



SINGLE STAGE TYPE SCREW AIR COMPRESSOR

Parts User Manual

Variable Frequency

45kW/400V/50Hz

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Spare Parts Catalog View:

1. Include in this catalog the drawings of the structure of each part of the compressor. Therefore, it is shown in the catalog that it is provided, giving your company the opportunity to assembled parts and parts for machinery, the name of each part, part number, number of pieces, etc. are described in the drawings.

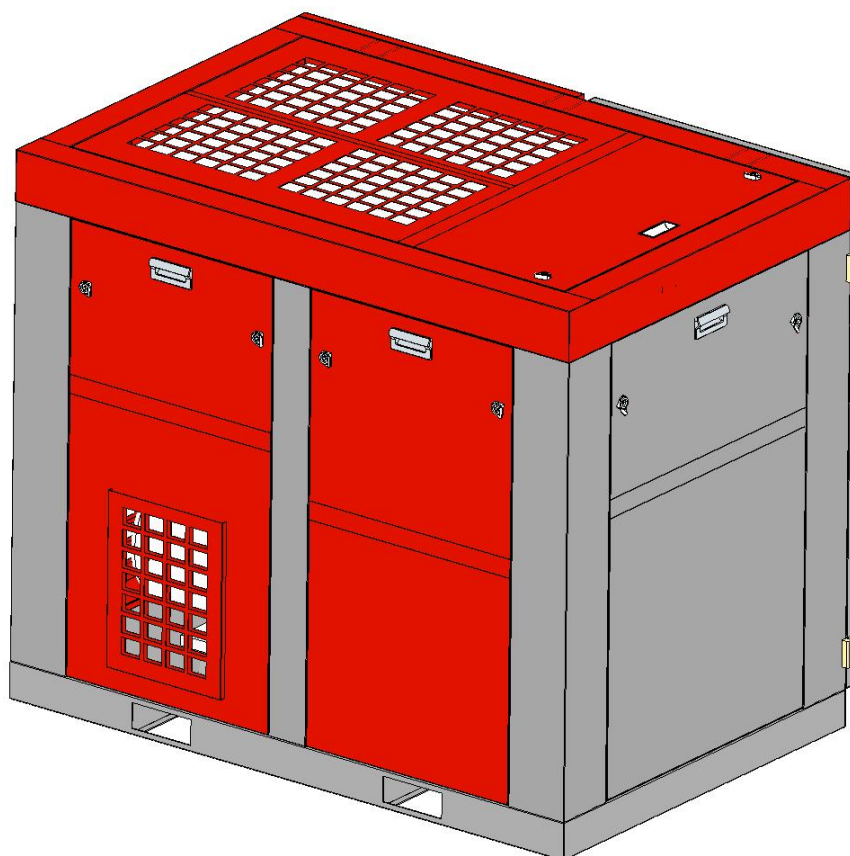
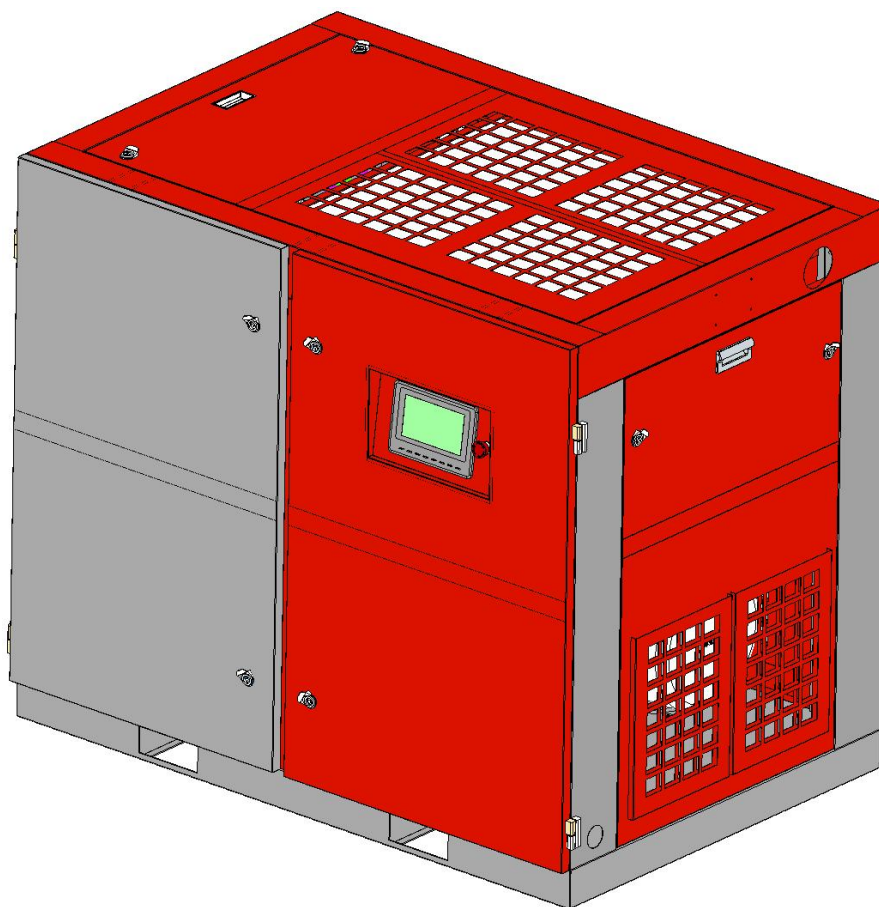
2. - For example - When you want to find the air end of the motor unit of the body

