Pilot Air Compressors, family owned and proudly Australian

COMPRESSED AIR PRODUCTS

PRODUCT CATALOGUE



pilotair
The Compressed Air Experts

1300 667 579

www.pilotair.com.au

Table of Content

Compressed Air Generation Products 3

TM+ Series 4
240V Professional K Series 4
240V Industrial Series 5
Three Phase Industrial Series 5
Three Phase Vertical Professional Industrial Series 6
K-Pack Series 6
Three Phase (and 240V) Silenced Industrial Series 7
Silenced Industrial Series with Receiver Packages 7
Silenced Industrial Series Complete Packages 8
Petrol Series 8
Diesel Series 9
PAC Series 10
PAC Series Receiver Mounted 11
PAC RM-D Series - Receiver Mounted with Dryer and Pre Filter 11
NGS 7.5 VS 12
NGS 11 VS 13
NGS 15 VS 14
NGS 22 VS 15
NGS 37 VS 16
NGS 15 VS-16 Bar 17
ALTA-TEC Series 18
ALTA-TEC Series Receiver Mounted with Dryer and Pre Filter 18
ALTA-TEC Two Stage Variable Speed 19
Oil-Free Reciprocating Air Compressors 20
SILENT Oil-Free Reciprocating Air Compressors 20

Compressed Air Storage and Condensate Drainage Products 21

Horizontal and Vertical Air Receivers 22
Automatic Condensate Drains 23

Compressed Air Treatment Products 24

TFD Refrigerated Type Dryer Series 25
Compressed Air Filter Regulation Combinations 26
FT Series Filtration 26

Compressed Air Generation Products



Pilot Air has an extensive range of air compressors to suit almost any application, from small projects to industrial applications. Using the latest advances in rotary screw, reciprocating and portable technology, our products offer superior performance and unrivalled efficiency.

TM+ Series

Key Features

- Built tough for trade and D.I.Y. use. Built with heavy-duty componentry, this system offers a compact design, high performance, system reliability and a long service life.
- Twin cast iron cylinder
- High performance, heavy duty componentry ensures reliability and longevity
- Electric motor overload to help protect against motor damage.
- Suitable for workplace use, the system features an air receiver that meets Australian standards and a pressure regulator fitted as standard.



Specifications

Model	Piston Displacement		Free Air Delivery		Motor Size		Max. Pressure		Cylinders	Receiver Size	Dimensions	Weight
	L/Min	CFM	L/Min	CFM	KW	HP	KPA	(PSI)	(Stages)	Litres	L x W x H (mm)	kg
TM325+	318	11.2	196	6.9	1.8	2.5	1000	145	2(1)	50	840 x 380x 780	52
TM420SD+	365	12.9	256	9.05	2.2	3.0	1000	145	2(1)	50	840 x 380x 780	53
TM420SDL+	365	12.9	256	9.05	2.2	3.0	1000	145	2(1)	100	1025 x 435 x 845	62

240V Professional K Series

Key Features

- High Quality – Made in Italy
- Designed and built for heavy duty use
- Twin cast iron cylinder, Italian made pump
- High performance, heavy duty componentry ensures reliability and longevity
- Electric motor overload – helps protect against motor damage
- Suitable for workplace use with an air receiver to AS1210-3, these systems come with a five-year compressor pump warranty.



Specifications

Model	Piston Displacement		Free Air Delivery		Motor Size		Max. Pressure		Cylinders	Receiver Size	Dimensions	Weight
	L/Min	CFM	L/Min	CFM	KW	HP	KPA	(PSI)	(Stages)	Litres	L x W x H (mm)	kg
K11-50	227	9.8	191	6.8	1.5	2.0	1000	145	2(1)	50	830 x 400 x 750	55
K17-50	390	13.8	257	9.1	2.2	3.0	1000	145	2(1)	50	830 x 400 x 770	60
K17-90	390	13.8	257	9.1	2.2	3.0	1000	145	2(1)	90	1010 x 520 x 900	75

240V Industrial Series

Key Features

- Australian Built
- Built with high performance and heavy-duty componentry to ensure reliability and longevity.
- Twin cast iron cylinder, Italian made pump
- High performance, heavy duty componentry ensures reliability and longevity
- Electric motor overload – helps protect against motor damage



Specifications

Model	Piston Displacement		Free Air Delivery		Motor Size		Max. Pressure		Cylinders	Receiver Size	Dimensions	Weight
	L/Min	CFM	L/Min	CFM	KW	HP	KPA	(PSI)	(Stages)	Litres	L x W x H (mm)	kg
K17/Duplex/ 2.2KW	838	29.6	557.4	19.6	4.4	6	1000	145	2(1)	147	1500 x 600x 950	150
K17SD	305	10.8	205	7.24	1.65	2.25	1000	145	2(1)	100	1100 x 490 x 920	90
K25SDL	371	13.1	289	10.2	2.2	3.0	1100	160	2(2)	100	1100 x 490 x 960	100

Three Phase Industrial Series

Key Features

- Australian built with Pilot Air's seal of quality.
- Ideal for workshops and factories, it features an energy efficient MEPS approved electric motor to minimise energy costs.
- Built with high performance and heavy-duty componentry
- Twin cast iron cylinder, Italian made pump
- Suitable for workplace use with an air receiver to AS1210, these systems come with a five-year compressor pump warranty.
- Two stage pump K25 to K100



