



INDUSTRIAL COMPRESSOR GUIDE



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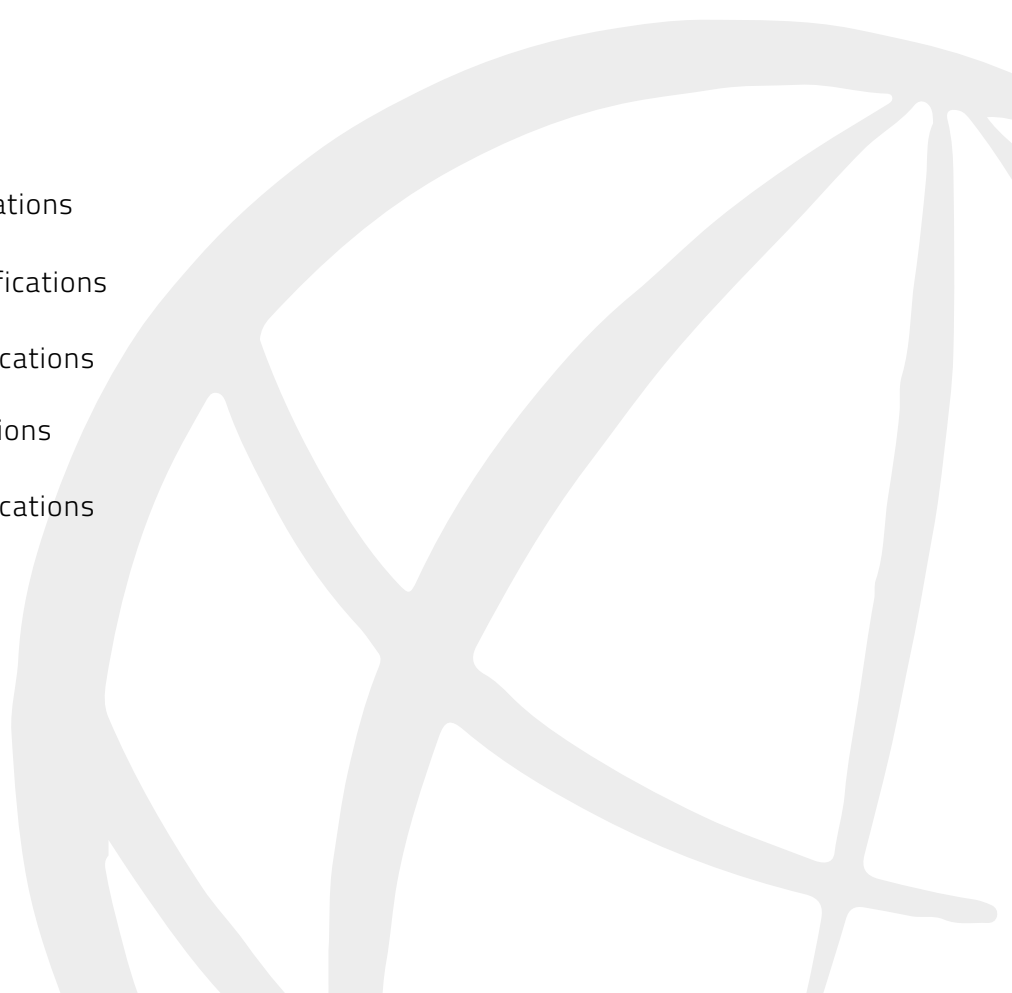


INDUSTRIAL
AIR SYSTEMS NZ

TRANSPARENCY • RELIABILITY • COMMITMENT

CONTENTS

3-8	Layout Guides
9	Air Quality Standards
10	Overview - PM Series + EPM2 Series permanent magnet, variable speed
11	Overview - D Series + II Series Fixed Speed Compressions
12	Overview - GPM Oil-Free Series
13	Overview - Air Receivers
14	Overview Refrigerated Dryers
15	Overview Filtration
16	Overview of Water/Oil Separation.
17-25	RSCR PM Series Specifications
26-29	RSCR EPM2 Series Specifications
30-35	RSCR HPM Series Specifications
36-47	RSCR D Series Specifications
48-57	RSCR GPM Series Specifications

