

OIL FREE AIR COMPRESSOR



COAIRE
COMPRESSOR

Various Model

» AL Series



● Automatic ON/OFF through AL3, AL5 pressure sensors

- ⊕ 100% oil-free condensed water drastically reduces the cost for water treatment.
- ⊕ The stainless tank is provided as a built-in standard.
- ⊕ A Micom Controller is a built-in standard for all Kyungwon products.
- ⊕ Service room temperature: ambient temperature of +25°C (per standard 5HP)
- ⊕ The opening of covers from the four sides allows convenient service access for maintenance and inspection.
- ⊕ 3 ~ 5HP products comes in the 'without Tank Type.' (AL3N ~ AL5N)

● Tandem control interface with the array comprising two units of AL7 and AL10 compressors

- ⊕ The combination of two compressors allows for a time-shifting operation suitable for the commissioned work environments to optimize the life span of the compressors.
- ⊕ The automatic On/Off functions are in sync with the air output demands and allow 50% of energy saving.
- ⊕ The operation temperature of +15°C (per the standard of AL10)



● Array of multi-units of AL15, AL20, AL25, AL30, AL40, and AL50 compressors

- ⊕ Multi-control system is adopted for the array of multiple operation ranging from 3 to 10 units as required by the output air demands to provide optimal operation efficiency.
- ⊕ Rotary control and emergency jump operation (Bank-up function) is possible.
- ⊕ The Pull-Down Menu makes the operation easier.
- ⊕ Timer operation for daily or weekly basis is possible.
- ⊕ The operation temperature of +15°C (per the standard of AL40)

Specification



AL Series

Model	Max. Working pressure		Capacity		Motor Power		Noise dB(A)	Dimension (LxWxH) mm	Air Delivery A(B)	Weight kg
	kgf/cm ² G	psig	LPM	CFM	kW	HP				
AL3	8.0	113.7	271	9.6	2.2	3	49	700x740x1070	15(1/2)	175
	9.9	140.8	219	7.7						
AL5	8.0	113.7	416	14.7	3.7	5	50	700x740x1070	15(1/2)	185
	9.9	140.8	352	12.4						
AL7	8.0	113.7	687	24.3	2.2x1	3x1	52	640x1150x1020	25(1)	330
	9.9	140.8	571	20.2	3.7x1	5x1				
AL10	8.0	113.7	832	29.4	3.7x2	5x2	53	640x1150x1020	25(1)	340
	9.9	140.8	704	24.9						
AL15	8.0	113.7	1248	44.1	3.7x3	5x3	56	750x1280x1260	25(1)	485
	9.9	140.8	1056	37.3						
AL20	8.0	113.7	1664	58.8	3.7x4	5x4	58	750x1280x1625	25(1)	620
	9.9	140.8	1408	49.7						
AL25	8.0	113.7	2080	73.5	3.7x5	5x5	59	750x1280x2040	25(1)	750
	9.9	140.8	1760	62.2						
AL30	8.0	113.7	2496	88.1	3.7x6	5x6	62	1600x1280x1260	25(1)	1080
	9.9	140.8	2112	74.6						
AL40	8.0	113.7	3328	117.5	3.7x8	5x8	63	1600x1280x1625	25(1)	1250
	9.9	140.8	2816	99.4						
AL50	8.0	113.7	4160	146.9	3.7x10	5x10	65	1600x1280x2040	25(1)	1420
	9.9	140.8	3520	124.3						

* If moving caster adopted, height increases 40mm



AL A Series

Model	Max. Working pressure		Capacity		Motor Power		Noise	Dew Point	Tank Volume	Filtration	Dimension (LxWxH)	Air Delivery	Weight
	kgf/cm ² G	psig	LPM	CFM	kW	HP							
AL3A	8.0	113.7	271	9.6	2.2	3	49	10	38	5	700x740x1450	15(1/2)	210
	9.9	140.8	219	7.7									
AL5A	8.0	113.7	416	14.7	3.7	5	50	10	38	5	700x740x1450	15(1/2)	220
	9.9	140.8	352	12.4									
AL7A	8.0	113.7	687	24.3	2.2x1	3x1	52	10	74	5	700x1530x1390	15(1/2)	435
	9.9	140.8	571	20.2	3.7x1	5x1							
AL10A	8.0	113.7	832	29.4	3.7x2	5x2	53	10	74	5	700x1530x1390	15(1/2)	445
	9.9	140.8	704	24.9									
AL7J	8.0	113.7	687	24.3	2.2x1	3x1	52	10	—	5	700x1230x1390	15(1/2)	380
	9.9	140.8	571	20.2	3.7x1	5x1							
AL10J	8.0	113.7	832	29.4	3.7x2	5x2	53	10	—	5	700x1230x1390	15(1/2)	390
	9.9	140.8	704	24.9									

- * If moving caster adopted, height increases 40mm
- * A Series : Dryer, Filter, Receiver tank built in (All in one)
- * J Series : Dryer, Filter built in



AL D Series

Model	Max. Working pressure		Capacity		Motor Power		Tank Volume	Filtration	Dimension (LxWxH)	Air Delivery	Weight
	kgf/cm ² G	psig	LPM	CFM	kW	HP					
AL3D	8.0	113.7	271	9.6	2.2	3	38	5	645x670x960	15(1/2)	90
AL5D	8.0	113.7	416	14.7	3.7	5	38	5	645x670x960	15(1/2)	100

AL N Series



Model	Max. Working pressure		Capacity		Motor Power		Noise	Dimension (LxWxH)	Air Delivery	Weight
	kgf/cm ² G	psig	LPM	CFM	kW	HP				
AL3N	8.0	113.7	271	9.6	2.2	3	49	550x620x775 (550x620x845)	15(1/2)	130
	9.9	140.8	219	7.7						
AL5N	8.0	113.7	416	14.7	3.7	5	50	550x620x775 (550x620x845)	15(1/2)	140
	9.9	140.8	352	12.4						

- * If moving caster adopted, height increases 40mm
- * N Series : Receiver tank not included