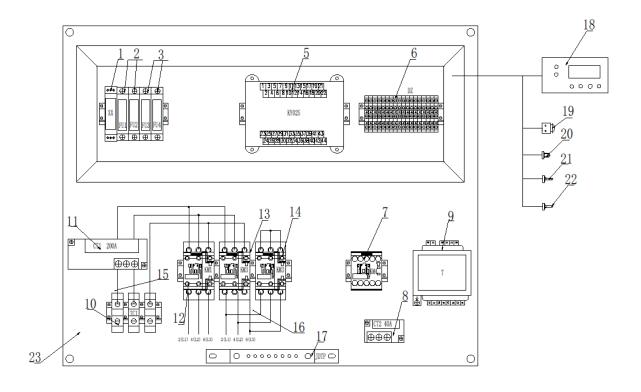
(208/230/460/FS)

NO.	PN	DESCRIPTION	QTY	REMARK
1	02814 00080 00	Phase sequence protector	1	XX
2	02820 00001 00	Fuse block	2	FU3-FU4
3	02820 00001 00	Fuse block	2	FU3-FU4
4	02819 06526 00	Miniature circuit breaker	1	Q1
5	02811 00210 55	PLC	1	PLC
6	08703 00004 00	Terminal block	18	DZ
7	02825 60038 00	Fan motor contactor	1	KM4
8	02824 20040 00	Fan motor transformer	1	CT2
9	02818 01000 10	Transformer	1	T
10	08703 00035 00	Terminal block	3	TC1
11	02824 00200 00	Motor transformer	1	CT1
12	02825 60040 01	AC contactor	1	KM1
13	02825 60040 01	AC contactor	1	KM2
14	08705 35921 11	Auxiliary contact	1	FZ
15	02825 60025 01	AC contactor	1	KM3
16	08703 00035 00	Terminal block	3	TC2
17	08704 06016 00	Cable	0.6M	BVR
18	08704 08010 00	Cable	1.2M	BVR
19	02829 32020 60	Grounding copper bar	1	JDTP
20	02815 00202 02	Monitor	1	XSQ
21	02827 04844 00	Emergency button	1	JT
21	02827 04104 00	Emergency button support		
22	02810 00016 00	Pressure sensor	1	DP
23	02810 10004 00	Temperature sensor	1	DT
25	02810 10004 00	Temperature sensor	1	ST
25		Electric control board	1	DKB
*27	02821 10002 00	Fuse	4	FU1-FU4

Note: * Items are not shown on the drawing.

Electrical Enclosure(15HP)

(575V/FS)



Electrical Enclosure(15HP)

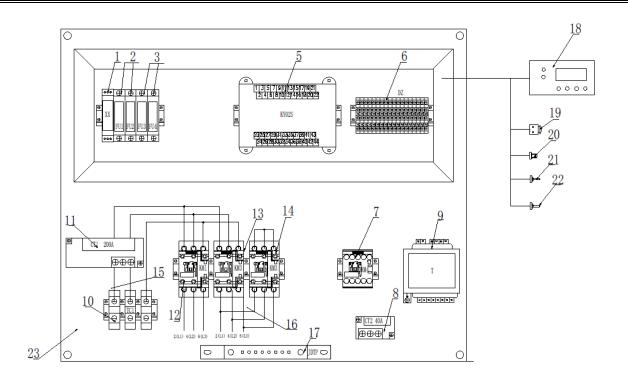
(575V/FS)

NO.	PN	DESCRIPTION	QTY	REMARK
1	02814 05169 00	Phase sequence protector	1	XX
2	02820 00001 00	Fuse block	2	FU1-FU2
3	02820 00001 00	Fuse block	2	FU3-FU4
5	02811 00204 55	Controller	1	PLC
6	08703 00004 00	Terminal block	18	DZ
7	02825 60038 00	Fan motor contactor	1	KM4
8	02824 20040 00	Fan motor transformer	1	CT2
9	02818 01000 10	Transformer	1	T
10	08703 00035 00	Terminal block	3	TC1
11	02824 10040 00	Current transformer	1	CT1
12	02825 60025 01	AC contactor	1	KM1
13	02825 60025 01	AC contactor	1	KM2
14	02825 60018 01	AC contactor	1	KM3
15	08704 10006 00	Cable	0.6M	BVR
16	08704 12004 00	Cable	1.2M	BVR
17	02829 32020 60	Grounding copper bar	1	JDTP
18	02815 00202 02	Monitor	1	XSQ
10	02827 04844 00	Emergency stop button	1	JT
19	02827 04104 00	Emergency stop button seat		
20	02810 00016 00	Pressure sensor	1	DP
21	02810 10004 00	Temperature sensor	1	DT
22	02810 10004 00	Temperature sensor	1	ST
23		Electric control board	1	DKB
*24	02821 10002 00	Fuse	4	FU1-FU4