Specifications

Model	Piston Displacement		Free Air Delivery		Motor Size		Max. Pressure		Cylinders	Receiver Size	Dimensions	Weight
	L/Min	CFM	L/Min	CFM	KW	HP	KPA	(PSI)	(Stages)	Litres	L x W x H (mm)	kg
K17T	428	15.1	292.6	10.3	2.2	3	1000	145	2(1)	100	1060 x 400x 860	100
K25L18	497	17.6	365	12.9	3	4	1100	160	2(2)	100	1060 x 450x 900	130
K25/21	581	20.5	454	16	4	5.5	1100	160	2(2)	150	1320 x 480x 950	170
K30	871.8	30.8	681	24.1	5.5	7.5	1100	160	2(2)	200	1410 x 580x 1050	190
K50	1120	39.6	888	31.1	7.5	10	1100	160	2(2)	268	1540 x 560x 1160	220
K60	1698	60	1353	47.8	11	15	1100	160	4(2)	500	1890 x 680x 1400	420
K100	2311.4	81.6	1913	67.6	15	20	1100	160	4(2)	500	1890 x 700x 1560	480

Three Phase Vertical Professional Industrial Series



Key Features

- Built in Italy with Pilot Air's seal of quality.
- Ideal for workshops and factories, it features an energy efficient MEPS approved electric motor to minimise energy costs.
- Built with high performance and heavy-duty componentry
- Twin cast iron cylinder, Italian made pump
- Suitable for workplace use with an air receiver to AS1210, these systems come with a five-year compressor pump warranty.
- Two stage pumps

Specifications

Model	Piston Displacement		Free Air Delivery		Motor Size		Max. Pressure		Cylinders	Receiver Size	Dimensions	Weight
	L/Min	CFM	L/Min	CFM	KW	HP	KPA	(PSI)	(Stages)	Litres	L x W x H (mm)	kg
K25-VI	581	20.5	454	16	4	5.5	1000	145	2(2)	270	860 x 850 x 2140	133
K30-VI	871.8	30.8	681	24.1	5.5	7.5	1000	145	2(2)	270	860 x 850 x 2140	156

K-Pack Series



Key Features

- Complete with Refrigerated Dryer, Pre Filter Post Filter and 1.5m interconnecting hoses and fittings.
- Experience the renowned longevity and reliability of a Pilot Air system while enjoying minimal noise and clean dry air output.
- Two stage pumps

Specifications

Model	Piston Displacement		Free Air Delivery		Motor Size		Max. Pressure		Cylinders	Receiver Size	Refrigerated Air Dryer	Pre Filter	Post Filter
	L/Min	CFM	L/Min	CFM	KW	HP	KPA	(PSI)	(Stages)	Litres			
K25/ 21-PACK	581	20.5	454	16	4	5.5	1100	160	2(2)	150	TFD6	FTP012	FTX012
K30-PACK	871.8	30.8	681	24.1	5.5	7.5	1100	160	2(2)	200	TFD10	FTP012	FTX012
K50-PACK	1120	39.6	888	31.1	7.5	10	1100	160	2(2)	268	TFD10	FTP012	FTX012

Three Phase (and 240V) Silenced Industrial Series



Key Features

- Experience the renowned longevity and reliability of a Pilot Air system while enjoying minimal noise.
- A super silenced design, with acoustic foam-lined cabinets and thermostatically controlled cooling
- Perfect for workshops and factories with noise sensitive environments
- Twin cast iron cylinder, Italian made pump
- High performance, heavy duty componentry ensures reliability and longevity
- Two stage pumps for K30SI and K50SI

Specifications

Model	Piston Displacement		Free Air Delivery		Motor Size		Max. Pressure		Cylinders	Noise Level	Dimensions	Weight
	L/Min	CFM	L/Min	CFM	KW	Volt	KPA	(PSI)	(Stages)	d(B)a	L x W x H (mm)	kg
K17SI/1.65	305	10.8	205.1	7.24	1.65	240	1000	145	2(1)	63	730 x 640x 1100	147
K17SI/2.2	419	14.8	278.7	9.8	2.2	240	1000	145	2(1)	63	730 x 640x 1100	147
K17SI	428	15.1	292.6	10.3	2.2	415	1000	145	2(1)	63	730 x 640x 1100	147
K30SI	871.8	30.8	681	24.1	5.5	415	1000	160	2(2)	66	900 x 640x 1100	182
K50SI	1120	39.6	888	31.3	7.5	415	1100	160	2(2)	68	900 x 640x 1100	220

Silenced Industrial Series with Receiver Packages



Key Features

- Complete with Vertical Air Receiver and 1.5m interconnecting hose and fittings.
- Experience the renowned longevity and reliability of a Pilot Air system while enjoying minimal noise.

Specifications

Model	Piston Displacement		Free Air Delivery		Motor Size		Max. Pressure		Cylinders	Noise Level	Vertical Air Receiver
	L/Min	CFM	L/Min	CFM	KW	Volt	KPA	(PSI)	(Stages)	d(B)a	Litres
K17SI/1.65-150L	305	10.8	205.1	7.24	1.65	240	1000	145	2(1)	63	150
K17SI/2.2-150L	419	14.8	278.7	9.8	2.2	240	1000	145	2(1)	63	150
K17SI-150L	428	15.1	292.6	10.3	2.2	415	1000	145	2(1)	63	150
K30SI-150L	871.8	30.8	681	24.1	5.5	415	1000	160	2(2)	66	150
K50SI-300L	1120	39.6	888	31.3	7.5	415	1100	160	2(2)	68	300

Silenced Industrial Series Complete Packages



Key Features

- Complete with Vertical Air Receiver, Refrigerated Dryer, Pre Filter and 1.5m interconnecting hoses and fittings.
- Experience the renowned longevity and reliability of a Pilot Air system while enjoying minimal noise and clean dry air output.

