



## Smart and Simple Compressed Air Solution

TA 7.5/160KW GLOBAL SCREW COMPRESSORS  
10 CFM/600 CFM REFRIGERANT AIR DRYERS



**30% Energy Saving Machine  
Oil Injected Air Compressors**



**Techno Air Services**

A Complete Air Solution Under One Roof

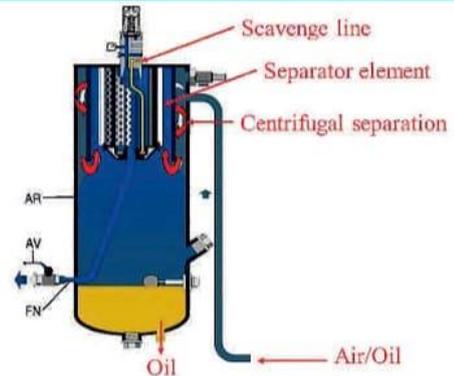
## Air Intake Valve



Newly Designed and Improved Intake valve control system ensure economics control and protection of the screw. The control system systems has been redesigned to be simpler and more reliable, the air intake filter and eliminates dust and other harmful particles that may cause premature wearing of the machine, This On/Off type control system ensures low power consumption during the period of lesser air demand, At shut down, the built in check valve stays close to prevent back flow through the compressor.

## Air Oil separation system (< 1 ppm)

Three steps High efficient oil separation systems centrifugal Force, Gravity and oil Filtration, Compressed Mixture of Air and Oil from Screw Rotates in the separator Tank, oil is separated by centrifugal force, in next stage oil will flow down to the bottom by gravity, in last stage the cylindrical separator element to filter out remaining oil mist.

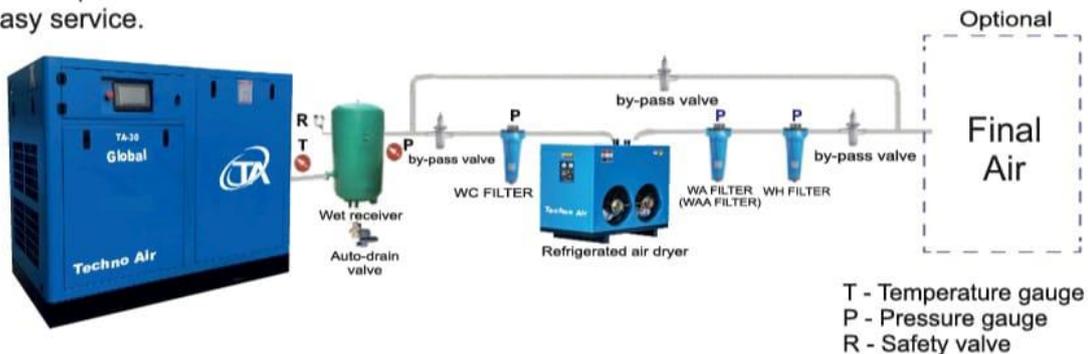


## Combi cooler

High Ambient design of Oil Cooler and After Cooler is critical for performance of Screw Compressor in tropicalised environment Compressors package operates on comparatively lower temperatures as compared to other makes of compressor No continuous duty of cooler fan depend on oil temperature Fan Motor will Start Stop and Save the Energy.

## Other benefits

- Easy Maintenance
- Low Noise level-Improve Tone Quality
- No Rubber Hoses, chance of oil and Leakage is very Less.
- High efficiency Inlet And Out let systems for cooling
- Competitive spares/Maintenance Cost
- Local easy service.



## Optimized Controller



LCD Touch screen Display with Touch pad and Standard Key Pad, Microcontroller based, controlled by micro computer based, self detection and protection function such as control and regulation, service schedule ,re alarm shutdown at long interval of unloading fault report etc.

## Screw / Air End

The Most Advanced 5:6 profile of Air End/Screw Is applied, No Gear No Belt drive Low Speed Air End with More sufficient Air Production volume, increasing the efficiency by 15% compared with 4:6 profile, saving electricity consumption by 25% thus relising truly High Efficiency and energy conservation.



## Electric Motor

Special Modified Electric Motor, Compressor package is driven by an industry standard TEFC (totally enclosed fan cooled) with IP 54 protection, squirrel cage motor, ensure highest quality standards for winding and insulation High Quality for continues and trouble free operation



## Drive

Screw Air End Is directly connected to Main with flexible coupling, lowest speed means Increases efficiency and durability with reduced compressed air cost.

