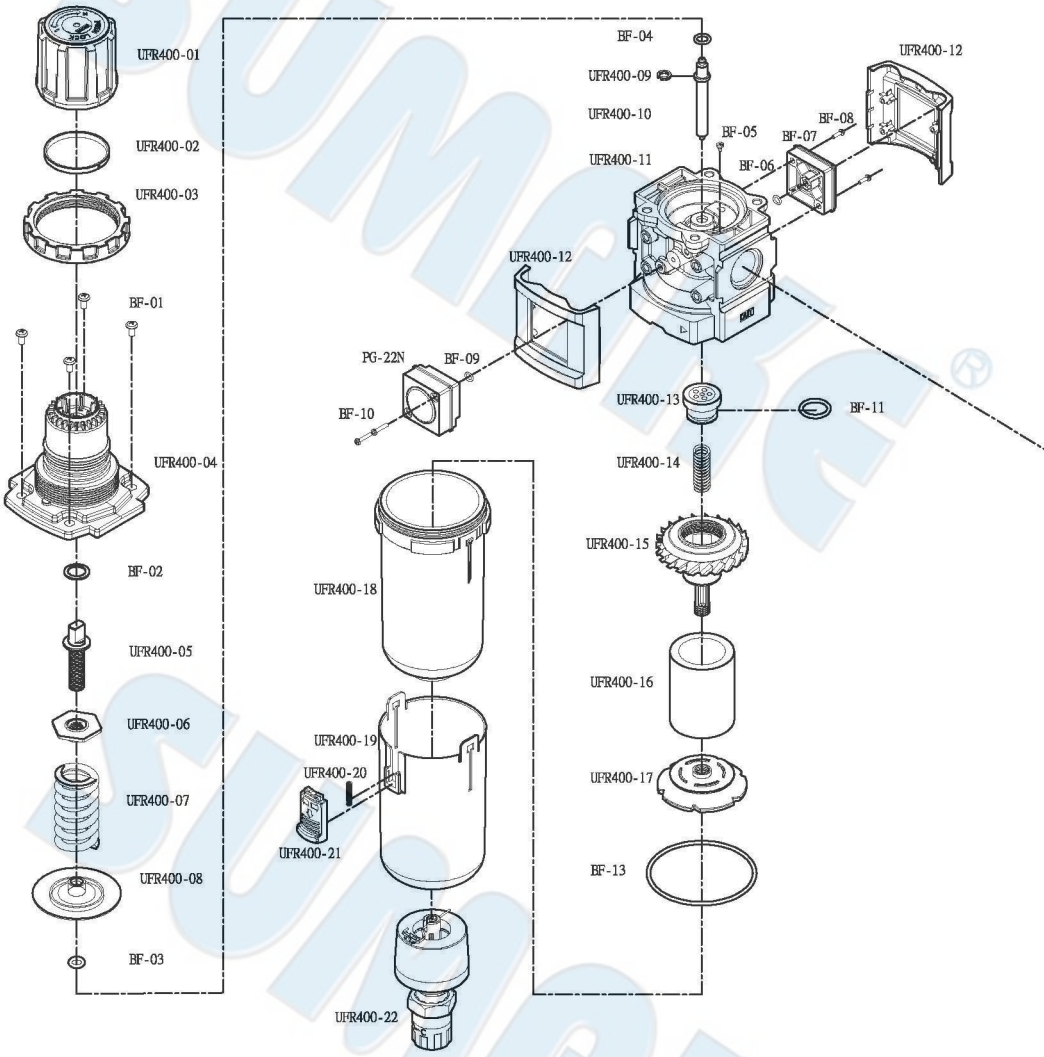
SA-CU3022(32)(42)-A 1/4”(3/8”)(1/2”) Air Control Unit



F.R.L PARTS LIST

Index No:	Part No:	Description	Price	Index No:	Part No:	Description	Price	Index No:	Part No:	Description	Price
1	UFR400-01	Pressure Governor		14	UFR400-10	Spool		27	UFR400-15	Spiral Baffle	
2	UFR400-02	Identification Color Ring		15	UFR400-11	Regulator Body		28	UFR400-16	Filter Element	
3	UFR400-03	Anchor Ring		16	UFR400-12	Pressure Gauge cover		29	UFR400-17	Umbrella Baffle	
4	BF-01	Screw		17	BF-05	Exhaust pipe		30	BF-13	O-Ring	
5	UFR400-04	Governor Socket		18	BF-06	O-Ring		31	UFR400-18	Plastic Bowl	
6	BF-02	O-Ring		19	BF-07	Pressure gauge cover plate		32	UFR400-19	Bowl Guard	
7	UFR400-05	Governor Spindle		20	BF-08	Screw		33	UFR400-20	Spring	
8	UFR400-06	Regulating Nut		21	BF-09	O-Ring		34	UFR400-21	Push Button Key	
9	UFR400-07	Spring		22	PG-22N	Pressure gauge		35	UFR400-22	AD 55 Auto Drain (-F1)	
10	UFR400-08	Exhaust Nozzle		23	BF-10	Screw					
11	BF-03	O-Ring		24	UFR400-13	Pressure plug ring					
12	BF-04	O-Ring		25	BF-11	O-Ring					
13	UFR400-09	O-Ring		26	UFR400-14	Pressure plug spring					

