



# Oilfree

100% oil-free design

## F-TYPE (II)

Oil-free, Air-Cooled Piston Air Compressor

### Wide-ranging application

- Food-processing
- Pharmaceutical
- Petrochemical
- Electronics manufacturing
- Biochemical
- Precision painting

#### New Design

No oil in crankcase prevents oil from entering compressed chamber which generates 100% oil-free compressed air for wide-ranging application.



No oil in crankcase



Oil in Crankcase

# F-TYPE ( II ) Oil-free , Air-Cooled Piston Air Compressor

## Feature

- Dry crankcase, 100% oil free
- Dry compression chamber is always not enough!
- FUSHENG total oil free compressor is presented by utilizing dry crankcase design.
- Absolutely no risk of oil residue carried to compression chamber.

## Cooling system

- High efficient cooling fan transmits great amount of heat
- Better performance results from multi stages compression.
- Compact streamline air passages on the cylinder and head enhance cooling effect.
- 2-stage compression for 7.5HP and above model distributes power consumption and less heat accordingly.
- The copper tube between stages is fitted with cooling fins to reduce operating temperature effectively.

## Low rotational speed. long service life

- Industrial design of compressor ring reduces leakage and results in lower speed and longer life.
- Leaf valve with advantages of smaller clearance volume, better sealing effect and lower pressure drop drastically reduces leakage and expansion of the compressor and results in lower speed and longer life.

## 100% oil free, 100% duty cycle Oil free compressed air for high quality demand



- Piston: casting with compact ingredient. Precise machining followed by grinding. Surface coating with self-lubricated material.
- Ventilation of crankcase: crankcase fitted with ventilation system on both sides enormously reduces operating temperature to increase bearing service life.



Compression ring and guide ring : High precision machining along with self-lubricated material which resists wear and high temperature. Stainless and elastic structure enhances sealing effect and durability.



Bearing : High precision grease-lubricated bearing. High temperature-resistant grease ensures long service long service life and constant operation.



Intake valve: corrosion free leaf valve made by stainless steel coated with high temperature-resistant material effectively reduces noise and improves service life. 100% duty cycle is assured .



Connecting rod: made by die-casting aluminum alloy is highly rust-resistant with great strength. CNC precise machining process ensures compressor stable operation.

## F-Type(II) Technial Data

Model	Motor		Cylinder			Comp R.P.M	Piston Disp		Air Delivery		Air receiver capacity		Dimensions mm	Weight (Kg)
	HP	KW	Bore (mm)	No.	Stroke (mm)		L/min	CFM	7Kg/cm <sup>2</sup> G L/min	Liter				
FVA-30 (II)	3	2.2	100	2	70	400	440	15.54	220	114	1340x520x975	205		
FVA-50 (II)	5	3.7	100	2	70	700	769	27.16	420	170	1358x550x1000	222		
FVA-75 (II)	7.5	5.5	LP Ø100 x 2 HP Ø 71 x 1	3	75	740	871	30.76	650	240	1555x620x1300	410		
FVA-100 (II)	10	7.5	LP Ø115 x 2 HP Ø 95 x 1	3	90	580	1084	38.28	850	260	1680x600x1350	485		
FTA-150 (II)	15	11	LP Ø130 x 2 HP Ø115 x 1	3	90	660	1576	55.66	1250	260	1680x600x1350	530		



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