Note: * Items are not shown on the drawing.

Electrical Enclosure(20HP)

(575V/FS)



Electrical Enclosure(20HP)

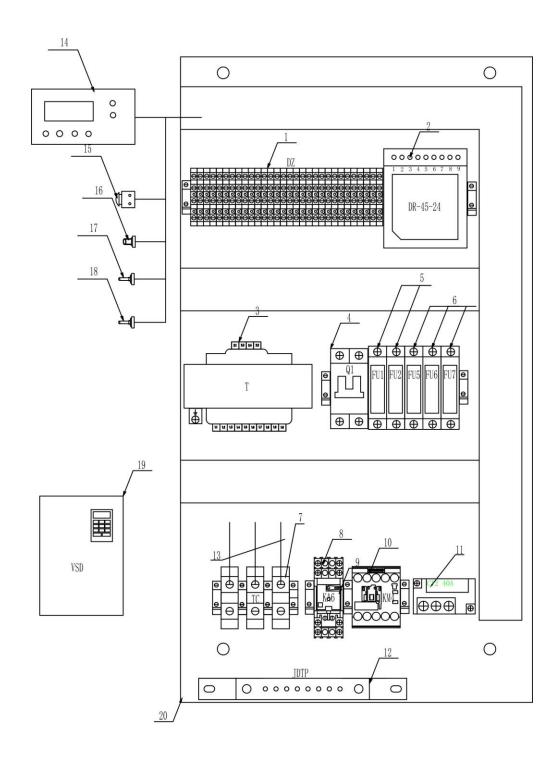
(575V/FS)

NO.	PN	DESCRIPTION	QTY	REMARK
1	02814 05169 00	Phase sequence protector	1	XX
2	02820 00001 00	Fuse block	2	FU3-FU4
3	02820 00001 00	Fuse block	2	FU3-FU4
5	02811 00204 55	Controller	1	PLC
6	08703 00004 00	Terminal block	18	DZ
7	02825 60038 00	Fan motor contactor	1	KM4
8	02824 20040 00	Fan motor transformer	1	CT2
9	02818 01000 10	Transformer	1	T
10	08703 00035 00	Terminal block	3	TC1
11	02824 00200 00	Motor transformer	1	CT1
12	02825 60032 01	AC contactor	1	KM1
13	02825 60032 01	AC contactor	1	KM2
14	02825 60025 01	AC contactor	1	KM3
15	08704 08010 00	Cable	0.6M	BVR
16	08704 08006 00	Cable	1.2M	BVR
17	02829 32020 60	Grounding copper bar	1	JDTP
18	02815 00202 02	Monitor	1	XSQ
10	02827 04844 00	Emergency stop button	1	JT
19	02827 04104 00	Emergency stop button seat		
20	02810 00016 00	Pressure sensor	1	DP
21	02810 10004 00	Temperature sensor	1	DT
22	02810 10004 00	Temperature sensor	1	ST
23		Electric control board	1	DKB
*24	02821 10002 00	Fuse	4	FU1-FU4

Note: * Items are not shown on the drawing.