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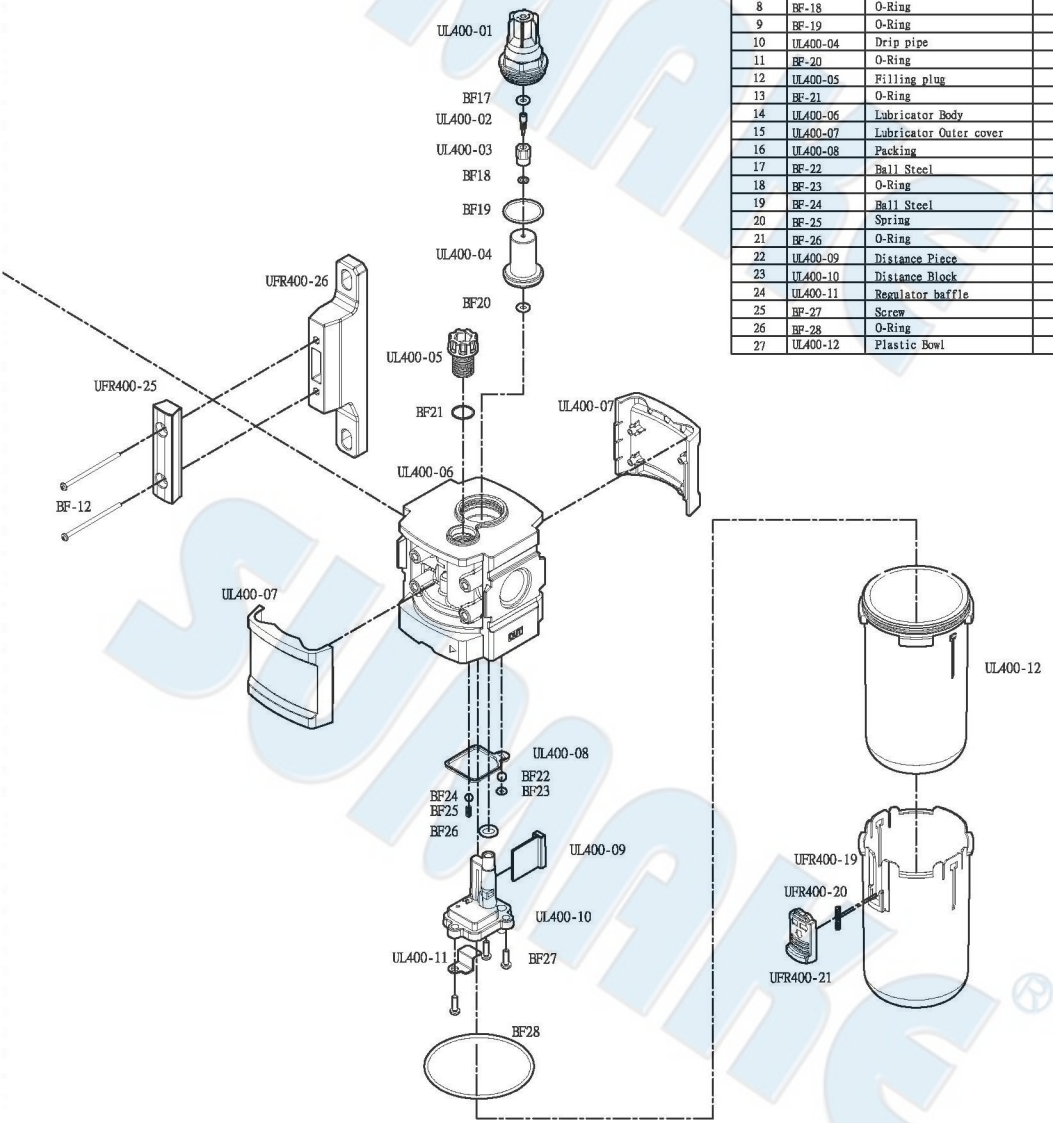
NO.2025-A