Specifications

Model	Piston Displacement		Free Air Delivery		Motor Size		Max. Pressure		Cylinders	Noise Level	Vertical Air Receiver	Refrigerated Air Drye	Pre Filter
	L/Min	CFM	L/Min	CFM	KW	Volt	KPA	(PSI)	(Stages)	d(B)a	Litres	Model	Model
K17SI/1.65-PACK	305	10.8	205.1	7.24	1.65	240	1000	145	2(1)	63	150	TFD6	FTP012
K17SI/2.2-PACK	419	14.8	278.7	9.8	2.2	240	1000	145	2(1)	63	150	TFD6	FTP012
K17SI-PACK	428	15.1	292.6	10.3	2.2	415	1000	145	2(1)	63	150	TFD6	FTP012
K30SI-PACK	871.8	30.8	681	24.1	5.5	415	1000	160	2(2)	66	150	TFD10	FTP012
K50SI-PACK	1120	39.6	888	31.3	7.5	415	1100	160	2(2)	68	300	TFD10	FTP012

Petrol Series





Key Features

- Australian built with Pilot Air's seal of quality.
- Designed and built for heavy-duty use, it offers on-site compressed air where you need it, and all with Pilot Air's legendary reliability and long-life value.
- Twin cast iron cylinder and Italian made pump
- With full pneumatic load/unload idle-down control, you can minimise machine wear and fuel use
- Powered by Honda engines, and with an air receiver to AS1210, this system is suitable for workplace use.
- Two stage pump for K25 to K50

Specifications

Model	Piston Displacement		Free Air Delivery		Engine	Max. Pressure		Cylinders	Receiver Size	Dimensions	Weight
	L/Min	CFM	L/Min	CFM		KPA	(PSI)	(Stages)	Litres	L x W x H (mm)	kg
K17P	463	16.3	308	10.9	GX160	1000	145	2(1)	100	1100 x 490 x 880	100
K17PS Tallboy	463	16.3	308	10.9	GX160	1000	145	2(1)	10	660x 440 x 1000	90
K17PUTE	463	16.3	308	10.9	GX160	1000	145	2(1)	100	745 x 710x 500	70
K25PR	605	21.4	457	16.2	GX270	1100	160	2(2)	150	1320 x 450 x 950	200

Specifications

Model	Piston Displacement		Free Air Delivery		Engine	Max. Pressure		Cylinders	Receiver Size	Dimensions	Weight
K25P	605	21.4	457	16.2	GX270ES	1100	160	2(2)	150	1320 x 450 x 950	200
K30P	981	34.7	812.2	28.7	GX390	1100	160	2(2)	200	1410 x 500 x 1050	220
K50P	1299	45.8	888	31.1	Kohler 14HP	1100	160	2(2)	268	1540 x 560 x 1160	250

Diesel Series



Key Features

- Australian built with Pilot Air's seal of quality.
- Designed and built for heavy-duty use, it offers on-site compressed air where you need it, and all with Pilot Air's legendary reliability and long-life value.
- Twin cast iron cylinder and Italian made pump
- With full pneumatic load/unload idle-down control, you can minimise machine wear and fuel use.
- Powered by Kohler engineers and with air receiver to AS1210 and electric start standard on all models (battery and leads not supplied), this system is suitable for workplace use
- Two stage pump for k25D and K30D

Specifications

Model	Piston Displacement		Free Air Delivery		Engine	Max. Pressure		Cylinders	Receiver Size	Dimensions	Weight
	L/Min	CFM	L/Min	CFM		KPA	(PSI)	(Stages)	Litres	L x W x H (mm)	kg
K17D	463	16.3	308	10.9	KD225	1000	145	2(1)	100	1060 x 450x 920	110
K25D	605	21.4	457	16.2	KD350	1100	160	2(2)	150	1270 x 525 x 1070	150
K30D	981	34.7	812.2	28.7	KD440	1100	160	2(2)	200	1420 x 545 x 1210	220

PAC Series

Key Features

- The perfect choice for workshop and industrial requirements.
- With Italian designed and manufactured air end, the lower air end speeds reduce wear and increase service life.
- Designed for continuous operation without a drop in performance.
- Easily accessible internal components.
- The poly-v belt driven system offers long life and minimum maintenance
- Made in Italy