A: According to the catalog, the motor unit of the airframe is on page 7;

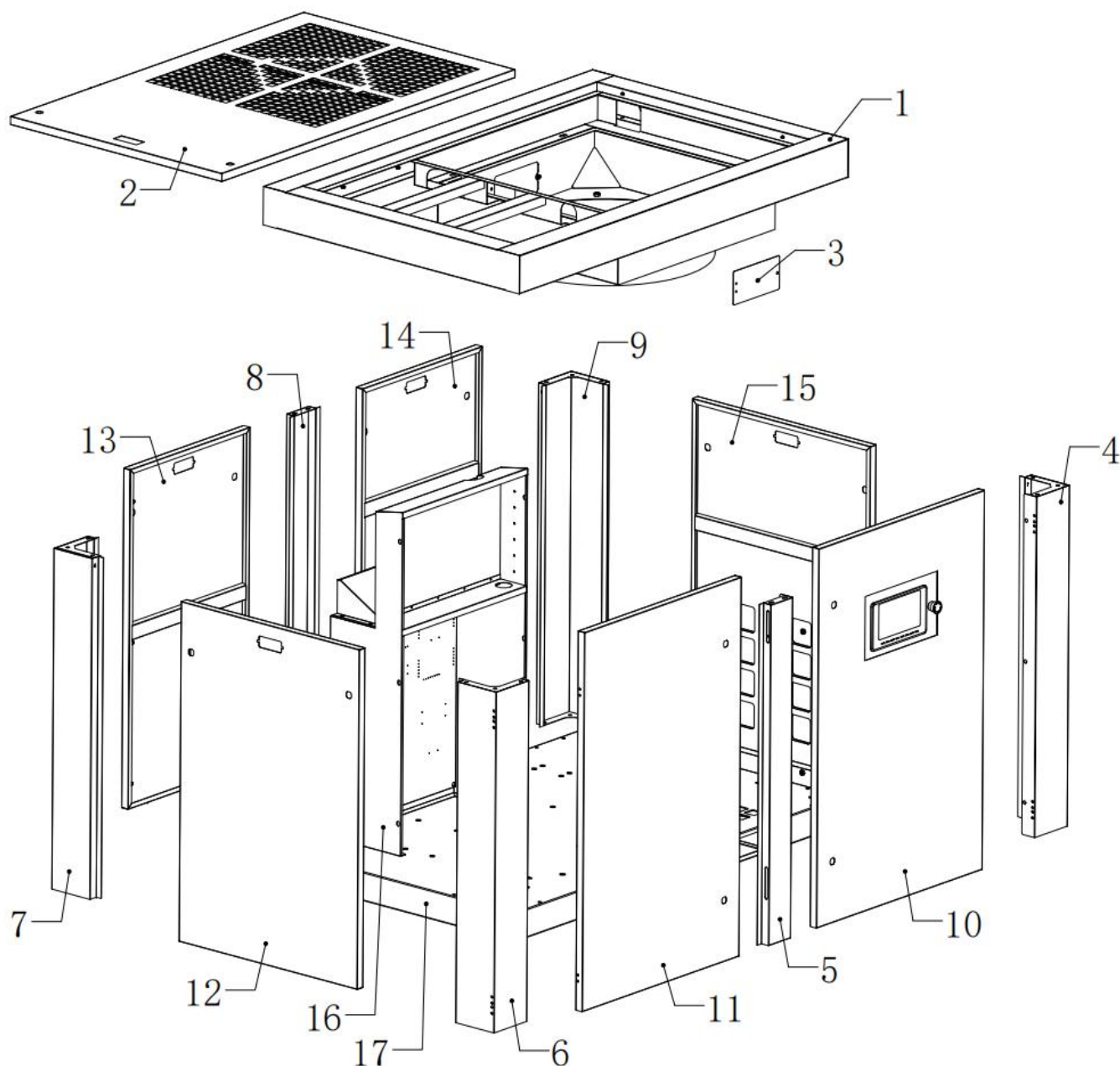
B: Look at the air end in the picture and know that the part number is "12";

C: From the table on page 8, it can be found that the part number of the fan is "0101060110006" and the Serial Number is "7".