## Energy Saving Permanent Magnet Motor

Permanent magnet Frequency conversion screw air compressors Inherit advance design concept, We maximize paramagnet magnetic technology and relies energy saving up to 50% in extreme cases.PM motor react Much faster than normal Motor with fluctuating air delivery demand,ensureing Precise air delivery and best energy saving.



Model	Motor		Pressure In Bar	m3/min	Rated FAD cfm	Noise In db	Dimension in mm	weight In Kg	Outlet Connection
	KW	Hp							
TA 7.5 GLOBAL	7.5	10	7.5	1.31	46.3	60	890*630*920	240	G 3/4"
			8.5	1.12	39.6				
			10.5	0.95	33.5				
TA 11 GLOBAL	11	15	7.5	1.9	67.1	61	940*705*1120	320	G 3/4"
			8.5	1.65	58.3				
			10.5	1.43	50.5				
TA 15 GLOBAL	15	20	7.5	2.65	93.6	61.0	1250*800*1000	400	G 3/4"
			8.5	2.55	90.1				
			10.5	2.25	79.5				
TA 18 GLOBAL	18	25	7.5	3.25	114.8	63.0	1450*850*1150	540	G 1"
			8.5	3.15	111.2				
			10.5	2.79	98.5				
TA 22 GLOBAL	22	30	7.5	3.85	136.0	63.0	1450*850*1150	565	G 1"
			8.5	3.65	128.9				
			10.5	3.25	114.8				
TA 30 GLOBAL	30	40	7.5	5.4	190.7	64.0	1450*850*1150	720	G 1"
			8.5	5.1	180.1				
			10.5	4.6	162.4				
TA 37 GLOBAL	37	50	7.5	6.85	241.9	65.0	1650*1000*1370	775	G 1-1/2"
			8.5	6.25	220.7				
			10.5	5.65	199.5				
TA 45 GLOBAL	45	60	7.5	8.1	286.0	67.0	1650*1000*1370	950	G 1-1/2"
			8.5	7.75	273.7				
			10.5	7.05	249.0				
TA 55 GLOBAL	55	75	7.5	10.9	384.9	68.0	1750*1210*1500	1450	G 2"
			8.5	10.2	360.2				
			10.5	9.05	319.6				
TA 75 GLOBAL	75	100	7.5	13.7	483.8	69.0	1900*1200*1500	1550	G 2"
			8.5	13.4	473.2				
			10.5	11.79	416.4				
TA 90 GLOBAL	90	120	7.5	16.65	588.0	70.0	2340*1480*1820	2100	G 2"
			8.5	15.6	550.9				
			10.5	14.7	519.1				
TA 110 GLOBAL	110	150	7.5	21.6	762.8	71.0	2470*1600*1975	2790	G 2-1/2"
			8.5	20.6	727.5				
			10.5	17.6	621.5				
TA 132 GLOBAL	132	175	7.5	26.35	930.5	72.0	2470*1600*1975	3000	G 2-1/2"
			8.5	25.1	886.4				
			10.5	22.15	782.2				
TA 160 GLOBAL	160	215	7.5	28.9	1,020.6	72.0	2700*1775*2175	3250	G 2-1/2"
			8.5	27.7	978.2				
			10.5	24.7	872.3				

Model	Motor		Pressure In Bar	m3/min	cfm	Noise In db	Dimension in mm	weight In Kg	Outlet Connection
	KW	Hp							
TA 15 PM	15.0	20.0	7.5	2.80	99	61	1040*800*1000	380	G3/4
			8.5	2.60	92				
			10.5	2.20	78				
TA 22 PM	22.0	30.0	7.5	4.20	148	63	1100*850*1180	555	G1 1/4
			8.5	3.77	133				
			10.5	3.53	125				
TA 30 PM	30.0	40.0	7.5	5.60	198	64	1100*850*1180	600	G1 1/4
			8.5	5.20	184				
			10.5	4.60	162				
TA 37 PM	37.0	50.0	7.5	7.20	254	65	1300*950*1380	700	G1 1/2
			8.5	6.53	231				
			10.5	5.65	199				
TA 45 PM	45.0	60.0	7.5	8.50	300	67	1300*950*1380	875	G1 1/2
			8.5	7.80	275				
			10.5	7.10	251				
TA 55 PM	55.0	75.0	7.5	12.00	424	67	1750*1200*1500	1250	G2
			8.5	9.90	349				
			10.5	9.50	335				
TA 75 PM	75.0	100.0	7.5	15.20	537	67	1780*1200*1500	1375	G2
			8.5	13.50	477				
			10.5	12.10	427				

Technical specification and descriptions may change without prior notice.

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### Dealer Details