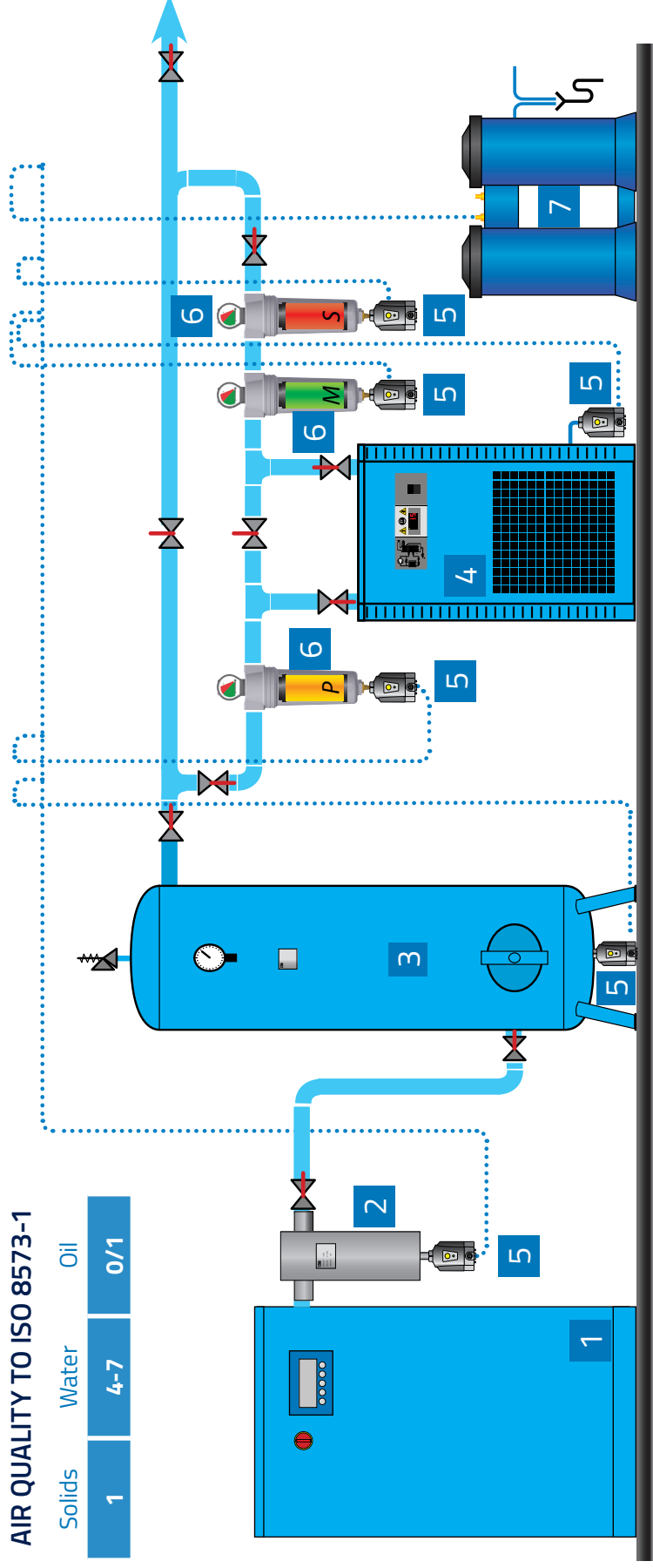


Solids	Water	Oil
1	4-7	0/1
2	4-7	2


Industrial Compressor Guide

AIR QUALITY TO ISO 8573-1

Solids	Water	Oil
1	4-7	0/1



1

COMPRESSOR

The basic working principle of an air compressor is to compress atmospheric air, which is then used as per the requirements. In the process, atmospheric air is drawn in through an intake valve; more and more air is pulled inside a limited space mechanically by means of piston, impeller, or vane.

Since the amount of pulled atmospheric air is increased in the receiver or storage tank, volume is reduced and pressure is raised automatically. In simpler terms, free or atmospheric air is compressed after reducing its volume and at the same time, increasing its pressure.

There are three major types, namely, reciprocating, rotary, and centrifugal compressor.

2

CYCLONE CONDENSATE SEPARATOR

Cyclone condensate separators use centrifugal motion to force liquid water out of compressed air. The spinning causes the condensate to join together on the centrifugal separators walls. When the condensate gains enough mass it falls to the bottom of the separators bowl where it pools in the sump until it is flushed out of the system by the automatic float drain valve.

They are installed following aftercoolers to remove the condensed moisture.

3

PRESSURE VESSEL

Pressure vessel plays very important role in compressed air system:

- Damping pulsations caused by reciprocating compressors.
- Providing a location for free water and lubricant to settle from the compressed air stream.
- Supplying peak demands from stored air without needing to run an extra compressor.
- Reducing load/unload or start/stop cycle frequencies to help screw compressors run more efficiently and reduce motor starts.
- Slowing system pressure changes to allow better compressor control and more stable system pressures.

4

COMPRESSED AIR DRYER

Compressed air leaving the compressor aftercooler and moisture separator is normally warmer than the ambient air and fully saturated with moisture. As the air cools, the moisture will condense in the compressed air lines. Excessive entrained moisture can result in undesired pipe corrosion and contamination at point of end use.

For this reason some sort of air dryer is normally required. Some end use applications require very dry air, such as compressed air distribution systems where pipes are exposed to winter conditions. Drying the air to dew points below ambient conditions is necessary to prevent ice buildup, and contamination at point of end use.

5

CONDENSATE DRAIN

Failed drains can allow slugs of moisture to flow downstream, that can overload the air dryer and foul end use equipment.

9

FILTER

Compressed air filters are used for high efficient removal of solid particles, water, oil aerosols, hydrocarbons, odour and vapours from compressed air systems.

To meet the required compressed air quality, appropriate filter element must be installed into filter housing.