1.Overall appearance

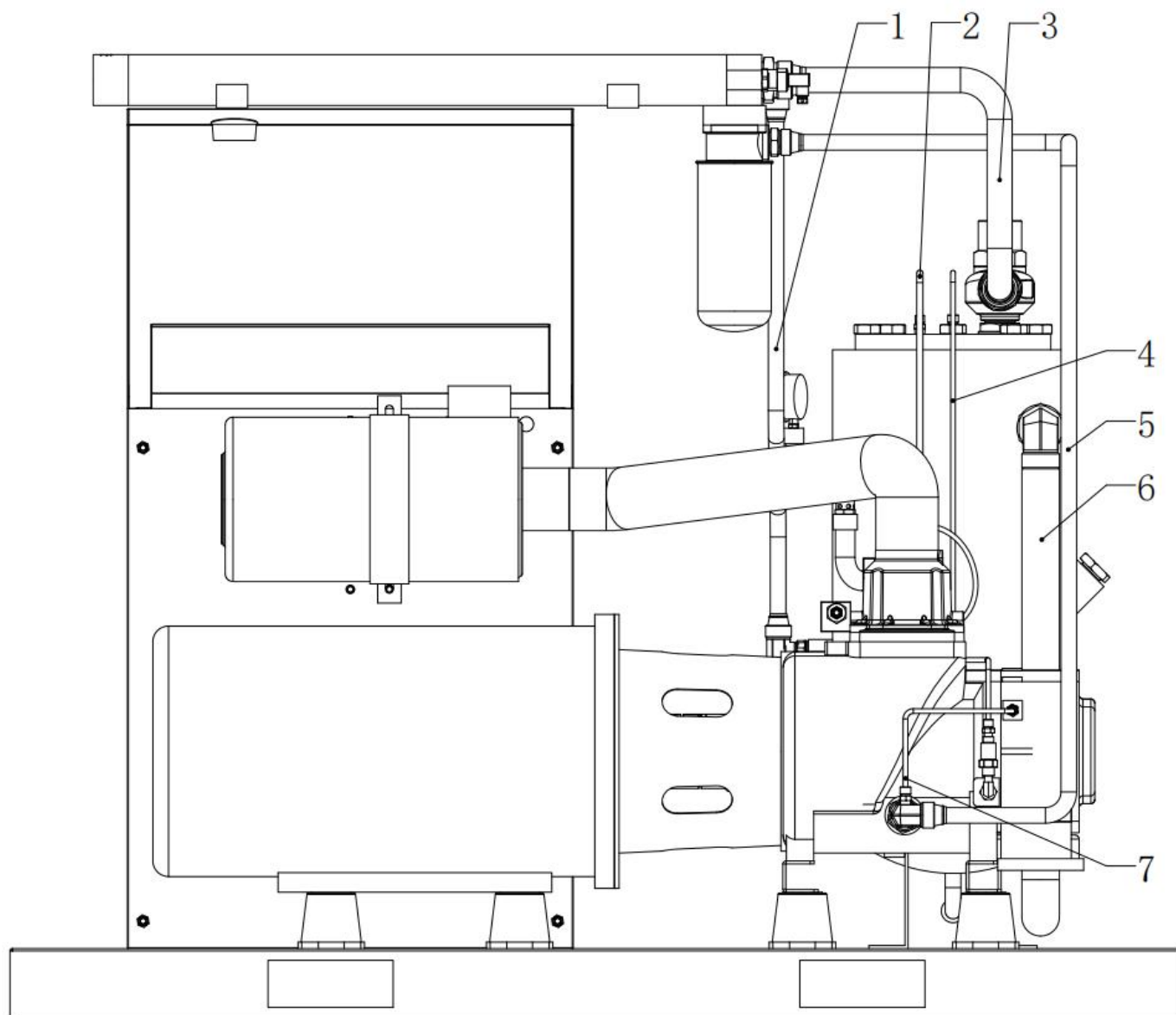


2. Sheet metal assembly



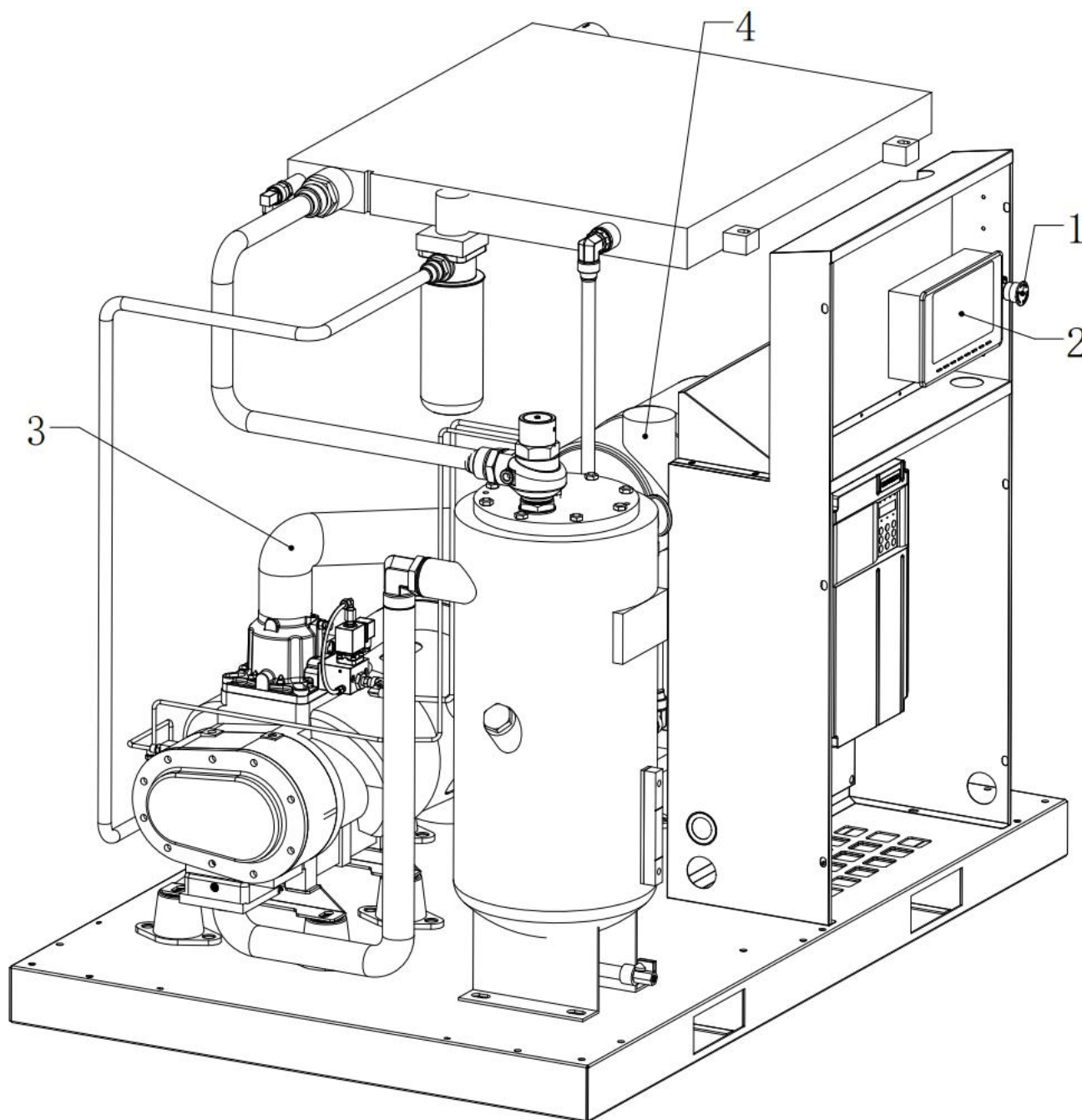
| Item | Part No. | Description | Qty | Item | Part No. | Description | Qty |
|------|--------------------------|-----------------------------|-----|------|--------------------------|-----------------------|-----|
| 1 | SLT-30V13205001-01-01-00 | Top cover | 1 | 10 | SLT-30V13205001-01-03-00 | Controller door panel | 1 |
| 2 | SLT-30V13205001-01-09-00 | Top cover door panel | 1 | 11 | SLT-30V13205001-01-04-00 | Front left door panel | 1 |
| 3 | SLT-30V13205001-01-02-00 | Top cover fan viewing panel | 1 | 12 | SLT-30V13205001-01-07-00 | Left door panel | 1 |
| 4 | SLT-30V13205001-01-10-00 | Column A | 1 | 13 | SLT-30V13205001-01-06-00 | Rear right door panel | 1 |
| 5 | SLT-30V13205001-01-14-00 | Center column E | 1 | 14 | SLT-30V13205001-01-05-00 | Rear left door panel | 1 |
| 6 | SLT-30V13205001-01-11-00 | Column B | 1 | 15 | SLT-30V13205001-01-08-00 | Right side door panel | 1 |
| 7 | SLT-30V13205001-01-12-00 | Column C | 1 | 16 | SLT-30V13205001-03-01-00 | Electric box | 1 |
| 8 | SLT-30V13205001-01-15-00 | Center column F | 1 | 17 | SLT-45V13206001-02-01-00 | Chassis | 1 |
| 9 | SLT-30V13205001-01-13-00 | Pillar D | 1 | | | | |