Specifications

Model	Free Air Delivery @ 8 Bar		Free Air Delivery @ 10 Bar		Motor Size		Noise Level	Dimensions	Weight
	L/S	CFM	L/S	CFM	KW	HP	d(B)A	L x W x H (mm)	kg(Approx.)
PAC 4	9.7	20.5	8.1	17.1	4.0	5.5	60	580 x 480 x 760	100
PAC 5.5	12.0	25.4	10.8	22.9	5.5	7.5	64	580 x 480 x 760	102
PAC 7.5	20.8	44.1	16.7	35.3	7.5	10.0	68	800 x 650 x 980	185
PAC 11	27.5	58.2	25.0	53.0	11.0	15.0	69	800 x 650 x 980	200
PAC 15	35.8	75.9	30.8	65.3	15.0	20.0	70	800 x 650 x 980	210
PAC 18.5	46.7	99.0	41.7	88.0	18.5	25.0	66	1350 x 800 x 1130	350
PAC 22	55.8	118.0	50.0	106.0	22.0	30.0	68	1350 x 800 x 1130	380
PAC 30	78.3	165.9	70.0	148.3	30.0	40.0	70	1530 x 830 x 1440	630
PAC 37	100.0	212.0	88.3	187.0	37.0	50.0	68	1530 x 830 x 1440	700
PAC 45	120.0	254.0	108.3	229.0	45.0	60.0	72	1600 x 970 x 1860	910
PAC 55	143.3	304.0	130.0	275.0	55.0	75.0	74	1600 x 970 x 1860	952
PAC 75	203.3	431.0	175.0	371.0	75.0	100.0	72	1800 x 1100 x 2150	1720

PAC SERIES

RECEIVER MOUNTED



Key Features

- The perfect choice for workshop and industrial requirements.
- With Italian designed and manufactured air end, the lower air end speeds reduce wear and increase service life.
- Designed for continuous operation without a drop in performance.
- Easily accessible internal components.
- The poly-v belt driven system offers long life and minimum maintenance
- Screw compressor manufactured in Italy, assembled on receiver unit in Australia.

Specifications

Model	Free Air Delivery @ 8 Bar		Free Air Delivery @ 10 Bar		Motor Size		Receiver Size	Noise Level	Dimensions	Weight
	L/S	CFM	L/S	CFM	KW	HP	Liters	d(B)A	L x W x H (mm)	kg(Approx.)
PAC 4-RM	9.7	20.5	8.1	17.1	4.0	5.5	268	60	1260 x 480 x 1350	180
PAC 5.5-RM	12.0	25.4	10.8	22.9	5.5	7.5	268	64	1260 x 480 x 1350	182
PAC 7.5-RM	20.8	44.1	16.7	35.3	7.5	10.0	268	68	1500 x 650 x 1650	275
PAC 11-RM	27.5	58.2	25.0	53.0	11.0	15.0	268	69	1500 x 650 x 1650	290
PAC 15-RM	35.8	75.9	30.8	65.3	15.0	20.0	268	70	1500 x 650 x 1650	300

PAC RM-D SERIES

Receiver Mounted with Dryer and Pre Filter



Key Features

- The perfect choice for workshop and industrial requirements.
- With Italian designed and manufactured air end, the lower air end speeds reduce wear and increase service life.
- Designed for continuous operation without a drop in performance.
- Easily accessible internal components.
- The poly-v belt driven system offers long life and minimum maintenance

Specifications

Model	Free Air Delivery @ 8 Bar		Free Air Delivery @ 10 Bar		Motor Size		Receiver Size	Noise Level	Dimensions	Weight
	L/S	CFM	L/S	CFM	KW	HP	Liters	d(B)A	L x W x H (mm)	kg(Approx.)
PAC 4-RM-D	9.7	20.5	8.1	17.1	4.0	5.5	268	60	1500 x 600 x 1510	220
PAC 5.5-RM-D	12.0	25.4	10.8	22.9	5.5	7.5	268	64	1500 x 600 x 1510	222
PAC 7.5-RM-D	20.8	44.1	16.7	35.3	7.5	10.0	268	68	1500 x 720 x 1610	295
PAC 7.5-RM-D-500	20.8	44.1	16.7	35.3	7.5	10.0	500	68	1900 x 720 x 1800	320
PAC 11-RM-D	27.5	58.2	25.0	53.0	11.0	15.0	500	69	1900 x 720 x 1800	340
PAC 15-RM-D	35.8	75.9	30.8	65.3	15.0	20.0	500	70	1900 x 720 x 1800	355

NGS 7.5VS

Key Features

- Direct-drive transmission
- Variable-speed inverter technology
- Advanced electronic controller
- Built for Australian conditions
- Compact, space-saving design
- Quiet operation – 62 dB(A)
- Backed by Pilot Air warranty & nationwide service









Technical Specifications

No.	Item		Unit	Parameter
1	Air flow/Working Pressure		(L/S) / BAR	21.67 / 10
2	Ambient temperature		°C	-5~+45
3	Cooling method			Air-cooling
4	Exhaust temperature		°C	≤Ambient temperature+15
5	Lubricating oil quantity		L	10
6	Transmission method			Direct
7	Gas flow control method			Loading/unloading
8	Gas oil content		ppm	≤3
9	Noise		dB(A)	62±2
10	Lubricant Type			46 grade mineral oil
11	Safety valve set pressure		MPa	Rated working pressurex1.1
12	Motor	Power	kW	7.5
		Speed	rpm	2900
		Starting Method		Inverted
		Voltage/Frequency	V/Hz	415/50
		Protection Level/Insulation Level		IP55, Grade F
12	Fan	Power	kW	0.12
		Voltage/Frequency	V/Hz	415/50
		Speed	rpm	1440
		Air Volume	m3/h	2100
14	Dimensions		mm	890*650*810
15	Weight		kg	210
16	Outlet pipe diameter		in	G 1/2

NGS 11VS

Key Features

- Direct-drive transmission
- Variable-speed inverter technology
- Advanced electronic controller
- Low noise 64 dB(A)
- Compact, space-saving design
- Energy savings
- Backed by Pilot Air warranty & nationwide service



