



SCREW COMPRESSOR DATA SHEET

VanZandt Controls

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1. SINGLE PHASE VARIABLE SPEED COMPRESSOR SPECIFICATIONS

1.1 GENERAL SPECIFICATIONS

General Specifications								
MODEL	HP	VOLT	Min/Max Air Displacement	Max Pressure	TANK SIZE	OVERALL SIZE	Inverter Brand	Inverter Model
VZAIR-AC-1P-SC-S-B-5-26G	5	220	7/14.1cfm@116 psi 6.2/12.4cfm@145 psi 5.3/10.6cfm@175 psi	175psi	26.4gal	40"x21"x41" Tall	ZONCN	SP600T
VZAIR-AC-1P-SC-S-B-7-26G	7	220	7/14.1cfm@116 psi 6.2/12.4cfm@145 psi 5.3/10.6cfm@175 psi	175psi	26.4gal	40"x21"x41" Tall	ZONCN	SP600T
VZAIR-AC-1P-SC-S-B-10-26G	10	220	7/14.1cfm@116 psi 6.2/12.4cfm@145 psi 5.3/10.6cfm@175 psi	175psi	26.4gal	42"x22"x50" Tall	Inovance	MD500

1.2 DETAILED SPECIFICATIONS

Detailed Specifications						
MODEL	FLA	NOISE [DBA]	Lubrication Oil Type [for Screw Compressor]	Lubricating Oil Volume	Air Connection Size	WEIGHT [LBs]
VZAIR-AC-1P-SC-S-B-5-26G	13A	60	DACNIS VS 46	3L	1/2"-14	448
VZAIR-AC-1P-SC-S-B-7-26G	17A	60	DACNIS VS 46	3L	1/2"-14	448
VZAIR-AC-1P-SC-S-B-10-26G	24.5A	60	DACNIS VS 46	4L	3/4"-14	763

2. THREE PHASE VARIABLE SPEED COMPRESSOR SPECIFICATIONS

2.1 GENERAL SPECIFICATIONS

General Specifications								
MODEL	HP	VOLTS	Min/Max Air Displacement	Max Pressure	TANK SIZE	OVERALL SIZE	Inverter Brand	Model number
VZAIR-AC-3P-SC-S-B-10-26G	10	230/460	17.2/38.3@116 psi 14.1/35.3@145 psi 9.8/22.2@175 psi	175psi	75 gal	61.4" × 28.0" × 57.1" [Dryer size NOT Included]	Inovance	MD500
VZAIR-AC-3P-SC-S-B-15-26G	15	230/460	27.5/61.8@116 psi 26.1/58.2@145 psi 17.3/38.8@175 psi	175psi	86 gal	69.7" × 29.5" × 63.4" [Dryer size NOT Included]	Inovance	MD500
VZAIR-AC-3P-SC-S-B-20-26G	20	230/460	38.8/86.1@116 psi 34.9/77.7@145 psi 29.7/66@175 psi	175psi**	86 gal	69.7" × 29.5" × 63.4" [Dryer size NOT Included]	Inovance	MD500
VZAIR-AC-3P-SC-S-B-30-26G	30	230/460	57.2/127@116 psi 50.8/113@145 psi 41.3/91.8@175 psi	175psi**	211 gal	86.6" × 40.6" × 71.7" [Dryer size NOT Included]	Inovance	MD500