3. Pipe assembly



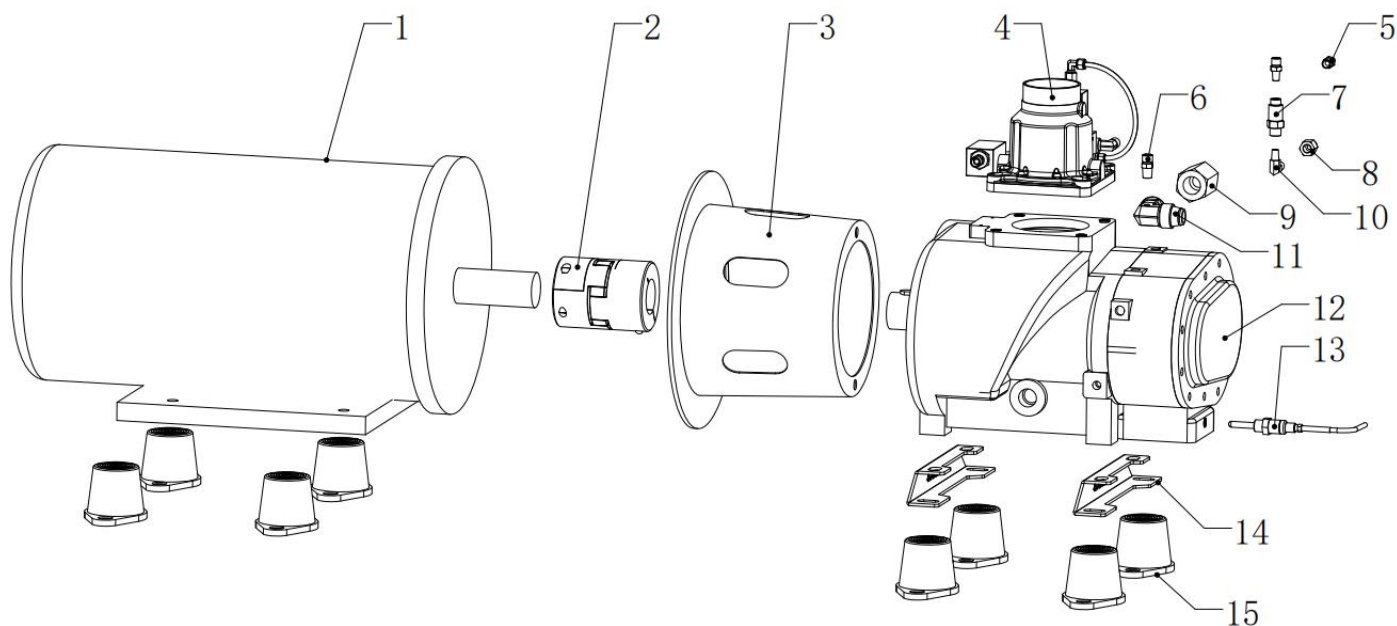
| Item | Part No. | Description | Qty | Item | Part No. | Description | Qty |
|------|-----------------------|---------------------------------|-----|------|-----------------------|-----------------------|-----|
| 1 | SLT-30V13205001-04-02 | Oil and gas tank outlet pipe-20 | 1 | 5 | SLT-45V13206001-04-04 | Main body oil pipe-20 | 1 |
| 2 | SLT-45V13206001-04-06 | Air hole pipe-8 | 1 | 6 | SLT-45V13206001-04-03 | Flange Pipe-48 | 1 |
| 3 | SLT-30V13205001-04-01 | Exhaust pipe-32 | 1 | 7 | SLT-45V13206001-04-08 | Lubrication Tube-6 | 1 |
| 4 | SLT-45V13206001-04-05 | Secondary oil return pipe-6 | 1 | | | | |