Technical Specifications

No.	Item		Unit	Parameter
1	Air flow/Working Pressure		(L/S) / BAR	21.67 / 10
2	Ambient temperature		°C	-5～+45
3	Cooling method			Air-cooling
4	Exhaust temperature		°C	≤Ambient temperature+15
5	Lubricating oil quantity		L	10
6	Transmission method			Direct
7	Gas flow control method			Loading/unloading
8	Gas oil content		ppm	≤3
9	Noise		dB(A)	64±2
10	Lubricant Type			46 grade mineral oil
11	Safety valve set pressure		MPa	Rated working pressurex1.1
12	Motor	Power	kW	11
		Speed	rpm	2930
		Starting Method		Inverted
		Voltage/Frequency	V/Hz	415/50
		Protection Level/Insulation Level		IP55, Grade F
12	Fan	Power	kW	0.25
		Voltage/Frequency	V/Hz	415/50
		Speed	rpm	1440
		Air Volume	m3/h	3500
14	Dimensions		mm	1160*700*1100
15	Weight		kg	230
16	Outlet pipe diameter		in	G 3/4

NGS 15VS

Key Features

- Energy savings
- Direct drive transmission
- Low noise levels
- Advanced technology MAM-6080 controller
- High-quality electric motors
- Backed by Pilot Air warranty & nationwide service
- Increased air - intelligent cost control





Technical Specifications

No.	Item		Unit	Parameter
1	Air flow/Working Pressure		(L/S) / BAR	35 / 10
2	Ambient temperature		°C	-5~+45
3	Cooling method			Air-cooling
4	Exhaust temperature		°C	≤Ambient temperature+15
5	Lubricating oil quantity		L	10
6	Transmission method			Direct
7	Gas flow control method			Loading/unloading
8	Gas oil content		ppm	≤3
9	Noise		dB(A)	64±2
10	Lubricant Type			46 grade mineral oil
11	Safety valve set pressure		MPa	Rated working pressurex1.1
12	Motor	Power	kW	15
		Speed	rpm	2930
		Starting Method		Inverted
		Voltage/Frequency	V/Hz	415/50
		Protection Level/Insulation Level		IP55, Grade F
12	Fan	Power	kW	0.25
		Voltage/Frequency	V/Hz	415/50
		Speed	rpm	1440
		Air Volume	m3/h	4000
14	Dimensions		mm	1160*700*1100
15	Weight		kg	230
16	Outlet pipe diameter		in	G 3/4

NGS 22VS

Key Features

- Energy-saving variable speed drive
- Advanced cooling system with aftercooler
- High-efficiency MEPS-compliant motor
- Automatic restart & intelligent controls
- Easy maintenance & service access
- Backed by Pilot Air warranty & nationwide service
- Ultra-quiet, continuous operation



Technical Specifications

No.	Item		Unit	Parameter
1	Air flow/Working Pressure		(L/S) / BAR	53.33 / 10
2	Ambient temperature		°C	-5~+45
3	Cooling method			Air-cooling
4	Exhaust temperature		°C	≤Ambient temperature+15
5	Lubricating oil quantity		L	14.5
6	Transmission method			Direct
7	Gas flow control method			Loading/unloading
8	Gas oil content		ppm	≤3
9	Noise		dB(A)	68±2
10	Lubricant Type			46 grade mineral oil
11	Safety valve set pressure		MPa	Rated working pressurex1.1
12	Motor	Power	kW	22
		Speed	rpm	2950
		Starting Method		Inverted
		Voltage/Frequency	V/Hz	415/50
		Protection Level/Insulation Level		IP55, Grade F
12	Fan	Power	kW	0.55
		Voltage/Frequency	V/Hz	415/50
		Speed	rpm	1440
		Air Volume	m3/h	4000
14	Dimensions		mm	1200*900*1150
15	Weight		kg	415
16	Outlet pipe diameter		in	G1

NGS 37VS

Key Features

- High-capacity airflow
- Variable-speed drive for maximum energy efficiency
- Designed for 100% continuous duty operation
- Direct-Drive, low-stress air-end technology
- Advanced intelligent control & system integration
- Backed by Pilot Air warranty & nationwide service
- Long-term reliability









Technical Specifications

No.	Item		Unit	Parameter
1	Air flow/Working Pressure		(L/S) / BAR	93.33 / 10
2	Ambient temperature		°C	-5～+45
3	Cooling method			Air-cooling
4	Exhaust temperature		°C	≤Ambient temperature+15
5	Lubricating oil quantity		L	20
6	Transmission method			Direct
7	Gas flow control method			Loading/unloading
8	Gas oil content		ppm	≤3
9	Noise		dB(A)	68±2
10	Lubricant Type			46 grade mineral oil
11	Safety valve set pressure		MPa	Rated working pressurex1.1
12	Motor	Power	kW	37
		Speed	rpm	2950
		Starting Method		Inverted
		Voltage/Frequency	V/Hz	415/50
		Protection Level/Insulation Level		IP55, Grade F
12	Fan	Power	kW	0.75
		Voltage/Frequency	V/Hz	415/50
		Speed	rpm	1440
		Air Volume	m3/h	6500
14	Dimensions		mm	1560*1000*1365
15	Weight		kg	625
16	Outlet pipe diameter		in	G 1 1/2

