



30 - 220 KW

**FSL FSLV Series
Low Pressure Screw Air Compressor**



firstAIR

Compressors! No compromises.

FSL-FSLV 30 - 220 KW

The FSL-FSLV product range includes air & water cooled, single stage, silenced and packaged screw compressors in the power range of 30 - 220kW. These compressors are designed for 24x7 continuous duty industrial application. All models are driven by highly efficient IE3 electric motors.

BENEFITS OF LOW PRESSURE COMPRESSOR

Compared with traditional compressor, low pressure compressor delivers directly low pressure compressed air at discharge and avoids energy loss of over compression, which ensures high returns on investment.

The entire system runs under low pressure condition with which compressor heat load reduces & ensure more stable operation of compressor with longer service life.



Screw air-end designed specifically for low pressure condition. It delivers low pressure compressed air with less energy consumption.



ENLARGED OIL SEPARATOR DESIGN

The bigger oil separator element greatly increases the filtration area and makes sure that oil content in discharge of compressed air is the least.

ELECTRIC MOTOR

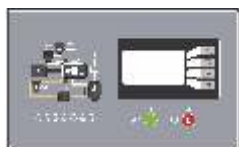
The driving motor confirms to energy efficiency class IE3, protection class IP55 & insulation class F, which is the most suited for continuous duty industrial application with highest efficiency.



LOW PRESSURE MINIMUM PRESSURE VALVE

Specially designed for low pressure compressor, which is having following benefits:

1. It builds up the circulating pressure at starting of compressor & makes sure that air-end is lubricated.
2. It acts as a check valve to avoid back flow of outside pressure.



EASY-TO-OPERATE CONTROL PANEL

Control panel shows the operating parameters & working status like discharge pressure, discharge temperature, motor voltage, motor current, etc. & provides protection to various components of compressor.

TECHNICAL DATA - 3.5/4/4.5 BAR COMPRESSOR

Machine Model	Free Air Delivery (CFM) at 3.5/4/4.5 Bar Working Pressure	Power (Kw)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Starting Method	Cooling Type	Motor
FSL30A-4.5	212	30	1850	1050	1200	1200	Star-Delta	Air cooled	400V, 50 Hz IE3 Efficiency, IP55 Protection, F Class Insulation
FSL37A-4.5	283	37	1850	1050	1200	1250			
FSL55A-4.5	424	55	2200	1200	1650	2200			
FSL75A-4.5	530	75	2350	1400	1910	3000			
FSL90A-4.5	777	90	2800	1400	1910	3200			
FSL110A-4.5	918	110	3200	1400	1910	4100			
FSL132A-4.5	1130	132	4000	2300	2100	6000			
FSL160A-4.5	1271	160	4000	2300	2100	6100			
FSL185A-4.5	1589	185	4000	2300	2100	6200			
FSL220A-4.5	1794	220	4200	2300	2100	6500			
FSLV30A-4.5	85-212	30	1850	1050	1200	1250	VFD		
FSLV37A-4.5	113-283	37	1850	1050	1200	1300			
FSLV55A-4.5	170-424	55	2200	1200	1650	2300			
FSLV75-4.5	212-530	75	2350	1400	1910	3100			
FSLV90A-4.5	311-777	90	2800	1400	1910	3300			
FSLV110A-4.5	367-918	110	3200	1400	1910	4200			
FSLV132A-4.5	452-1130	132	4000	2300	2100	6100			
FSLV160A-4.5	509-1271	160	4000	2300	2100	6200			
FSLV185A-4.5	636-1589	185	4000	2300	2100	6300			
FSLV220A-4.5	717-1794	220	4200	2300	2100	6600			

The data & performance were recorded in accordance with latest edition of ISO 1217 standard.

The sound level was measured in accordance with PNEUROP/CAGI standard.

Water cooled options available, details on request.

2-stage & PM motor type options available, details on request.

Due to continuous engineering improvements, above features are subject to change without prior notice.

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Email: info@firstair.in

www.india.firstaircompressor.com

FS Compressors India Pvt. Ltd.
Plot No. S-3, Phase-II, Chakan MIDC,
Village Sawardari, Khed, Pune 410501
Maharashtra



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INDUSTRIAL TOOLING TECHNIQUES



Khasra No.-35/3, Mujei,
Sector-70, IMT,
Faridabad-121004, Haryana



Phone:
+91 8527578367
+91 9830649444



Email:
sales@ittindia.co.in
service@ittindia.co.in



Website:
www.ittindia.co.in

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