7

OIL/WATER SEPARATOR

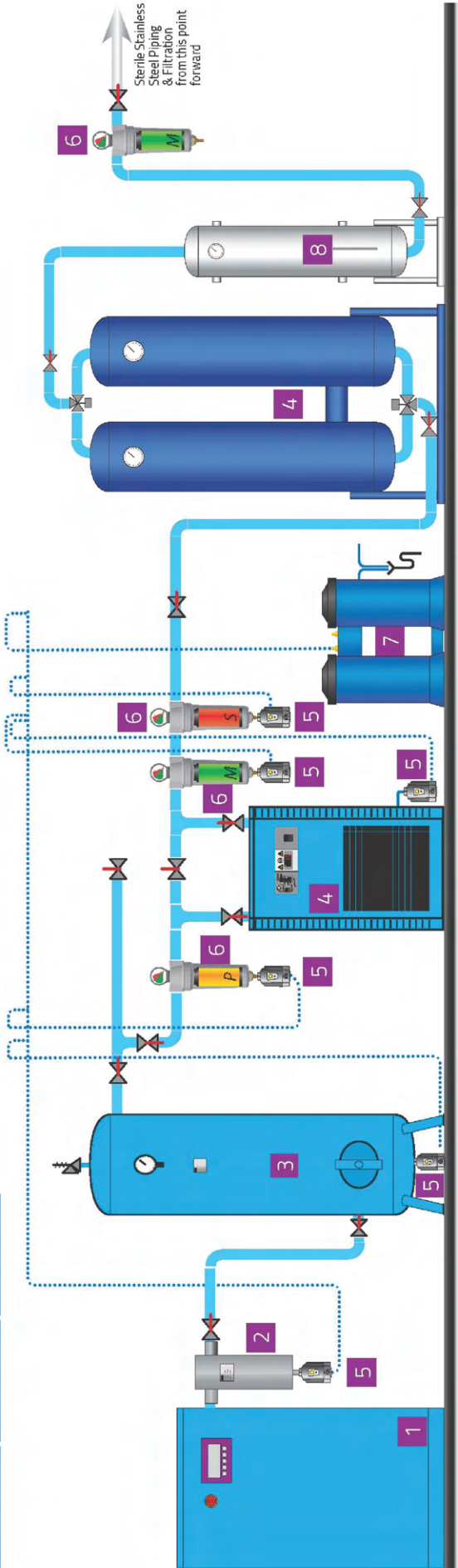
Local environmental laws and regulations state that condensate drained from compressed air systems cannot be returned to the sewage system due to the content of compressor lubricating oil.

Water/oil separators are one of the most effective and economical solution. Multistage separation process using oleophilic filters and activated carbon, ensures exceptional performance and trouble free operation.

AIR QUALITY TO ISO 8573-1

Solids Water Oil

2	1-3	0/1
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8

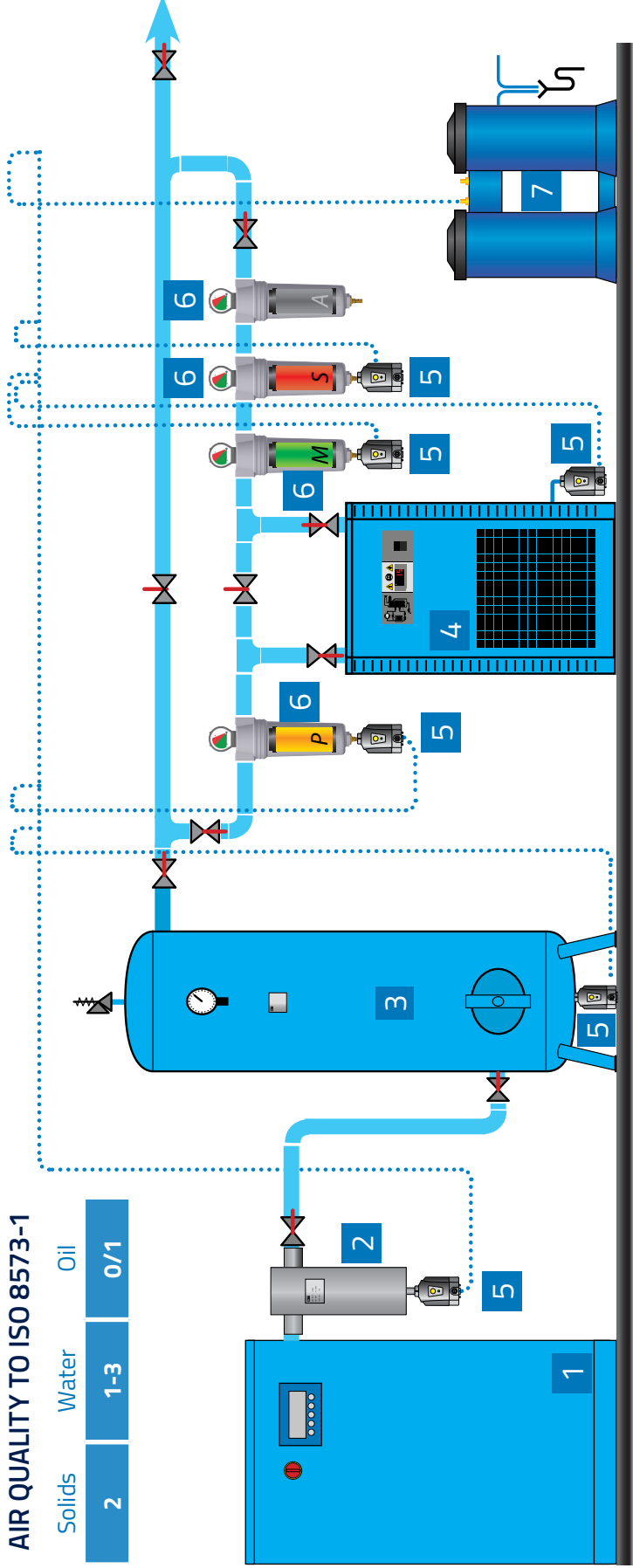
ACTIVATED CARBON TOWER

Activated carbon tower eliminates hydrocarbon vapours and odours from compressed air. Towers are filled with activated carbon adsorbent that adsorbs contaminants onto the surface of its internal pores. Activated carbon towers are used at applications where content of oil vapours needs to be reduced to minimum. Activated carbon towers can be incorporated in existing compressed air systems, significantly minimising the risks of contamination.