NGS 15VS-16 Bar

Key Features

- Purpose-built for laser cutting
- Complete plug-and-play system
- Clean, dry air protection
- Belt-driven reliability
- Adjustable startup configuration
- Compact footprint for workshop integration
- Backed by Pilot Air warranty & nationwide service
- Engineered for manufacturing









Technical Specifications

No.	Item		Unit	Parameter
1	Air flow/Working Pressure		(L/S) / BAR	20 / 16
2	Ambient temperature		°C	-5～+45
3	Cooling method			Air-cooling
4	Exhaust temperature		°C	≤Ambient temperature+15
5	Lubricating oil quantity		L	10
6	Transmission method			Belt
7	Gas flow control method			Loading/unloading
8	Gas oil content		ppm	≤3
9	Noise		dB(A)	72±2
10	Lubricant Type			46 grade mineral oil
11	Safety valve set pressure		MPa	Rated working pressurex1.1
12	Motor	Power	kW	15
		Speed	rpm	2930
		Starting Method		Inverted
		Voltage/Frequency	V/Hz	415/50
		Protection Level/Insulation Level		IP55, Grade F
12	Fan	Power	kW	0.25
		Voltage/Frequency	V/Hz	415/50
		Speed	rpm	1440
		Air Volume	m3/h	2100
14	Dimensions		mm	1785*840*1800
15	Weight		kg	540
16	Outlet pipe diameter		in	G 3/4

ALTA-TEC Series

Key Features

- Air compressor is part of the ALTA-TEC range – the newest direct drive.
- Variable speed (with inverter drive)
- Oil injected rotary screw compressor range.
- Enjoy preventative and targeted maintenance.
- Reduced lifetime cost of ownership and reduced energy costs.
- Screw compressor made in Italy



Specifications

Model	Free Air Delivery @ 8 Bar		Free Air Delivery @ 10 Bar		Motor Size		Noise Level	Dimensions	Weight
	L/S	CFM	L/S	CFM	KW	HP	d(B)A	L x W x H (mm)	kg(Approx.)
AT 7.5VS	21.6-10	46-21	18.3-8.3	39-18	7.5	10	63	830x680x850	172
AT 11VS	28.3-11.3	60-24	26.3-10.3	56-22	11	15	67	1300x730x1000	246
AT 15VS	41.6-15.8	88-34	35-14	74-30	15	20	67	1300x730x1000	263
AT 22VS	63-9.5	134-20	55-11	117-23	22	30	61	1330x850x1370	475
AT 30VS	91.6-14	194-30	84-14	178-30	30	40	68	1590x1000x1560	795
AT 37VS	115-22.5	244-48	91.6-15.8	194-30	37	50	70	1590x1000x1560	795
AT 45VS	146-26	311-55	122.5-26	260-55	45	60	72	1590x1000x1560	855
AT 55VS	168-30	357-64	140-30	297-63	55	75	72	1700X1250X1700	1110
AT 75VS	228-46	484-98	207-41	371-134	75	100	67	2300X1460X1960	2815
AT 90VS	265-46	562-98	223-41	473-88	90	125	67	2300X1460X1960	2815

ALTA-TEC SERIES

Receiver Mounted with Dryer and Pre Filter

Key Features

- Variable Speed technology – Maximum energy efficiency and savings.
- All in a "Ready to Go" package



Specifications

Model	Description
AT 7.5VS-RM-D	Compressor - 415V/7.5 KW/10 BAR/268 L Rec/ 18.3-8.3 L/Sec FAD
AT 11VS-RM-D	Compressor - 415V/11 KW/10 BAR/ 500 L Rec/26.3-10.3 L/Sec FAD
AT 15VS-RM-D	Compressor - 415V/15 KW/10 BAR/ 500 L Rec/35-14 L/Sec FAD

ALTA-TEC

Two Stage Variable Speed

Key Features

- The compressor is part of the ALTA-TEC range – the newest Two Stage Ultimate Efficiency.
- Direct drive
- Made in Italy
- Variable speed (with inverter drive)
- Oil injected rotary screw compressor range
- Enjoy preventative and targeted maintenance
- Reduced lifetime cost of ownership and reduced energy costs.



Specifications

Model	Free Air Delivery @ 8 Bar		Free Air Delivery @ 10 Bar		Motor Size		Noise Level	Dimensions	Weight
	L/S	CFM	L/S	CFM	KW	HP	d(B)A	L x W x H (mm)	kg(Approx.)
AT 110VS	375-124	795-262	353-116	748-247	110	146	76	3600x2000x2250	5300
AT 132VS	450-148	953-315	432-142	916-302	132	177	76	3600x2000x2250	5500
AT 160VS	550-181	1165-385	500-165	1059-350	160	215	76	3600x2000x2250	5730
AT 200VS	678-224	1437-474	616-204	1307-431	200	270	79	4350x2250x2450	7310
AT 250VS	851-281	1803-595	752-248	1593-525	250	335	79	4350x2250x2450	8440
AT 315VS	1025-388	2172-717	933-308	1978-653	315	422	79	4350x2250x2450	8500

Oil-Free Reciprocating Air Compressors



Key Features

- Suitable for workplace use
- Enjoy 100% pure air and easy and cost-effective maintenance with this Australian built system that is both economical and durable.