4.Other components



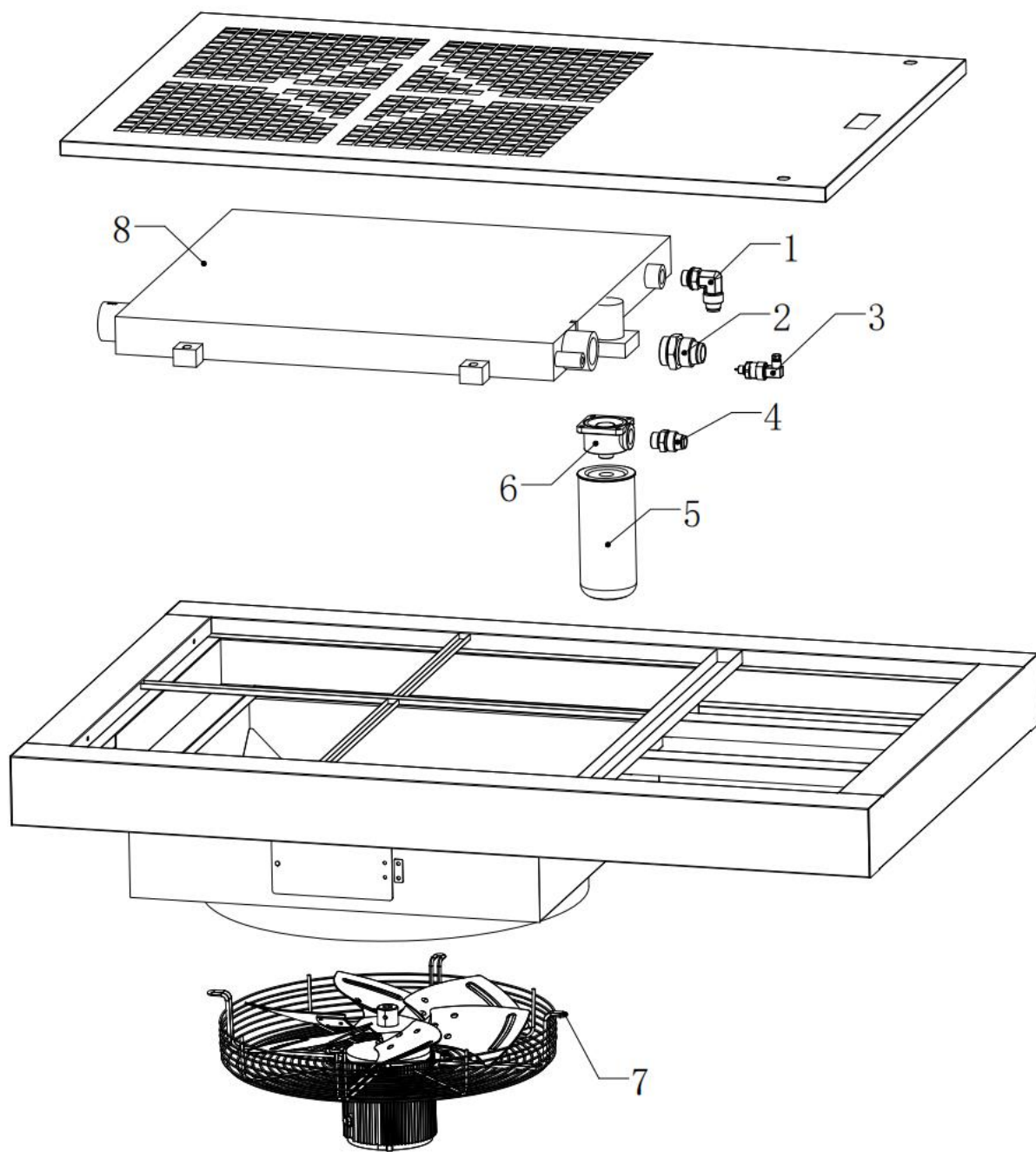
| Item | Part No. | Description | Qty | Item | Part No. | Description | Qty |
|------|---------------|-----------------------|-----|------|---------------|---------------------|-----|
| 1 | 0106060101001 | Emergency stop button | 1 | 4 | 0104010101003 | Air filter assembly | 1 |
| 2 | 0101080103019 | Controller | 1 | 5 | 0104100101003 | Air filter | 1 |
| 3 | 0104080101004 | Air filter hose | 1 | | | | |

