



## AIR & GAS COMPRESSION

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- BOOSTERS (580 psi–6000 psi)
  - COMPRESSORS (580 psi–6000 psi)
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## ABOUT ALKIN COMPRESSORS

Alkin Compressors was established in 1990. Production activities are carried out 9000 m<sup>2</sup> closed area in Torbali, Izmir. Alkin Compressors quickly became one of the world's leading manufacturer of High and Medium Pressure Compressors and Boosters. The vertical integration enabled Alkin Compressors to create quality products fit to market for many different sectors.

In the late 1990's Alkin Compressors entered the North American market. After many years of growth, a subsidiary company in USA was established to be the "Center of Excellence" for the region in terms of local inventory, assembly, and inventories along with technical and commercial support. Alkin Compressors Inc. is located in Clifton, New Jersey.

In mid of 2012, Aydin Trafo, a leading manufacturer of rotary screw and reciprocating compressors acquired Alkin Compressors. The combination of the Aykom and Alkin Brands as part of the Aydin Trafo Group conveys a stronger value proposition for global market demands. The Aydin Trafo Group was established in 1978 and is a 3<sup>rd</sup> generation family owned and managed company.



# M

## Medium Pressure Products

(580 psi / 40 bar)

- 700 Series Compressor
- 702 Series Compressor
- 500 Series Compressor
- 500 Series Booster
- 530 Series Booster

# H

## High Pressure Products

(6000 psi / 415 bar)

- W31 Compressor
- W32 Compressor
- W4 Compressor
- Containment Fill Stations
- W32 Booster
- W3 Booster



# MEDIUM PRESSURE PRODUCTS

(580 PSI / 40 BAR)



702



700

530



526



## 530 Booster - 526 Canopy Booster

### Technical Data

MODEL	Inlet Pressure	FAD Free Air Delivery			Maximum Working Pressure		Motor Power		Speed (rpm)	Number of Stages	Number of Cylinders	Weight	Dimensions (inches)			
		Psi	l/min	m <sup>3</sup> /h	Cfm	Bar	Psi	Hp					kW	W	L	H
530 Booster	530-3-7-40V	115	1600	96	56	40	580	10	7.5	700	1	3	900	34	30	52
	530-3-11-40V	115	2800	168	99	40	580	15	11	750	1	3	935	34	30	52
	530-3-15-40V	115	3800	228	134	40	580	20	15	800	1	3	980	34	30	52
	530-3-18-40V	115	4800	288	169	40	580	25	18.5	1000	1	3	1035	34	30	52
	530-3-22-40V	115	5500	330	194	40	580	30	22	1050	1	3	1045	34	30	52
526 Canopy Booster	526-3-15-40	115	3800	228	134.2	40	580	20	15	650	1	3	1360	30	47	68
	526-3-18-40	115	5000	300	177	40	580	25	18.5	750	1	3	1390	30	47	68
	526-3-22-40	115	6000	360	212	40	580	30	22	840	1	3	1410	30	47	68

## 700 - 702 Chassis & Water Cooled

### Technical Data

MODEL	FAD Free Air Delivery			Maximum Working Pressure		Motor Power		Speed (rpm)	Number of Stages	Number of Cylinders	Weight	Dimensions (inches)			
	l/min	m <sup>3</sup> /h	Cfm	Bar	Psi	Hp	kW					W	L	H	
700 Chassis	700-4-40	300	18	10.6	40	580	5.5	4	1120	2	3	342	21	38	27
	700-5-40	400	24	14.1	40	580	7.5	5.5	1200	2	3	364	21	38	27
	700-9D-40	400	24	14.1	40	580	9	Diesel Engine	1200	2	3	507	51	19	24
702 Chassis	702-11-40	750	45	26.5	40	580	15	11	830	2	3	717	30	51	34
	702-15-40	1000	60	35.3	40	580	20	15	1050	2	3	739	30	51	34
	702-35D-40	1200	72	42.3	40	580	35	Diesel Engine	1075	2	3	1764	72	38	42
702 Water Cooled	702-15-40	1000	60	35.3	40	580	20	15	1050	2	3	1102	33	30	49

## 526 - 528 Canopy

### Technical Data

MODEL	FAD Free Air Delivery			Maximum Working Pressure		Motor Power		Speed (rpm)	Number of Stages	Number of Cylinders	Weight	Dimensions (inches)			
	l/min	m <sup>3</sup> /h	Cfm	Bar	Psi	Hp	kW					W	L	H	
526 Canopy	526-15-40	1000	60	35.3	40	580	20	15	640	2	3	1390	30	47	68
	526-18-40	1200	72	42.4	40	580	25	18.5	750			1410	30	47	68
	526-22-40	1420	85	50.1	40	580	30	22	800			1480	30	51	68
528 Canopy	528-11-45	800	48	28.24	45	650	15	11	700	3	3	1430	30	51	68
	528-15-45	900	54	31.7	45	650	20	15	750			1455	30	51	68
	528-15-60	950	57	33.5	60	870	20	15	800			1455	30	51	68
	528-18-70	1000	60	35.3	70	1015	25	18.5	850			1480	30	51	68

# HIGH PRESSURE PRODUCTS

(6000 PSI / 415 BAR)