Specifications

Model	Free Air Delivery		Motor Size		Max. Pressure		Cylinders	Receiver	Dimensions	Weight
	L/Min	CFM	KW	HP	KPA	(PSI)		Liters	L x W x H (mm)	kg
OFP2.2	285	10.1	2.2	3	800	116	2	150	1320 x 500 x 1030	140
OFP4	485	17.1	4	5.5	800	116	2	150	1320 x 530 x 1080	220
OFP5.5	730	25.8	5.5	7.5	800	116	3	200	1410 x 610 x 1200	240
OFP7.5	885	31.2	7.5	10	800	116	3	268	1540 x 640 x 1270	255
OFP11	1320	46.6	11	15	800	116	4	500	1890 x 750 x 1600	440

SILENT Oil-Free Reciprocating Air Compressors



Key Features

- With the economy and durability of a reciprocating system technology in a super quiet package
- Pilot Air's seal of quality ensures you can enjoy a long system service life.

Specifications

Model	Free Air Delivery		Motor Size		Max. Pressure		Cylinders	Noise Level	Dimensions	Weight
	L/Min	CFM	KW	HP	KPA	(PSI)		d(B)A	L x W x H (mm)	kg
OFP2.2SI	285	10.1	2.2	3	800	116	2	60	820 x 660 x 1090	195
OFP4SI	485	17.1	4	5.5	800	116	2	68	850 x 730 x 1060	210
OFP5.5SI	730	25.8	5.5	7.5	800	116	3	67	930 x 750 x 1360	315
OFP7.5SI	885	31.2	7.5	10	800	116	3	67	930 x 750 x 1380	330
OFP11SI	1320	46.6	11	15	800	116	4	75	1000 x 970 x 1270	365

Compressed Air Storage And Condensate Drainage Products



At Pilot Air, we offer complete compressed air solutions, including horizontal and vertical air receivers for compressed air storage.

Pilot Air Offers Horizontal and Vertical Air Receivers

Key Features

- Customised builds available
- Finished in industrial grade enamel
- Manufactured to AS1210 and provided with the manufacturer's data report
- Supplied as standard with safety valve
- Pressure gauge and manual condensate drain
- Modular horizontal platforms are available separately (at additional cost)
- Rest easy with this compressed air storage solution
- SCE-4 – 240V Solenoid automatic drain valve with burst frequency adjustment
- SCE-8 – 240V Solenoid automatic drain valve with burst frequency and duration adjustment
- SG-3003 – 240V zero loss automatic drain valve for maximum system efficiency







Horizontal Specifications

Model	Description	Dimensions
		L x W x H (mm)
3000050	Air Receiver – Horizontal/ 50 L/1100 Kpa	784x305x390
3000100	Air Receiver – Horizontal/ 100 L/1100 Kpa	1060x370x490
3000150	Air Receiver – Horizontal/ 150 L/1100 Kpa	1320x400x540
3000200	Air Receiver – Horizontal/ 200 L/1100 Kpa	1410x450x665
3000268	Air Receiver – Horizontal/ 268 L/1100 Kpa	1540x490x705
3000500	Air Receiver – Horizontal/ 500 L/1100 Kpa	1890x600x845

Vertical Specifications

Model	Capacity	Working Pressure	A	B	C	D	E	F	G	H
	(L)	(KPA)	(mm)	(mm)	(mm)	(mm)	Inches(BSP)	Inches(BSP)	Inches(BSP)	Inches(BSP)
3100150	150	1100	1550	420	400	820	1½"	2"	½"	2"
3100300	300	1100	1900	600	540	940	1½"	2"	½"	2"
3100600	600	1100	2000	600	700	880	1½"	2"	½"	2"
3101000	1000	1100	2460	800	720	1170	1½"	2"	½"	2"

Automatic Condensate Drains

Key Features

- Integral part of any compressed air system
- Allowing filters and separators to complete their functions efficiently
- The Pilot PA-68 Pneumatic Condensate Drain will not only reduce operating and maintenance costs, but maximise ease of system operation and efficiency.
- Condensate drains are an integral part of any compressed air system, allowing filters and separators to complete their functions efficiently.
- The Pilot 045-D031 Mechanical Condensate Drain Vertical Receiver will not only reduce operating and maintenance costs, but maximise ease of system operation and efficiency



Specifications

Model	Description
045-D031	Condensate Drain-Automatic/ Mechanically operated / Suit Vertical air receiver/1/2" BSP
AD-14CONR	Condensate Drain-Automatic/ Pneumatic reciprocating compressor mount / Suit up to 4 KW
SCE-4	Condensate Drain-Automatic/ Electric timed 240V / 1/8" BSP
SCE-8	Condensate Drain-Automatic/ Electric timed 240V / 1/2" BSP
SG-3003	Condensate Drain-Automatic/ Electric / ZERO LOSS / 1/2"SP
PA-68	Condensate Drain-Automatic/ Pneumatically operated / 1/2" BSP / Suit vertical air receiver

Compressed Air Treatment Products



Compressed air is a valuable source of power. It is safe, flexible and used in all areas of industry. Like any other energy source, it benefits from being clean and free from impurities. With refrigerated air dryers, compressed air filters, workshop filtration and pressure regulators, and automatic condensate drains, Pilot Air has your compressed air treatment needs covered.

TFD Refrigerated Type Dryer Series

The TFD units are built for the harshest conditions, and with Pilot Air's technical advice on dryer size, they can operate at ambient temperatures up to 50 °C and 70°C inlet air temperature.



