

ELGi
Always Better.

EG PM VFD SERIES

The Energy Efficient Compressor

The Technology Edge
To Power Your Business

11-45 kW



WHY ELGI PMSM VFD MACHINES?

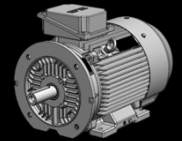
ENERGY EFFICIENT

- > Save Upto 50% in power cost when compared with a fixed speed machines



PMSM

- > Best in the Industry, **IE5+** efficiency
- > **IES2** combined efficiency for Motor + VFD



AIR-ENDS AND DRIVE TRAIN

- > Optimized air-ends that provide maximum efficiency across the flow range
- > Direct driven drivetrain that maximizes savings



INTELLIGENT THERMAL VALVE

- > Optimized lubrication circulation for superior performance of the system at varying temperatures and loads



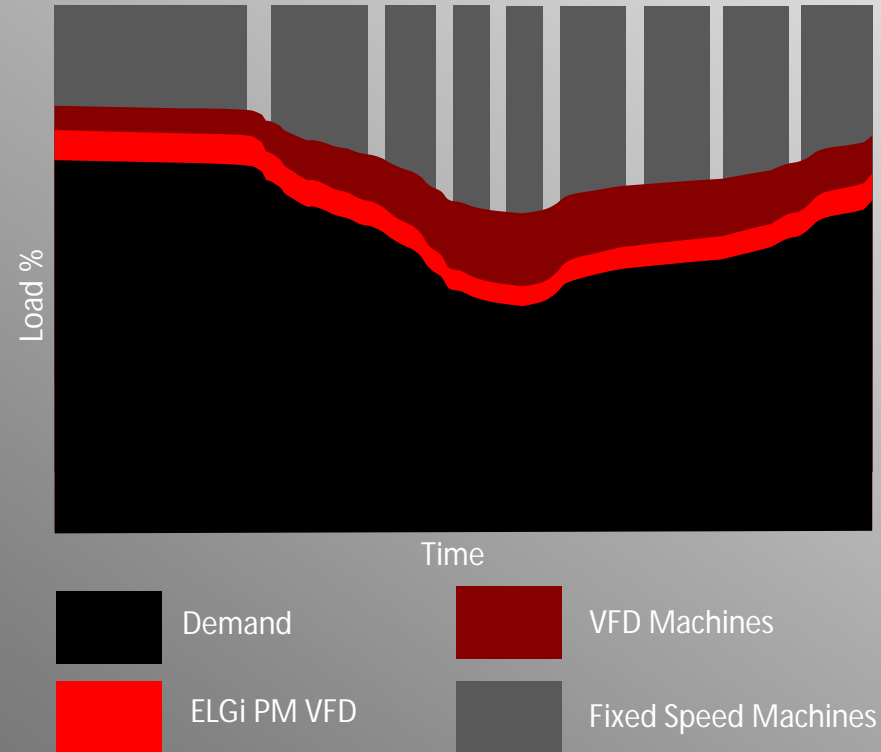
ELGI PMSM ADVANTAGE

Up to 50% savings*



Superior Performance

The robust EG machine upgraded with state of the art components offers superior performance with the same reliability



Energy Efficient

ELGi's IE5+ PMSM motors not only focus on maximizing savings at 100% but also across the flow range, this combined with the optimized airend and the intelligent thermal valve leads better than other VFD machines and also offers **savings of up to 50%** when compared with fixed speed machine

Greener Machine

The machine not only reduces the burden on your purse but also saves the environment in the process by reducing the carbon footprint

At varying load vs fixed speed compressors in the market

SPECIFICATIONS

Model	Motor Power (kW)	Working Pressure (bar g.)	Free air Delivery (FAD)	Weight (kg)	Noise (dB(A))	Dimensions LxBxH (mm)
EG 11PM	11	7.0	17 ~ 74	582	69	1356x721x1370
		8.0	14 ~ 65			
		9.5	12 ~ 65			
		12.5	12 ~ 48			
EG 15PM	15	7.0	17 ~ 92	582	69	1356x721x1370
		8.0	14 ~ 84			
		9.5	12 ~ 77			
		12.5	12 ~ 64			
EG 18PM	18	7.0	30 ~ 132	670	69	1500x821x1370
		8.0	27 ~ 113			
		9.5	26 ~ 98			
		12.5	18 ~ 84			
EG 22PM	22	7.0	30 ~ 142	670	69	1500x821x1370
		8.0	27 ~ 135			
		9.5	26 ~ 121			
		12.5	18 ~ 99			
EG 30PM	30	7.0	30 ~ 195	1089	69	1705x1111x1570
		8.0	27 ~ 180			
		9.5	26 ~ 161			
		12.5	18 ~ 131			
EG 30xPM	30	7.0	61 ~ 219	1161	69	1705x1111x1570
		8.0	61 ~ 189			
		9.5	58 ~ 182			
		12.5	59 ~ 148			
EG 37PM	37	7.0	61 ~ 276	1161	69	1705x1111x1570
		8.0	61 ~ 236			
		9.5	58 ~ 217			
		12.5	59 ~ 187			
EG 45PM	45	7.0	61 ~ 306	1161	69	1705x1111x1570
		8.0	61 ~ 287			
		9.5	58 ~ 264			
		12.5	59 ~ 222			