2.2 DETAILED SPECIFICATIONS

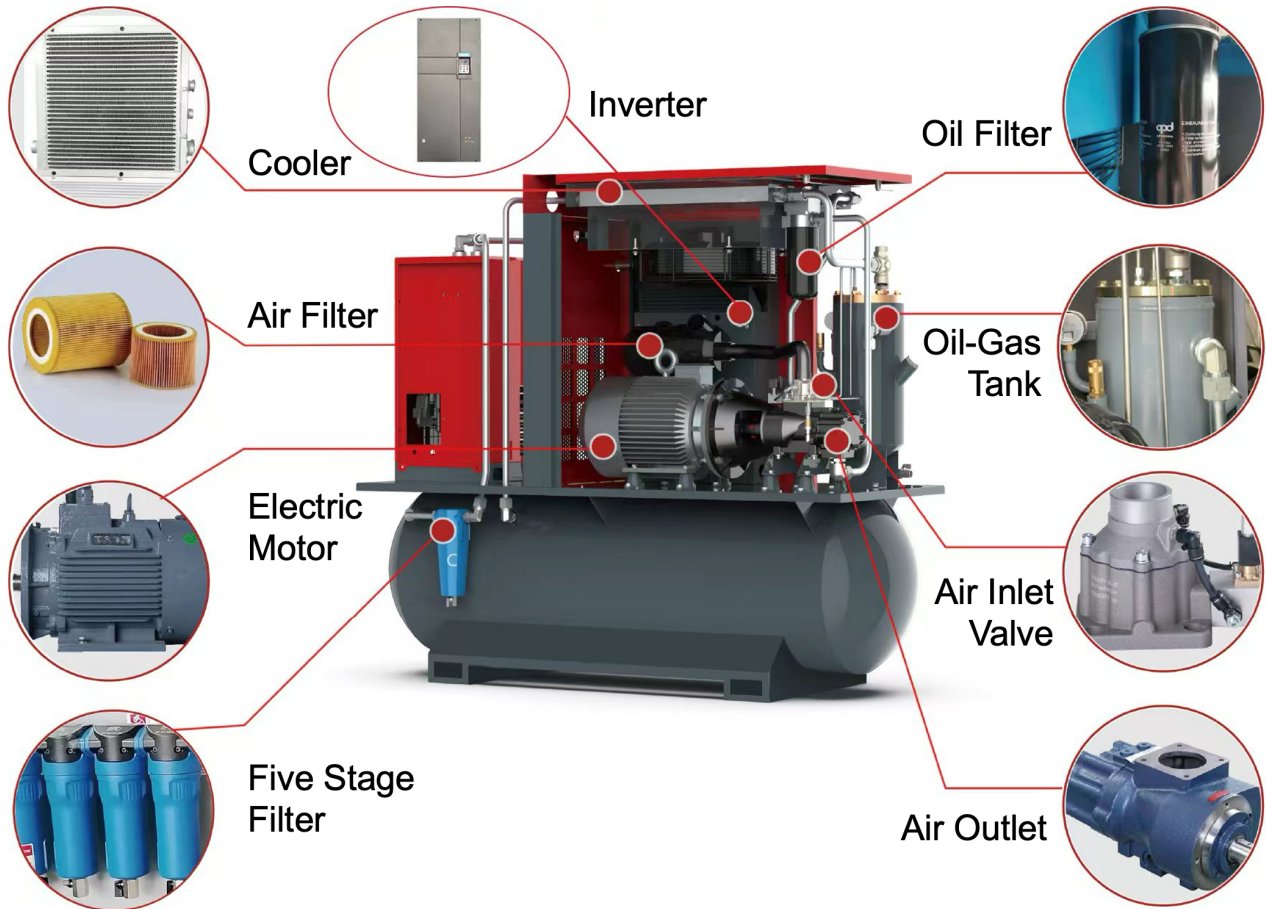
Detailed Specifications						
MODEL	FLA 230V/460V	NOISE DBA	Lubrication Oil Type	Lubricating Oil Volume	Air Connection Size	WEIGHT**** [LBs]
VZAIR-AC-3P-SC-S-B-10-26G	27.3/13.7A	60	DACNIS VS 46	4L	3/4"-14	816
VZAIR-AC-3P-SC-S-B-15-26G	39.1/19.6A	62	DACNIS VS 46	10L	3/4"-14	1213
VZAIR-AC-3P-SC-S-B-20-26G	52.9/26.5A	62	DACNIS VS 46	10L	3/4"-14	1213
VZAIR-AC-3P-SC-S-B-30-26G	77/38.5A	64	DACNIS VS 46	13.5L	1"-11.5	1984