COMPRESSED AIR LAYOUT GUIDE - Sterile & Process Air Layout

AIR QUALITY TO ISO 8573-1

Solids	Water	Oil
2	1-3	0/1



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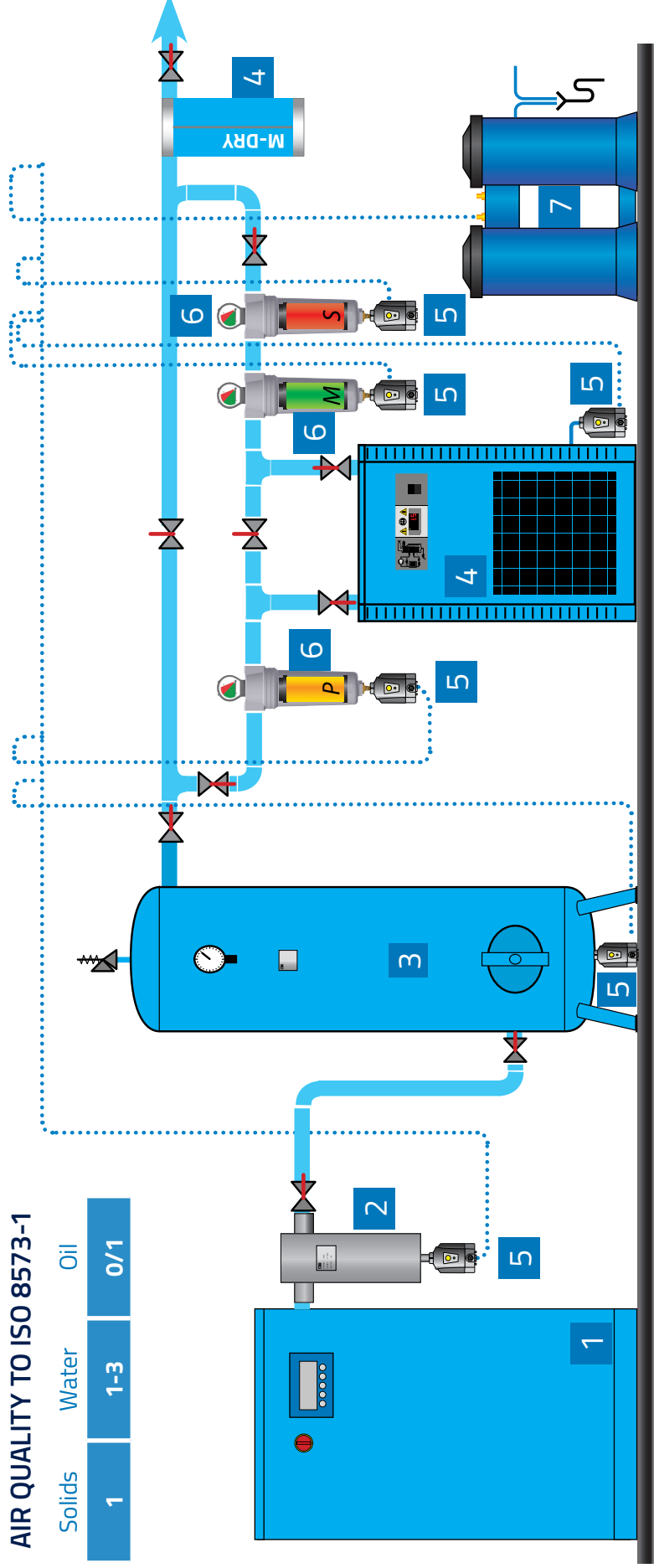
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COMPRESSED AIR LAYOUT GUIDE - Breathing Air Layout

