

DOUBLE SCREW COMPRESSOR

No. 1 Efficiency Compressor
Energy Saving 20-40%
Inverter + PM Motor



Double Screw Compressor Specification

Model		EAV 30AD	EAV 37AD	EAV 45AD	EAV 55AD	EAV 75AD	EAV 132 AD	EAV 185 AD	
Compressor	Air Delivery (m ³ /min)	4.5Kgf/cm ²	2.1~8.7	2.6~10.3	3.3~13.1	3.9~15.7	5.1~20.5	9.6~38.3	12.5~50.0
		5.5Kgf/cm ²	1.9~7.7	2.4~9.5	2.9~11.5	3.6~14.3	4.8~19.1	8.8~35.1	11.5~46.0
		6.5Kgf/cm ²	1.8~7.0	2.2~8.7	2.4~10.5	3.3~13.1	4.4~17.4	7.8~32.5	11.0~44.0
		7.5Kgf/cm ²	1.6~6.8	1.9~7.5	2.3~10.0	3.3~13.1	4.2~16.7	7.2~30.0	10.7~42.0
		8.5Kgf/cm ²	1.5~6.2	1.8~7.4	2.2~8.6	3.1~12.2	3.9~15.6	6.9~28.0	10.3~40.0
		10.5Kgf/cm ²	1.2~4.7	1.5~6.0	1.9~7.5	2.5~10.1	3.3~13.3	6.1~24.1	8.8~35.5
		12.5Kgf/cm ²	1.1~4.3	1.4~5.6	1.6~6.4	2.2~8.8	3.0~11.9	5.4~21.3	7.5~32.4
		Outlet Pipe Diameter (inch)	2 1 1/2	2 2	DN65 2 2	DN65 2	DN80 DN65	DN125 DN80	DN150 DN125
	Lubricant Requirement (L)	50 24	50 50	70 50 50	70 50	100 70	150 120	180 150	
	Outlet Temperature (°C)	Ambient Temperature+15°C							
Transmission Method	Direct Drive								
Ventilation method	25-100% Automatical Control, Constant Pressure Output								
Oil Content (ppm)	≤ 3								
Concuss (mm/s)	≤ 7								
Design Max Working Ambient Temperature (°C)	52°C°								
Electric Motor	Power (kW)	30	37	45	55	75	132	185	
	Starting Method	Variable Frequency Starting							
	Voltage	380V							
	Protection Level	IP54							
Cooler	Cooling Type	Air-Cooling or Water Cooling							
	Control Method	Variable Frequency Constant Temperature Control							
	Fan Power (KW)	1.3/0.75	1.3/1.3	2.2/1.3/1.3	2.2/1.3	1.3x2/2.2	4/1.5 x 2	7.5/5.5	
Cooling Air Volume (m ³ /min)/Cooling Water (t/h)		140	160	180	250/9.5	280/12.8	410/22.8	740/31.8	
Safety Indicating Device Starting Method		Safety Valve / Exhaust High Temperature Protection / Exhaust High Pressure Protection / Over Current Protection / Less Phase Protection / Reversed Phase Protection/380V							
Maintenance Tips		Air Filter / Oil Filter / Oil-Gas Separator / Lubricated Oil							
Microcomputer Control		Digital Temperature / Pressure Display Controller / Fully Automatic Operation / Stop Control Multi-Machine Interconnection Controller (Optional) / Central Monitoring Extension Function (Optional)							
Noise (db)		68	68	68	70	70	73	78	
Weight (Kg)		1300 1000	1600 1400	2300 2000 1600	2300	2600 2400	4500 4200	6000 5600	
External Dimension	Length (mm)	1650 1500	1800 1650	2100 2100 1650	2100	2400 2400	2980 2980	3500 3300	
	Width (mm)	1100 900	1200 1100	1400 1400 1100	1400	1700 1400	1950 1950	2300 2000	
	Height (mm)	1400 1280	1400 1400	1700 1700 1400	1700	1750 1700	2100 2100	2350 2200	