5.The motor assembly of the body



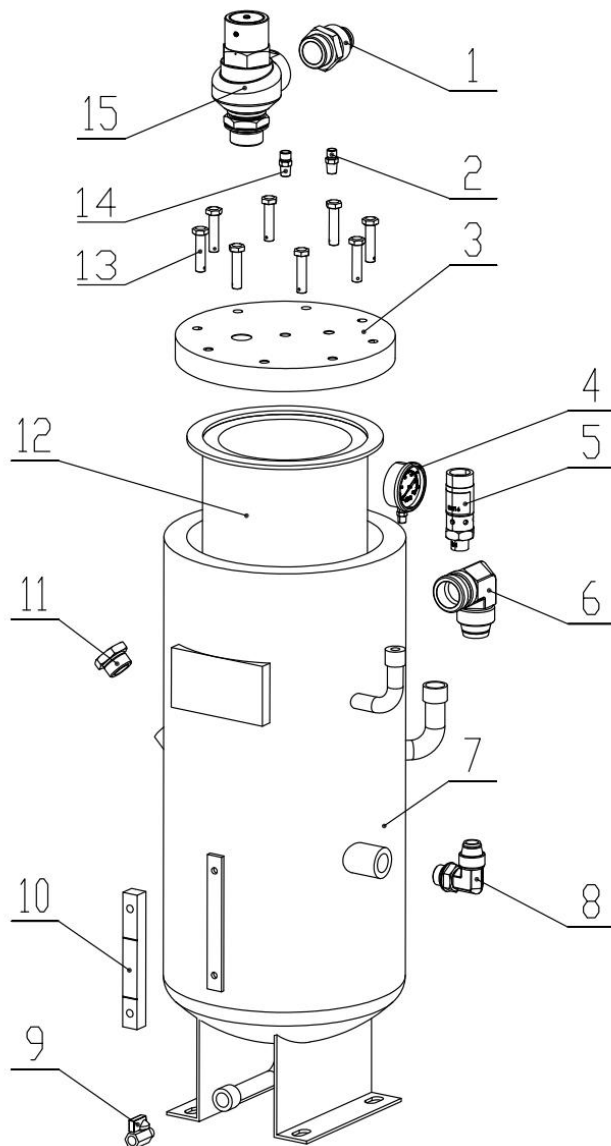
| Item | Part No. | Description | Qty | Item | Part No. | Description | Qty |
|------|---------------|--|-----|------|--------------------|---------------------------------|-----|
| 1 | 0101020206035 | Variable Frequency Motor | 1 | 9 | 0107030103002 | Reducing Sleeve Fitting | 1 |
| 2 | 0102010104009 | Coupling | 1 | 10 | 0107020103006 | Reducing Tube Fitting | 1 |
| 3 | 0102040101026 | Center bracket | 1 | 11 | 0107030102006 | Right Angle Pipe Sleeve Fitting | 1 |
| 4 | 0103010101005 | Inlet Valve | 1 | 12 | 0101010201055 | Mainframe | 1 |
| 5 | 0107020101001 | Straight Tube Fitting | 2 | 13 | 0105020102002 | Temperature Sensor | 1 |
| 6 | 0107020101004 | Straight Tube Fitting | 1 | 14 | SLT-45V13206001-02 | Mainframe Bracket | 2 |
| 7 | 0103060101005 | Check valve | 1 | 15 | 0109010101008 | Shock absorber | 8 |
| 8 | | Internal and external teeth limit flow | 1 | | | | |