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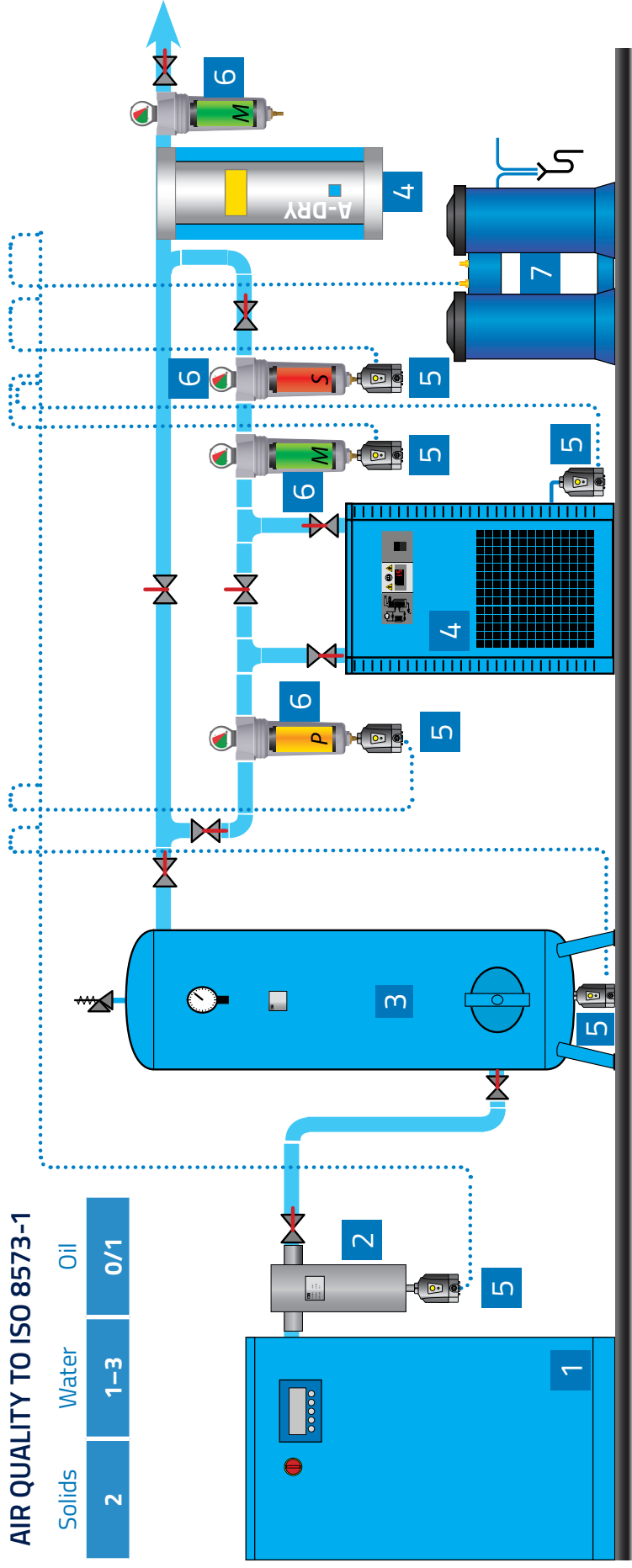
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ISO (International Standards Organisation) is a global network that brings together experts to share knowledge and develop market-relevant International Standards that support innovation and provide solutions to global challenges. The International Standards they create provide world-class specifications for products, services and systems, to ensure quality, safety and efficiency.

There are three standards developed by the ISO which refer to compressed air quality and testing. These are:

1. ISO 8573 Series
2. ISO 12500 Series
3. ISO 7183

The most referred to and commonly used of the standards is the ISO 8573 Series, particularly ISO 8573-1:2010. This specifies the quality or 'purity' that compressed air needs to be at.

ISO 8573-1:2010 is the primary document used from the ISO 8573 series. It lists the three main contaminants of compressed air as Solid Particulates, Water and Oil. The purity levels for each contaminant are shown in the table below.

When checking compressed air quality, the standard must always be referred to, followed by the purity class selected for each contaminant.

CLASS	SOLID PARTICLES			HUMIDITY AND LIQUID WATER		OIL	
	Maximum number of particles per cubic meter as a function of particle size, $d^{(2)}$			Pressure dew point		Concentration of total oil ⁽²⁾ (liquid, aerosol and vapour)	
	$0,1 \mu\text{m} < d \leq 0,5 \mu\text{m}$	$0,5 \mu\text{m} < d \leq 1,0 \mu\text{m}$	$1,0 \mu\text{m} < d \leq 5,0 \mu\text{m}$	$^{\circ}\text{C}$	$^{\circ}\text{F}$	mg/m ³	ppm/w/w
0	As specified by the equipment user or supplier and more stringent than class 1						
1	≤ 20.000	≤ 400	≤ 10	≤ -70	-94	$\leq 0,01$	$\leq 0,008$
2	≤ 400.000	≤ 6.000	≤ 100	≤ -40	-40	$\leq 0,1$	$\leq 0,08$
3	Not specified	≤ 90.000	≤ 1.000	≤ -20	-4	≤ 1	$\leq 0,8$
4	Not specified	Not specified	≤ 10.000	$\leq +3$	38	≤ 5	≤ 4
5	Not specified	Not specified	≤ 100.000	$\leq +7$	45	Not specified	Not specified
6				$\leq \pm 10$	50		
	Mass concentration ⁽²⁾ - C_p			LIQUID WATER CONTENT ⁽²⁾ - C_w			
	mg/m ³			g/m ³			
6	$0 < C_p \leq 5$					Not specified	Not specified
7	$5 < C_p \leq 10$			$C_w \leq 0,5$		Not specified	Not specified
8	Not specified			$0,5 \leq C_w \leq 5$		Not specified	Not specified
9	Not specified					Not specified	Not specified
X	$C_p > 10$					> 5	> 4

⁽¹⁾ To qualify for a class designation, each size range and particle number within a class shall be met.

⁽²⁾ At reference conditions: air temperature of 20° C, absolute air pressure of 100 kPa (1 bar), 0 relative water vapour pressure.