Notes

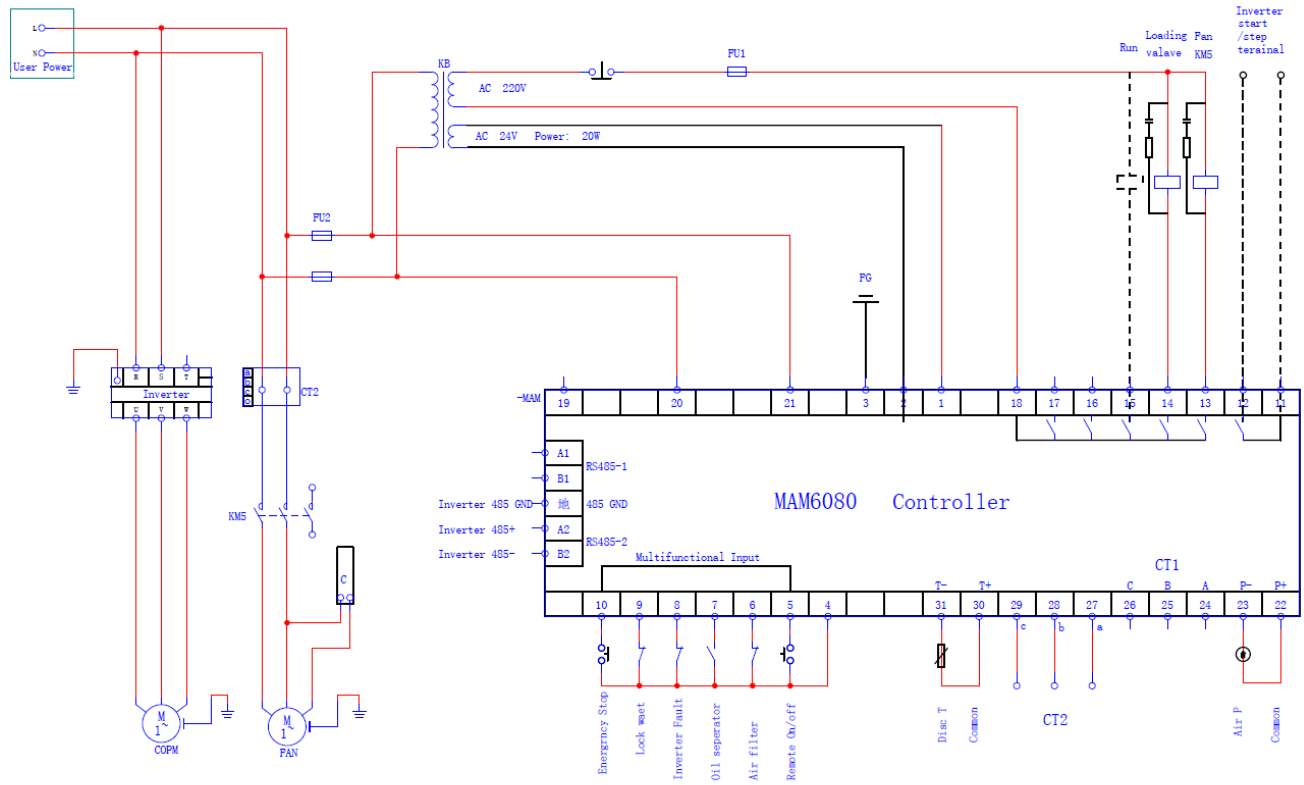
- * The MAX Pressure option available is 232psi, the price is different.
- ** The MAX Pressure option available is 290psi, the price is different.
- *** Dryer size is NOT included.
- **** Weight excluding absorption dryer but including air dryer.