W31



W32

W4

## FILL STATIONS



W32 BOOSTER



## W32 Chassis - Canopy

## Technical Data

MODEL	Inlet Pressure	FAD Free Air Delivery				Maximum Working Pressure		Motor Power		Speed (rpm)	Number of Stages	Number of Cylinders	Weight	Dimensions (inches)		
		Psi	l/min	m <sup>3</sup> /h	Cfm	Bar	Psi	Hp	kW					lbs	W	L
W32 Chassis Gas Booster	W32-4-225-P4B	75	250	15	9	350	5000	5.5	4	1250	3	3	353	26	47	28
	W32-5-225-P4B	75	300	18	11	350	5000	7.5	5.5	1350			364	26	47	28
	W32-7-225-P4B	75	350	21	12	350	5000	10	7.5	1500			375	26	47	28
W32 Canopy Gas Booster	W32-4-225-FP4B	75	250	15	9	350	5000	5.5	4	1250	3	3	617	28	41	51
	W32-5-225-FP4B	75	300	18	11	350	5000	7.5	5.5	1350			639	28	41	51
	W32-7-225-FP4B	75	330	21	12	350	5000	10	7.5	1500			661	28	41	51
W3 Canopy Gas Booster	W3-11-225-FP6B	75	760	45.6	26.8	350	5000	15	11	750	3	3	1520	30	44	63
	W3-15-225-FP6B	75	1100	66	38.8	350	5000	20	15	940			1540	77	44	63

## W31- W32 Mariner - Canopy

## Technical Data

MODEL	FAD Free Air Delivery			Maximum Working Pressure		Motor Power		Speed (rpm)	Number of Stages	Number of Cylinders	Weight	Dimensions (inches)			
	l/min	m <sup>3</sup> /h	Cfm	Bar	Psi	Hp	kW					lbs	W	L	H
W31 Mariner	W31-2-225-P2	105	6.3	3.7	350	5000	3	2.2	1050	3	3	141	17	33	20
	W31-6P-225-P2				350	5000	6.5 Gas Engine	-	1100			139	17	41	20
	W31-3-225-P2	145	8.7	5.1	350	5000	4	3	1350	3	3	141	17	33	20
	W31-6P-225-P2				350	5000	6.5 Gas Engine	-	1350			141	17	41	20
W31 Vertical	W31-2-225-P2V	105	6.3	3.7	350	5000	3	2.2	1050	3	3	148	23	20	35
	W31-3-225-P2V	145	8.7	5.1	350	5000	4	3	1350	3	3	148	23	20	35
W32 Mariner	W32-4-225-P4	200	12	7	350	5000	5	3.7	1160	3	3	342	20	44	27
	W32-6P-225-P4				350	5000	6 Gas Engine	-				364	20	47	27
	W32-5-225-P4	280	16.8	9.8	350	5000	7.5	5.5	1450	3	3	364	20	44	27
	W32-9P-225-P4				350	5000	9 Gas Engine	-				386	20	47	27
	W32-9D-225-P4				350	5000	9 Diesel Engine	-				430	20	53	31
	W32-7-225-P4	330	19.8	11.6	350	5000	10	7.5	1500			375	20	44	27
	W32-13P-225-P4	330	19.8	11.6	350	5000	13 Gas Engine	-	1700	3	3	397	20	47	27
W32-13D-225-P4	350				5000	13 Diesel Engine	-	551				20	53	31	
W32 Canopy	W32-4-225-FP4N	200	12	7	350	5000	5	3.7	1160	3	3	772	29	41	54
	W32-5-225-FP4N	280	16.8	9.8	350	5000	7.5	5	1450			783	29	41	54
	W32-7-225-FP4N	330	19.8	11.6	350	5000	10	7.5	1500			794	29	41	54

## W4 Canopy

## Technical Data

MODEL	FAD Free Air Delivery			Maximum Working Pressure		Motor Power		Speed (rpm)	Number of Stages	Number of Cylinders	Weight	Dimensions (inches)			
	l/min	m <sup>3</sup> /h	Cfm	Bar	Psi	Hp	kW					lbs	W	L	H
W4 Canopy	W4-7-310-FP6M	450	27	16	415	6000	10	7.5	600	4	3	1764	34	50	68
	W4-11-310-FP6M	600	36	21	415	6000	15	11	720	4	3	1797	34	50	68
	W4-15-310-FP6M	685	41	24	415	6000	20	15	830	4	3	1797	34	50	68
	W4-18-310-FP62M	850	51	30	415	6000	25	18.5	850	4	3	2205	34	50	68
	W4-22-310-FP62M	1000	60	35.3	415	6000	30	22	900	4	3	2183	34	50	68
W4 Diesel	W4-28D-310-FP6	625	38	22	415	6000	28.5	Diesel Engine	830	4	3	1499	33	66	57
	W4-35D-310-FP62	860	52	31	415	6000	35	Diesel Engine	755	4	3	2138	38	50	68
W4 Water Cooled	W4-15-310-FP6M	685	41.1	24.1	415	6000	20	15	830	4	3	2161	34	50	68
	W4-18-310-FP6M	850	51	30	415	6000	25	18.5	850	4	3	2161	34	50	68
	W4-22-310-FP6M	1000	60	35.3	415	6000	30	22	900	4	3	2183	34	50	68



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