

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)	4.5Kg/cm ²	2.1~8.6	2.6~10.3	3.2~12.8	3.9~15.5	4.2~20.7	9.6~38.3	12.7~51.0
		5.5Kg/cm ²	1.9~7.7	2.4~9.5	2.9~11.8	3.4~14.5	4.8~19.0	8.8~35.0	11.5~46.8
		6.5Kg/cm ²	1.8~7.0	2.2~8.7	2.4~10.8	3.2~13.3	4.5~17.3	7.8~33.0	11.0~44.5
		7.5Kg/cm ²	1.6~6.8	1.9~7.5	2.3~10.2	3.0~13.1	4.2~17.1	7.2~30.1	10.7~42.0
		8.5Kg/cm ²	1.5~6.2	1.8~7.4	2.2~8.8	2.8~12.3	3.8~15.7	6.9~28.5	10.3~40.0
		10.5Kg/cm ²	1.2~4.7	1.5~6.0	1.9~7.5	2.3~10.1	3.4~13.6	6.1~24.1	8.8~35.5
		12.5Kg/cm ²	1.1~4.3	1.4~5.6	1.6~6.4	1.9~8.0	2.9~11.5	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)	1550 1450	1750 1600	2000 1800 1650	2300 1900	2800 2400	5000 4500	7000 6000		
	Length (mm)	1650 1500	1800 1650	2100 1800 1650	2100 1800	2480 2100	2970 2850	3550 3300	
	Width (mm)	1050 900	1150 1050	1366 1150 1050	1366 1150	1480 1366	1920 1600	2200 1950	
Height (mm)	1370 1270	1390 1370	1680 1390 1370	1680 1390	1860 1680	2060 1950	2250 2150		