3. DIAGRAMS

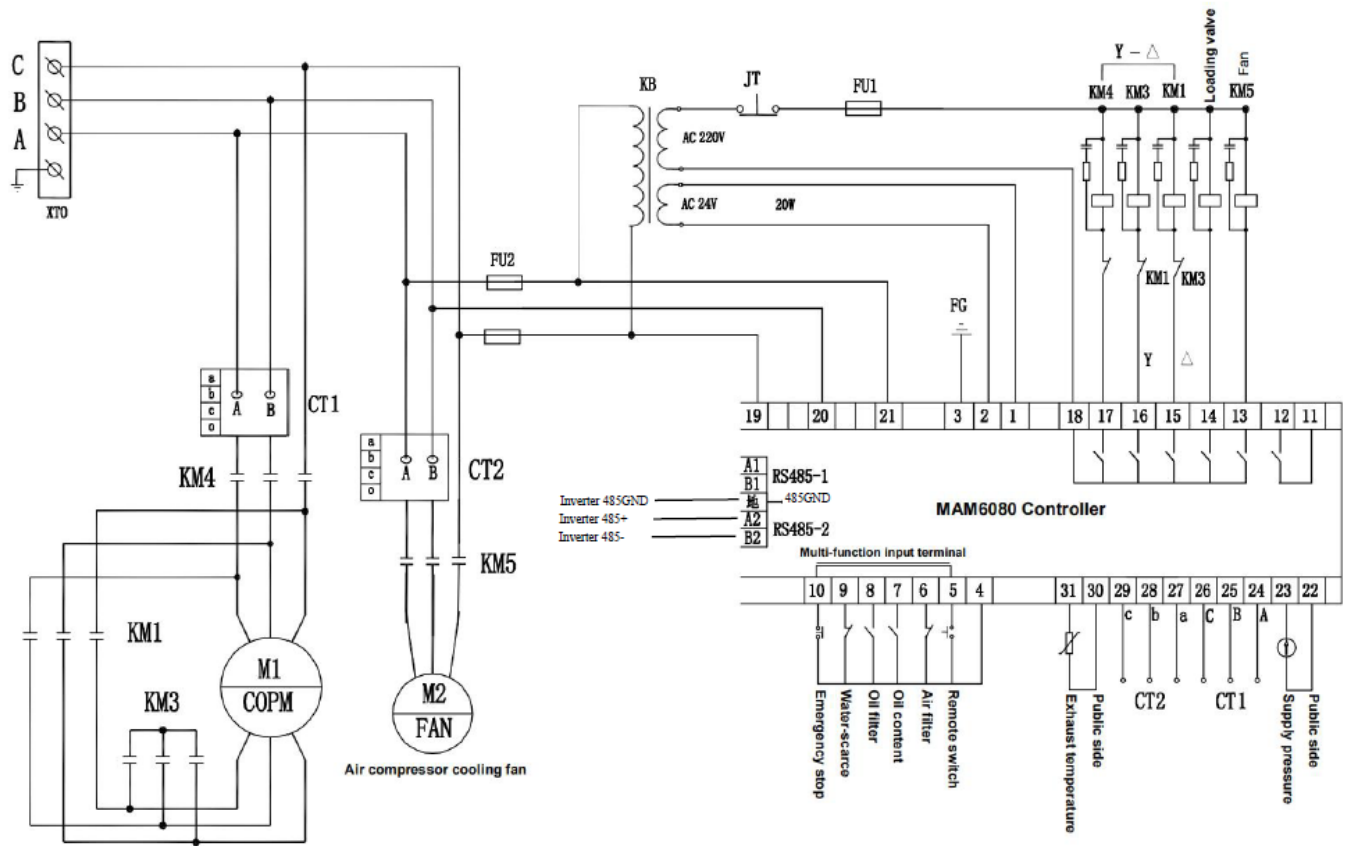
3.1 Component Diagram



3.2 1-phaseWiring Diagram



3.3 3-Phase Wiring Diagram



3.4 Piping Diagram