Features for PM, EPM (2), EPM(H) Series

RSCRPM/EPM2 Permanent Magnet series (includes the vixen compressors)

Permanent Magnet Motor Technology

- ✓ IE4 High efficiency
- ✓ IP65 Protection, fully enclosed/
- ✓ Maintenance free with sealed bearings

Direct Transmission Airend/Motor

- ✓ 1:1 high efficiency transmission
- ✓ Taper female/male shaft
- ✓ Over 100,000 run hours before service

VSD Inverter

- ✓ Large 25% turndown
- ✓ VSD cooling fan (> 22kw)

Superior Longevity

- ✓ Oversized , slow revving air end
- ✓ Oversized Coolers

Certifications

- ✓ CE, AS1210 Certification
- ✓ ISO, SGS Performance Compliance

Guarantee

- ✓ RSCR10/15/20PM - PneuAssure standard 12 month warranty + 10 year Guarantee on key components subject to Master Maintenance Agreement*
- ✓ RSCR30-100PM - PneuAssure standard 12 month warranty + 10 year Guarantee on key components subject to Master Maintenance Agreement*
- ✓ RSCR125EPM + - PneuAssure standard 12 month warranty + 10 year Guarantee on key components subject to Master Maintenance Agreement*



* Terms & conditions apply to extended warranties, including components covered, operating hours etc. Please contact Industrial Air Systems for more information

Features for D Series

RSCR-D Fixed speed series

TEFC Motor

- ✓ IP54/55 Protection
- ✓ F Level Insulation
- ✓ B Level temperature rise

High Efficiency Air End

- ✓ Asymmetric Design
- ✓ 5:6 profile rotors
- ✓ Over sized

Direct Transmission

- ✓ 1:1 High Efficiency transmission
- ✓ Soft coupling drive

Superior Longevity

- ✓ Oversized , slow revving air end
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Certifications

- ✓ CE, AS1210 Certification
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Features for GPM Oil-Free Series

RSCR-GPM Oil-Free series

Oil-Free Air

- ✓ Dry air end – complete absence of oil in compressed air chamber
- ✓ Class-0 compressed air quality guarantee

2-Stage Airend

- ✓ Increased efficiency
- ✓ Utilising Teflon-coated rotors

Permanent Magnet Motor Technology

- ✓ IE4 High efficiency
- ✓ IP65 Protection, fully enclosed
- ✓ Maintenance free with sealed bearings

Geared Transmission Airend/Motor

- ✓ Geared drive high efficiency transmission
- ✓ Long maintenance intervals

VSD Inverter

- ✓ Large 30% turndown
- ✓ VSD cooling fan (> 22kw)

Superior Longevity

- ✓ Oversized , slow revving air end
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Features For Air Receivers



Design Standard and Certification;

- ✓ CE, TUV, NORD, Lloyds
- ✓ NZ Seismic Certification
- ✓ Australian & New Zealand Standard AS1210 Design Verification

Finish

- ✓ Powder Coat
- ✓ C4-High Paint
- ✓ Electro Galvanised
- ✓ Stainless Steel 304 or 316

Ports

- ✓ BSP or Flanged

Pressures

- ✓ 11 bar (standard), 16 bar, 40 bar

MODEL	CAPACITY (LTR)	DIAMETER (MM)	HEIGHT (MM)
LT270V	270 Ltr	550	1500
LT500V	500 Ltr	600	2000
LT1000V	1,000 Ltr	850	2300
LT1500V	1,500 Ltr	960	2350
LT2000V	2,000 Ltr	1150	2350
LT3000V	3,000 Ltr	1400	2390
LT4000V	4,000 Ltr	1600	2510
LT5000V	5,000 Ltr	1600	3010
LT6000V	6,000 Ltr	1600	3500
LT7000V	7,000 Ltr	1600	4000
LT8000V	8,000 Ltr	1600	4500

All above are vertical receivers, horizontal available on request
Larger sizes up to 100,000 Ltr available on request