Electrical Enclosure(15HP)

(VSD)



Electrical Enclosure(15HP)

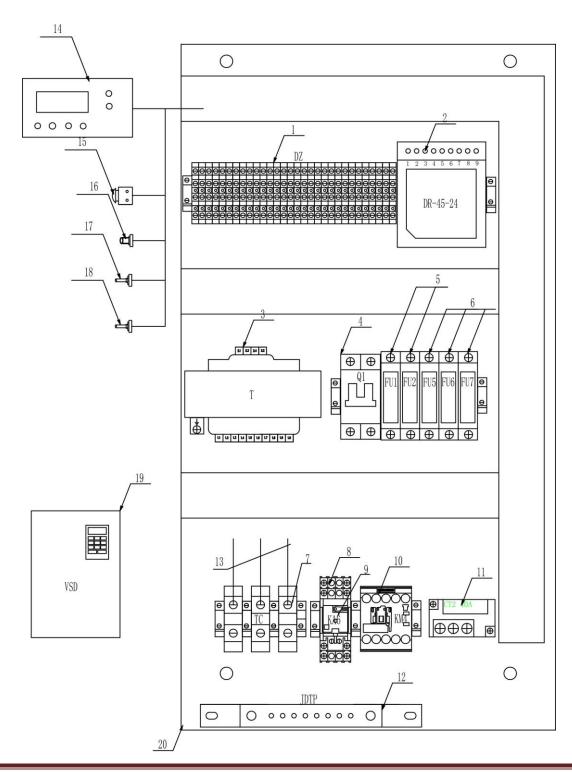
(VSD)

NO.	PN	DESCRIPTION	QTY	REMARK
1	08703 00004 00	Terminal block	30	DZ
2	02808 04524 00	Power supply	1	DR
3	02818 03150 10	Transformer	1	T
4	02819 06526 00	Miniature breaker	1	Q1
5	02820 00001 00	Fuse block	2	FU1-FU2
6	02820 00001 00	Fuse block	3	FU5-FU7
7	08703 00035 00	Terminal block	3	TC
8	02814 00002 00	Intermediate relay base	1	KA6
9	02814 01102 00	Intermediate relay head	1	KA6
10	02825 60038 00	Fan motor contactor	1	KM4
11	02824 20040 00	Fan motor transformer	1	CT2
12	02829 32020 60	Grounding copper bar	1	JDTP
13	08704 10006 00	Cable	1.8M	BVR
14	02811 15151 47	Monitor	1	XSQ
15	02827 04844 00	Emergency stop button	1	JT
15	02827 04104 00	Emergency stop button seat	1	JT
16	02810 00016 00	Pressure sensor	1	DP
17	02810 10004 00	Temperature sensor	1	DT
18	02810 10004 00	Temperature sensor	1	ST
19	02828 50031 00	VSD	1	VSD
20		Electric control board	1	DKB
*21	02821 10006 00	Fuse	2	FU1-FU2
*22	02821 10002 00	Fuse	3	FU5-FU7

Note: * Items are not shown on the drawing.

Electrical Enclosure(20HP)

(VSD)



Electrical Enclosure(20HP)

(VSD)

NO.	PN	DESCRIPTION	QTY	REMARK
1	08703 00004 00	Terminal block	30	DZ
2	02808 04524 00	Power supply	1	DR
3	02818 03150 10	Transformer	1	T
4	02819 06526 00	Miniature breaker	1	Q1
5	02820 00001 00	Fuse block	2	FU1-FU2
6	02820 00001 00	Fuse block	3	FU5-FU7
7	08703 00035 00	Terminal block	3	TC
8	02814 00002 00	Intermediate relay base	1	KA6
9	02814 01102 00	Intermediate relay head	1	KA6
10	02825 60038 00	Fan motor contactor	1	KM4
11	02824 20040 00	Fan motor transformer	1	CT2
12	02829 32020 60	Grounding copper bar	1	JDTP
13	08704 08010 00	Cable	1.8M	BVR
14	02811 15151 47	Monitor	1	XSQ
1.5	02827 04844 00	Emergency stop button	1	JT
15	02827 04104 00	Emergency stop button seat	1	JT
16	02810 00016 00	Pressure sensor	1	DP
17	02810 10004 00	Temperature sensor	1	DT
18	02810 10004 00	Temperature sensor	1	ST
19	02828 50038 00	VSD	1	VSD
20		Electric control board	1	DKB
*21	02821 10006 00	Fuse	2	FU1-FU2
*22	02821 10002 00	Fuse	3	FU5-FU7

Note: * Items are not shown on the drawing.