FR.L PARTS LIST

Index No:	Part No:	Description	Price
1	UFR400-25	Fixed block	
2	UFR400-26	Fixed seat	
3	BF-12	Screw	
4	UL400-01	Visi-Dome	
5	BF-17	O-Ring	
6	UL400-02	Screw	
7	UL400-03	Base	
8	BF-18	O-Ring	
9	BF-19	O-Ring	
10	UL400-04	Drip pipe	
11	BF-20	O-Ring	
12	UL400-05	Filling plug	
13	BF-21	O-Ring	
14	UL400-06	Lubricator Body	
15	UL400-07	Lubricator Outer cover	
16	UL400-08	Packing	
17	BF-22	Ball Steel	
18	BF-23	O-Ring	
19	BF-24	Ball Steel	
20	BF-25	Spring	
21	BF-26	O-Ring	
22	UL400-09	Distance Piece	
23	UL400-10	Distance Block	
24	UL400-11	Regulator baffle	
25	BF-27	Screw	
26	BF-28	O-Ring	
27	UL400-12	Plastic Bowl	



Application:
Air filter: Filter impurities and moisture.
Air regulator: Controlled within appropriate pressure.
Air lubricator: Mixing lubricating oil into compressed air, Lubricating oil can lubricate components in the air pressure system, to increase component function and extend service life.
Applicable industries: food, medical, mechanical processing.

Operation Method:

1. The assembly of all calibration shall meet the maximum flow requirement. You can adjust air flow by switch which indicated by several scales. The more air flow, the bigger torque output will be.
2. Maximum pressure of 15kgf/cm2.
3. Direction -air flow in the triangle " ▷ " on tile primary unit.
4. Air filter drain method
   (1) Manual drain device: Clockwise (left turn) is drain, Counterclockwise (turn right) is lock.
   (2) Differential pressure drain device: Pressure difference must above on 0.1Mpa(1.0kgf/cm²).
   (3) Automatic float type drain device: Pressure must above on 0.15Mpa(1.5kgf/cm²), When the water level exceeds the float will automatically drain, The valve automatically closed after the drain is completed.
5. Site -as close to the unit to be protected as possible.
6. Place "free of direct sun shine, hot area, and hazardous chemicals.
7. To avoid causing danger, cannot remove PC cup during using, PC cup push bottom must lock on location point that can use.
8. PC cup is suitable for cotton paper wipe or warm water plus household neutral detergent to wash, to avoid using chemicals causing product damage.
9. Please check air is off before maintenance and repair, to avoid injured when disassembling and product damage.

Common Troubleshooting:

Event	Appearance	Possible Cause	Solution
Lubricator not operating	Oil in cup not reducing	Adjusting ring not in appropriate location	Adjust adjusting ring to appropriate location
		The viscosity of the oil is too high	Using appropriate oil
	Oil in cup reduce too fast	Adjusting ring not in appropriate location	Adjust adjusting ring to appropriate location
	Oil does not reach the unit	Lubricator installation location is too low	Lubricator installed at a higher position than the machine
Air filter not operating	Insufficient flow not enough	Air pressure source is not open	Intake end to air pressure line dismantled tube or not or the air source valve is not open
		Too much oil stain in the filter cause clog	Remove the filter and surface cleaned with soap, if can't improve then need to change filter
	Filtering incomplete	Check the filter	Remove the filter and surface cleaned with soap, if can't improve then need to change filter
	Unable to drain manually	The drain hole under the PC cup is blocked	When no pressure state inside the cup, using 1~2kgf/cm2 blow gun to clean cup interior and remove the pc cup to wash and put it back.
		Drainage device brake	Rotate the drainer to an airtight state, if it is impossible to lock the leak, then need disassembly and repair
	No pressure drainage	Air pressure source close or not	Keep the pressure in the cup at 1~2kgf/cm2 then unscrew the drainage to drain
	Unable to drain automatically	Check air source and float	Remove the PC cup and shake up and down two or three times to make the internal positioning pin return to appropriate location
Air regulator	Air flow unstable	Piping of pressure from regular is too thin	Increase piping size or change different spec. Machine
		Piping of pressure from compressor is too thin Or blocked by dust	Increase piping or hole of connector and Remove dust
		The pressure source is too small	Increase pressure source
	Decompression insensitive	Pressure packing damage (usually there is a lot of air leakage from the exhaust vent)	Disassembly and repair
	Flow is not smooth for pressure from regular	Valve seat has foreign material or valve o-ring breakage (usually there is a lot of air leakage from the exhaust vent)	Disassembly and repair
	Pressure reducing valve can't open	Spring breakage	Disassembly and repair
	Always leaking can't adjust	Improper installation of the intake direction	Replace the installation of intake direction