Features for Refrigerated Dryers

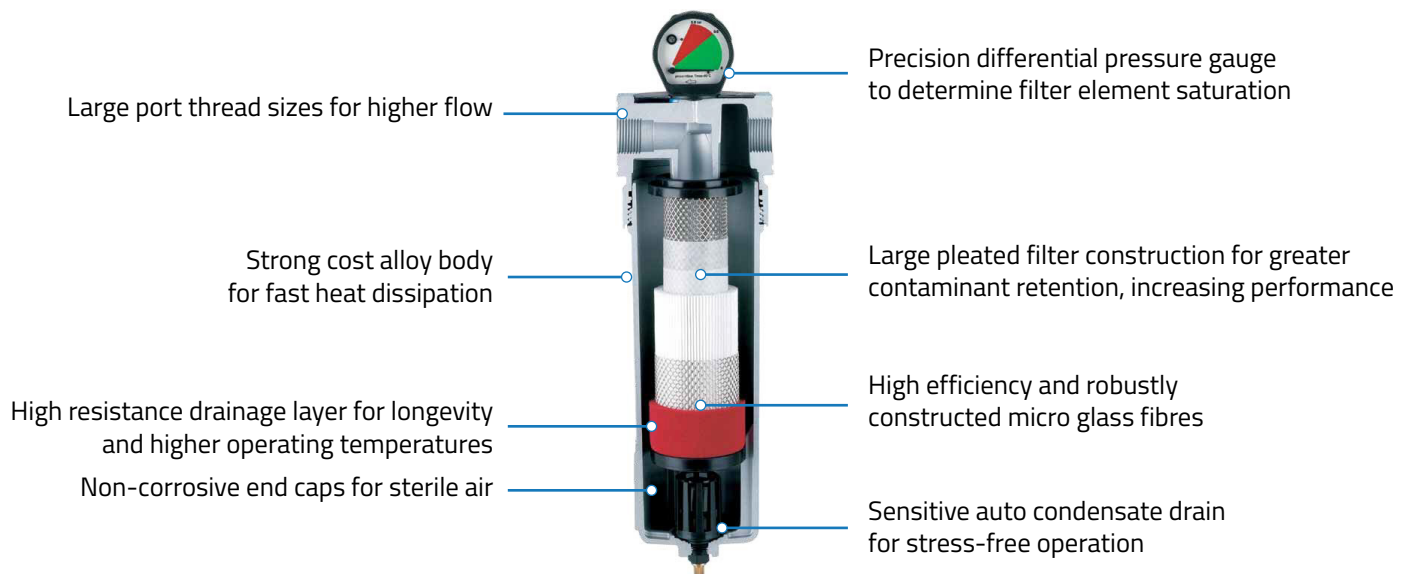


Controller: DMC35 Modbus RS485
 Refrigerant Type: R513A
 Dew Point: +3° C
 Condensate Drain: Electronic timed
 Ambient Temperature: +45° C
 Max Inlet Pressure: 16 bar
 Max Inlet Air Temperature: +55° C
 High efficiency heat exchanger
 Low pressure drop

Correction Factors

Inlet air pressure (bar)	4	5	6	7	8	9	10	11
Factor	0.77	0.86	0.93	1.00	1.05	1.14	1.21	1.27
Ambient temperature (°C)	<25		30	35		40	45	
Factor	1		0.95	0.88		0.79	0.68	
Inlet air temperature (°C)	<30		35	40		45	50	55
Factor	1.11		1.00	0.81		0.67	0.55	0.45
Dew point (°C)	4		5		7		10	
Factor	1.11		1.00		1.10		1.26	

Features/Overview Filtration

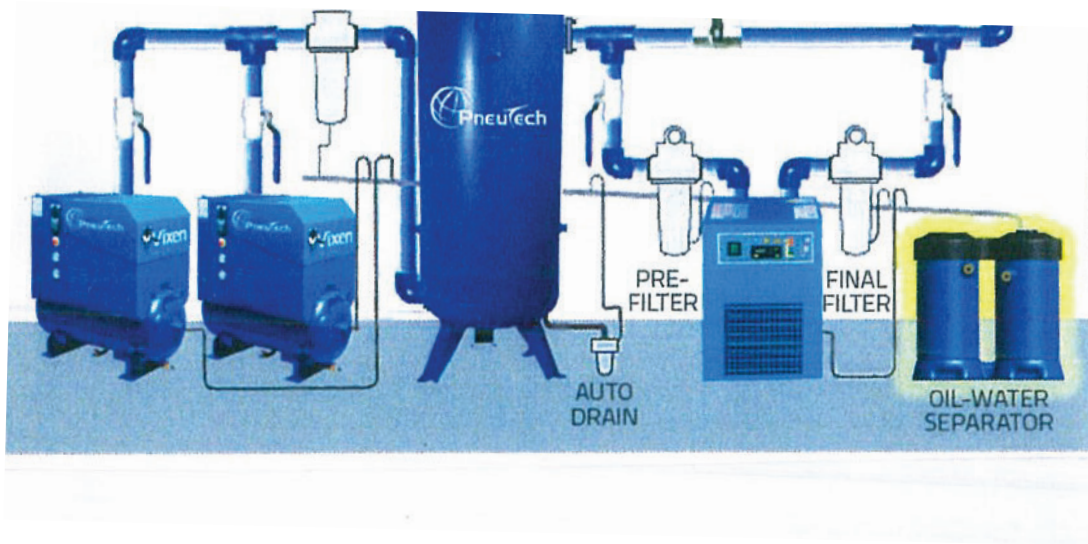


TECHNICAL DATA										FILTER ELEMENTS				
Filter housing size	Pipe size	Max. oper. press.	Flow rate at 7 bar(g), 20 °C		Dimensions [mm]				Mass	P pre-filter 3 µm	M microfilter 0,1 µm	S microfilter 0,01 µm	A activated carbon	MS ² molecular sieve
	inch	[bar/psi]	Nm ³ /h	scfm	A	B	C	D	kg					
AF 0056	3/8"	16/232	60	35	192	88	25	60	0,6	06050 P	06050 M	06050 S	06050 A	-
AF 0076	1/2"	16/232	78	46	192	88	25	60	0,6	07050 P	07050 M	07050 S	07050 A	07050 MS
AF 0106	3/4"	16/232	120	70	262	88	25	80	0,7	14050 P	14050 M	14050 S	14050 A	14050 MS
AF 0186	1"	16/232	198	116	264	125	39	100	1,2	12075 P	12075 M	12075 S	12075 A	12075 MS
AF 0306	1"	16/232	335	197	364	125	39	120	1,6	22075 P	22075 M	22075 S	22075 A	22075 MS
AF 0476	1 1/2"	16/232	510	300	464	125	39	140	1,9	32075 P	32075 M	32075 S	32075 A	32075 MS
AF 0706	1 1/2"	16/232	780	459	644	125	39	160	2,6	50075 P	50075 M	50075 S	50075 A	50075 MS
AF 0946	2"	16/232	1000	588	696	164	50	520	5,7	51090 P	51090 M	51090 S	51090 A	-
AF 1506	2"	16/232	1500	882	943	164	50	770	7,6	76090 P	76090 M	76090 S	76090 A	-
AF 1756	2 1/2"	16/232	1680	990	943	164	50	770	7,3	76090 P	76090 M	76090 S	76090 A	-
AF 2006	3"	16/232	2160	1270	801	242	60	630	14,1	51140 P	51140 M	51140 S	51140 A	-
AF 2406	3"	16/232	2760	1620	998	242	60	780	16,7	75140 P	75140 M	75140 S	75140 A	-
quality class - solids (ISO 8573-1)										6	2	1	1 ³⁾	1
residual oil content [mg/m ³]										-	<0,1	<0,01	<0,005	-
quality class - oils (ISO 8573-1)										-	2	1	1	-
pressure drop - new element [mbar / psi]										10 / 0,145	50 / 0,725	80 / 1,160	60 / 0,870	< 50 / 0,725
change filter cartridge at pressure drop [mbar / psi]										350 / 5,07	350 / 5,07	350 / 5,07	6 months ²⁾	
filter material										acrylic fibres, cellulose			borosilicate micro fibres	
pleated version										✓	✓	✓	-	✓
wrapped version										-	-	-	✓	-
sintered version										-	-	-	-	-
min. operating temperature (°C / °F)										1,5 / 35	1,5 / 35	1,5 / 35	1,5 / 35	1,5 / 35
max. operating temperature (°C / °F)										65 / 149	65 / 149	65 / 149	45 / 113	45 / 113