Decals

Decals information is shown as following.















Decals













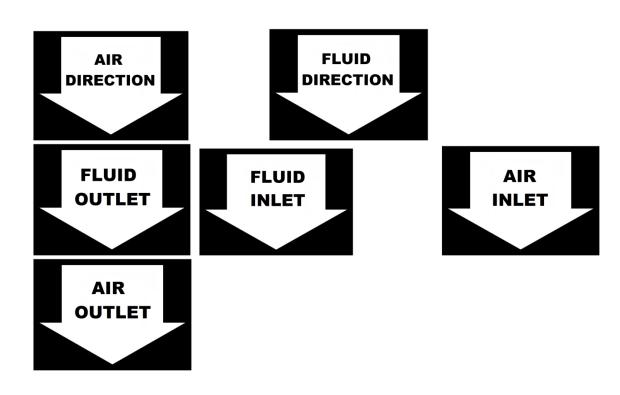




NOTE:

1. DECALS P/N: 142939

Decals





NOTE:

1. DECALS P/N: 142939

Standard Terms and Conditions

These terms and conditions govern the sale of Products ("Rotary Screw Air Compressors and parts") and provisions of services by Kaishan Technologies Compressor Co. Ltd (Seller) and its authorized representative or buyer. These terms and conditions ("Agreement") take precedence over Buyer's supplemental or conflicting terms and conditions to which notice of objection is hereby given. Neither Seller's commencement of performance or delivery shall be deemed or construed as acceptance of Buyer's supplemental or conflicting terms and conditions. Kaishan Technologies Compressor's failure to object to conflicting or additional terms will not change or add to the terms of this agreement. Buyer's acceptance of the Products and/or Services from Seller shall be deemed to constitute acceptance of the terms and conditions contained herein.

Orders: All orders placed by Buyer are subject to acceptance by Seller. Orders may not be canceled or rescheduled without Seller's written consent. All orders must identify the products, unit quantities, part numbers, applicable prices and requested delivery dates of the Products being purchased. Seller may at its sole discretion allocate Product among its Buyer. Seller may designate certain Products and Services as non-cancelable, non-returnable and the sale of such Products shall be subject to the special terms and conditions contained in Seller's Customer Acknowledgement or Non-Returnable Product Form, which shall prevail and supersede any inconsistent terms and conditions contained herein or elsewhere.

Prices: The prices of the Products are those prices specified on the front of the invoice or contained within an agreed written contract. Price quotations shall automatically expire in thirty (30) days from the date issued, or as otherwise stated in the quotation.

Taxes: Unless otherwise agreed to in writing by Seller, all prices quoted are exclusive of transportation and insurance costs, duties, and all taxes including federal, state and local sales, excise and value added, goods and services taxes, and any other taxes. Buyer agrees to indemnify and hold Seller harmless for any liability for tax in connection with the sale, as well as the collection or withholding thereof, including penalties and interest thereon. When applicable, transportation and taxes shall appear as separate items on Seller's invoice.

Payment: Payment may be made by check, money order, credit card, or wire transfer (all fees are borne by the Buyer). Where Seller has extended credit to Buyer, terms of payment shall be net thirty (30) days from date of invoice, without offset or deduction. On any past due invoice, Seller may impose a monthly interest rate. If Buyer fails to make the required payments the Seller will impose the interest rate each month. If Buyer fails to make each payment when it is due, Seller reserves the right to withdraw credit and thereby suspend or cancel performance under any or all purchase orders or agreements in which Seller has extended credit to Buyer. In the event of default by Buyer, Seller shall be entitled to costs, fees, and expenses including but not limited to recovery of attorney fees, court costs and fees, and collections costs.

Standard Terms and Conditions

Delivery and Title: The locations of shipment delivery will be made according to the Seller and Buyer agreement. Title and risk of loss pass to the Buyer upon delivery of the Product to the carrier. Seller's delivery dates are estimates only and Seller is not liable for delays in delivery or for failure to perform due to causes beyond the reasonable control of the Seller, nor shall the carrier be deemed an agent of the Seller. A delayed delivery of any part of an Order does not entitle Buyer to cancel other deliveries. Kaishan Technologies Compressor will comply with various federal, state and local laws and regulation concerning occupational health, safety and environment concerns. Buyer has full responsibility to comply with those laws and regulations during the installation and operation of the equipment.