Key Features

- Australian conditions with a flow rate based on an ambient temperature of 35°c.
- It offers a cost-effective air treatment solution, with reduced downtime, lower equipment maintenance costs and improved product finish
- Fitted with the efficient ALU-DRY heat exchanger, high-efficiency compressors, hot gas bypass valve and low-pressure drop, the system also offers reduced energy consumption.
- The FTP series meets ISO 8573.1 for the permitted amount of particles, water, and oil in the air.

Specifications

Model	Flow Rate		Power Supply	Max Pressure	Port Sizes	Dimensions	Weight
	L/S	CFM	Voltage	Bar	In/Out	W x D x H (mm)	Kg
TFD 6	9.9	21	240	16	1/2" BSP F	226x507x532	25
TFD 10	16.5	35	240	16	1/2" BSP F	226x507x532	27
TFD 15	25	53	240	16	1/2" BSP F	226x507x532	28
TFD 22	36.8	78	240	16	1/2" BSP F	226x507x532	30
TFD 30	50	106	240	14	1" BSP F	304x694x907	52
TFD 45	75	159	240	14	1-1/4" BSP F	304x694x907	57
TFD 60	100	212	240	14	1-1/4" BSP F	354x776x987	61
TFD 72	119.9	254	240	14	1-1/2" BSP F	354x776x987	67
TFD 85	141.6	300	240	14	1-1/2" BSP F	354x776x987	69
TFD 100	166.6	353	240	14	2" BSP F	483x1104x1040	135
TFD 120	200	424	415	14	2" BSP F	483x1104x1040	138
TFD 150	258	530	415	14	2" BSP F	483x1104x1040	140
TFD 180	308.2	653	415	14	2-1/2" BSP F	500x1204x1140	170
TFD 220	366.7	777	415	14	2-1/2" BSP F	500x1204x1140	181

Compressed Air Filter Regulation Combinations



Key Features

- Standard workshop type filters
- Separates moisture out of the compressed air flow with cyclonic action.
- Italian made with premium, heavy duty componentry, this system comes with metal protection cover.
- An additional feature of the Pilot Compressed Air Filter Regulator is a manual condensate drain

Specifications

Product Code	Description	Filtration Media	Max. flow Media	Max. Inlet Pressure	Adjustment Range
8541014	Filter Regulator Combination – 1/4" BSP cw Gauge and Bracket	5 Micron	30 L/Sec	10 BAR	0-10 BAR
8541012	Filter Regulator Combination – 1/2" BSP cw Gauge and Bracket	5 Micron	83 L/Sec	10 BAR	0-12 BAR

FT Series Filtration



Key Features

- The protected filter head and bowl threads of the FT Series filtration allows for easy bowl removal for element replacement.
- The large cross section of flow channels ensures reduced pressure drop, while the pressure relief device allows for safe removal of the filter bowl.
- Additional features include a hexagonal filter bowl clamp ring and anodised aluminium filter bodies (inside and out) to prevent corrosion.
- External surfaces are powder coated, plus modular facility for simple series connection of multiple filters or wall mounting.
- The FT series meets ISO 8573.1 for the permitted amount of particles, water, and oil in the air.
- **3 Micron Industrial Air Filter Series P**
  Filter capable of separating emulsion and particles down to 3 microns.
- **1 Micron Industrial Air Filter Series S**
  Filter capable of separating particles down to 1 micron, liquid and oil included. Maximum contents of residual oil 0.1 mg/m³.
- **0.01 Micron Industrial Air Filter Series X**
  Oil removing filter capable of separating residual oil and extremely small particles down to 0.01 micron. Maximum content of residual oil 0.01 mg/m³. It produces air technically free from oil.
- **Activated Carbon Industrial Air Filter Series Z**
  Activated carbon filter for the elimination of oil vapours and odour. When installed after a (X) grade filter, it lowers the maximum contents of residual oil to 0.005 mg/m.



Specifications

Product Code	Flow Rate		Connections	Cartridge Model	Dimensions (mm)				Weight
FT	(L)	(KPA)	BSP-F		A	B	C	D	Kg
FT(*) 008	14.1	30	G 3/8"	T(*) 008	85	187	60	22	0.77
FT(*) 012	19.8	42	G 1/2"	T(*) 012	85	187	60	22	0.77
FT(*) 018	30.6	65	G 3/4"	T(*) 018	85	256	80	22	0.88
FT(*) 030	54.7	116	G 1"	T(*) 030	125	263	100	32	2.2
FT(*) 055	91.5	194	G 1 1/2"	T(*) 055	125	362	120	32	2.6
FT(*) 080	134.9	286	G 1 1/2"	T(*) 080	125	452	140	32	2.9
FT(*) 120	208.1	441	G 1 1/2"	T(*) 120	125	643	160	32	3.7
FT(*) 160	279.8	593	G 2"	T(*) 160	160	695	520	45	7.4
FT(*) 250	433.2	918	G 2 1/2"	T(*) 250	160	935	770	45	10
FT(*) 400	699.8	1,483	G 3"	T(*) 400	250	1,170	780	60	25

*(P,X,S or Z)

pilotair
The Compressed Air Experts

Contact Us for pricing & availability

NSW

Head Office & Manufacturing
115 Beaconsfield Street,
Silverwater, Sydney NSW 2128

Service and Spares Division
21-25 Stubbs Street,
Auburn, Sydney NSW 2144

VIC Branch	1300 667 579
QLD Branch	07 3279 1213
WA Branch	08 9424 2800
SA Branch	1300 667 579
Website	www.pilotair.com.au
Email	sales.pilotair.com.au

SUBMIT AN ENQUIRY