6. Cooler assembly



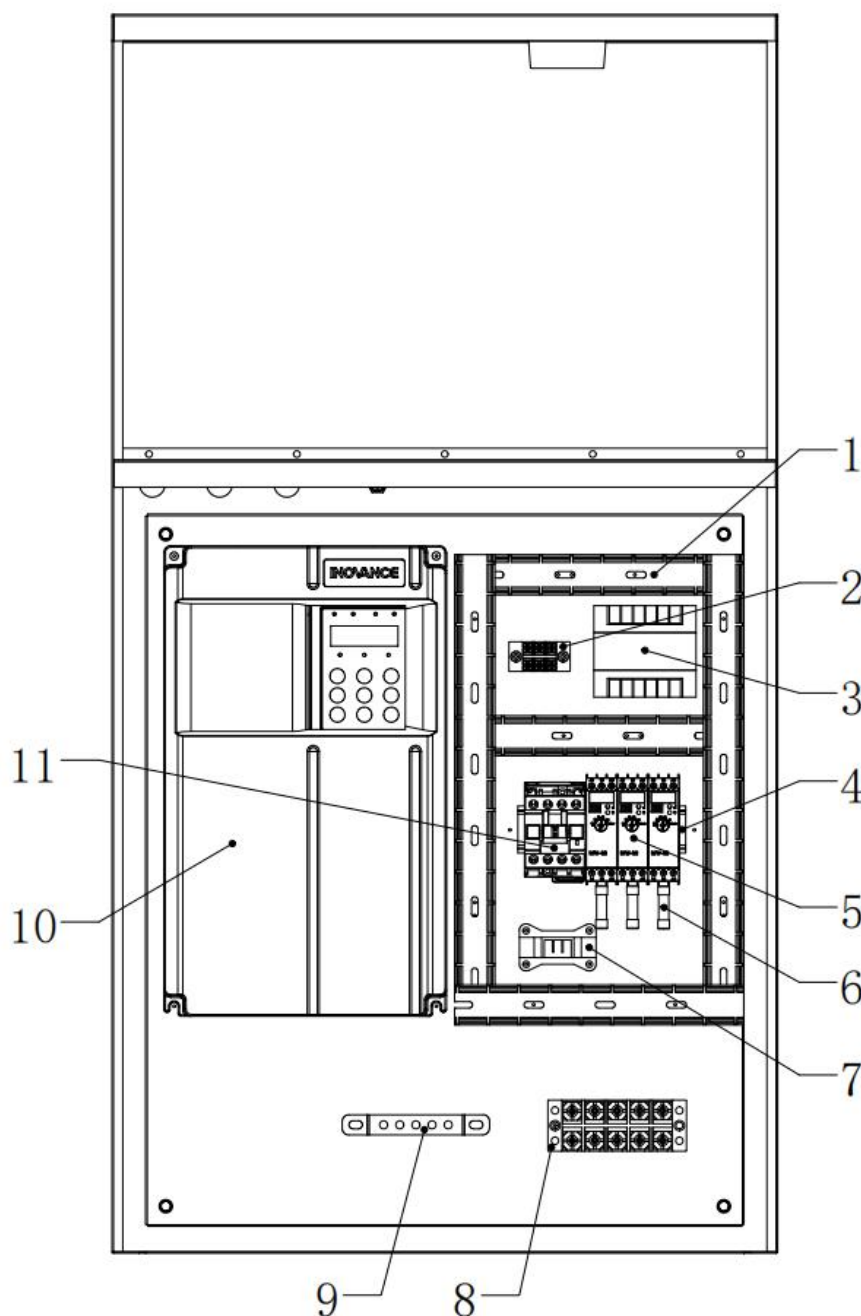
| Item | Part No. | Description | Qty | Item | Part No. | Description | Qty |
|------|---------------|---------------------------------|-----|------|---------------|--------------------|-----|
| 1 | 0107030102004 | Right Angle Pipe Sleeve Fitting | 1 | 5 | 0104020101010 | Oil Filter | 1 |
| 2 | 0107030101001 | Straight Sleeve Fitting | 1 | 6 | 0103030101004 | Oil filter holder | 1 |
| 3 | 0105030102002 | Pressure sensor | 1 | 7 | 0101060110006 | External rotor fan | 1 |
| 4 | 0107030101003 | Straight Sleeve Fitting | 1 | 8 | 0101050101006 | Radiator | 1 |

7.Oil separation barrel assembly



| Item | Part No. | Description | Qty | Item | Part No. | Description | Qty |
|------|---------------|---------------------------|-----|------|---------------|------------------------|-----|
| 1 | 0107030101007 | Straight Tube Fittings | 1 | 9 | 0103070101002 | Ball Valve | 1 |
| 2 | 0107020101003 | Straight Tube Fittings | 1 | 10 | 0105040101003 | Oil mirror | 1 |
| 3 | | Oil and gas drum cover | 1 | 11 | | Silk plug | 1 |
| 4 | 0105010102004 | Pressure gauges | 1 | 12 | 0104030101011 | Oil separator core | 1 |
| 5 | 0103050105010 | Safety valves | 1 | 13 | | Hexagonal bolt | 8 |
| 6 | 0107030102013 | Right angle tube fitting | 1 | 14 | 0107020101004 | Straight Tube Fittings | 1 |
| 7 | 0101030401003 | Oil and gas tank | 1 | 15 | 0103020101003 | Minimum pressure valve | 1 |
| 8 | 0107030102004 | Right angle pipe fittings | 1 | | | | |

8. Electrical Components



| Item | Part No. | Description | Qty | Item | Part No. | Description | Qty |
|------|---------------|---------------------------|-----|------|---------------|---------------------------|-----|
| 1 | | Wireway | 5 | 7 | | Instrument transformer | 1 |
| 2 | 0106040101019 | Main Inlet Terminal Block | 1 | 8 | 0106040101007 | Main Inlet Terminal Block | 1 |
| 3 | 0106020105001 | Transformer | 1 | 9 | | Ground Copper Bar | 1 |
| 4 | 0106090102001 | Guide rails | 1 | 10 | 0101070101009 | Inverter | 1 |
| 5 | 0106080105001 | Fuse holder | 3 | 11 | 0106030101018 | Contactor | 1 |
| 6 | 0106080104001 | Fuse body | 3 | | | | |

NOTICE

This spare parts list is made according to the current configuration, SLT keeps the right to change the parts without prior notice, please be aware.

In order to make sure the correct parts for your compressor, please send us the compressor serial no. to provide you with the correct parts.

**SHANGHAI SOLLANT ENERGY SAVING
TECHNOLOGY CO., LTD.**