Acceptance / Returns: Shipments will be deemed to have been accepted by Buyer upon delivery of the said shipments to Buyer unless rejected upon receipt. Buyer shall perform all inspections and tests. Buyer deems necessary as promptly as possible but in no event later than 7 days after receipt of Products, at which time Buyer will be deemed to have irrevocably accepted the Products. Any discrepancy in shipment quantity must be reported within 7 days after receipt of Products. Buyer may not return Products without a Return Material Authorization ("RMA") number. RMA's valid for 30 days from the date issued.

Standard Warranty: Buyer will honor Product warranties and indemnities authorized by the manufacturer, including any transferable. 90 days warranty is given for service parts from receipt date. Seller warrants to Buyer that Products purchased hereunder will conform to the applicable manufacturer's specifications for such products and that any value-added work performed by Seller on such Products will conform to applicable Buyer's specifications. If Seller breaches this warranty, Buyer's remedy is limited to (at Seller's election) (1) refund of Buyer's purchase price for such Product (without interest), (2) repair of such Products, or (3) replacement of such Products provided that such Products must be returned to Seller, along with acceptable evidence of purchase within 13 days from date of delivery, transportation charges prepaid. No warranty will apply if the Product has been subject to misuse, neglect, accident or modification.

Limitation of Liabilities: Buyer shall not be entitled to, and Seller shall not be liable for, loss of profit or revenue, promotional or manufacturing expenses, overheads expenses, business interruption cost, loss of data, removal or reinstallation costs, injury to reputation of buyer, punitive damages, loss of contractor orders or any indirect, special, incidental or consequential damages of any nature. Buyer's recovery from seller for any claim shall not exceed the purchase price paid for the affected products irrespective of the nature of the claim whether in contract, tort, warranty, or otherwise. Buyer will indemnify, defend and hold seller harmless from any claims based on (a) Seller's compliance with buyer's designs, specifications, or instructions, (b) Modification of any products by anyone other than Seller, or (c) use in combination with other products not supplied by seller.

Standard Terms and Conditions

Use of Products: Unless otherwise specified. Products sold by Seller are not designed, intended or authorized for use in life support, life sustaining, nuclear, or other applications in which the failure of such Products could reasonably be expected to result in personal injury, loss of life or catastrophic property damage. If buyer uses or sales the Products for use in any such applications: (1) Buyer acknowledges that such use or sale is at Buyer's sole risk; (2) Buyer agrees that Seller and the manufacturer of the Products are not liable, in whole or in part, for any claim or damage arising from such use; and (3) Buyer agrees to indemnify, defend and hold Seller and the manufacturer of the Products harmless from and against any and all claims, damages, losses, costs, expenses and liabilities arising out of or in connection with such use or sale.

Force Majeure: Seller is not liable for failure to fulfill its obligations for any accepted Order or for delays in delivery due to causes beyond Seller's reasonable control including, but not limited to, acts of God, natural or artificial disaster, riot, war, strike, delay by carrier, shortage of Product, acts or omissions of other parties, acts or omissions of civil or military authority, Government priorities, changes in law, material shortages, fire, strikes, floods, epidemics, quarantine restrictions, acts of terrorism, delays in transportation or inability to obtain labor, materials or products through its regular sources, which shall be considered as an event of force majeure excusing Seller from performance and barring remedies for non-performance. In an event of force majeure condition, the Seller's time for performance shall be extended for a period equal to the time lost as a consequence of the force majeure condition without subjecting Seller to any liability or penalty. Seller may, at its option, cancel the remaining performance, without any liability or penalty, by giving notice of such cancellation to the Buyer.

General: (a) Seller will comply with state law for any dispute from buyer. (b) Buyer may not assign this Agreement without the prior written consent of Seller. Seller or its affiliates may perform the obligations under this Agreement. This Agreement is binding on successor and assigns, (c) Products, including software or other intellectual property, are subject to any applicable rights of third parties, such as patents, copyrights and/or user licenses.

Appendix

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Contact Information

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www.KaishanUSA.com