CORRECTION FACTORS															
Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

- ¹⁾ "B" filter element can be cleaned with ultrasonic bath or with back flushing. Intervals of cleaning depends of application. If necessary replace filter element with new one.
- ²⁾ Filter elements "A, A, H²", must be changed periodically to suit application, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.
- ³⁾ Valid if "S" filter cartridge is installed upstream.
- ⁴⁾ For elements A, H² and MS² it is necessary to reduce the flow according to technical data sheet specification.

Features/Overview Of Oil/Water Separators



ADVANTAGES

- No complex sizing required.
- Simple to install.
- Works with any type of condensate drain.
- Can handle and separate any type of oil.
- Oil residue value is less than 10 ppm. 1ff Easy to maintain.
- No condensate settling tank is required (therefore there is no bacteria build-up).
- Small compact design.
- Test valve and test set included for sampling purposes.

PNEUTECH RSCR10PM VIXEN



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COMPRESSOR SPECS

MODEL	Pneutech RSCR10PM Vixen
TYPE	Permanent Magnet Screw Compressor + Receiver
HP/KW	10HP, 7.5kW
MOTOR RATING	IP65
FULL LOAD CURRENT @ 400 V	15 A
START LOAD CURRENT @ 400 V	15 A
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	0.3-1.1 m ³ /min, 38.8 cfm @ 8 bar
	0.23-0.9 m ³ /min, 31.7 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	RC 1/2"
WEIGHT	280kg
DIMENSIONS	1240mm L x 550mm W x 1020mm H
AIR RECEIVER CAPACITY	130 Ltr
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF10
AIR FLOW	1.2 m ³ /min, 42 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.14 barg
INLET/OUTLET SIZE	G 1/2" BSP-F
COOLING AIR FAN FLOW	5 m ³ /min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.21kW, 1.4A
DIMENSIONS	515mm L x 370mm W x 475mm H
WEIGHT	28 kg
CLEARANCE	min 500mm sides and rear

FILTRATION

MODEL	PAF007
FLOW RATE	1.3 Nm ³ /min, 46 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1/2"
CYCLONE SEPARATOR	PCKL007 element
GRADES	P = 3 micron prefilter
	M = 0.1 micron coalescing
	S = 0.01 micron coalescing
	A = carbon

WATER/OIL SEPARATOR

MODEL	WOSm1
AIR FLOW - COLD ZONE 15°C, 60% RH	1.23 Nm ³ /min, 43.05 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	1.08 Nm ³ /min, 37.8 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	0.62 Nm ³ /min, 21.9 cfm
DIMENSIONS	106mm Dia x 483mm H

PNEUTECH RSCR15PM VIXEN



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COMPRESSOR SPECS

MODEL	Pneutech RSCR15PM Vixen
TYPE	Permanent Magnet Screw Compressor + Receiver
HP/KW	15HP, 11kW
MOTOR RATING	IP65
FULL LOAD CURRENT @ 400 V	22 A
START LOAD CURRENT @ 400 V	22 A
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	0.43-1.7 m ³ /min, 60 cfm @ 8 bar
	0.38-1.5 m ³ /min, 52.9 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	RC 1/2"
WEIGHT	320kg
DIMENSIONS	1250mm L x 605mm W x 1115mm H
AIR RECEIVER CAPACITY	130 Ltr
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7barg and 35°C, and 5°C pressure dew point (~20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF15
AIR FLOW	1.8 m ³ /min, 64 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.32 barg
INLET/OUTLET SIZE	G 1/2" BSP-F
COOLING AIR FAN FLOW	5 m ³ /min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.29kW, 1.9A
DIMENSIONS	515mm L x 370mm W x 475mm H
WEIGHT	32 kg
CLEARANCE	min 500mm sides and rear

FILTRATION

MODEL	PAF010
FLOW RATE	2 Nm ³ /min, 70 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	3/4"
CYCLONE SEPARATOR	PCKL010 element
GRADES	P = 3 micron prefilter
	M = 0.1 micron coalescing
	S = 0.01 micron coalescing
	A = carbon

WATER/OIL SEPARATOR

MODEL	WOSm2
AIR FLOW - COLD ZONE 15°C, 60% RH	2.54 Nm ³ /min, 88.9 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	2.23 Nm ³ /min, 78.05 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	1.28 Nm ³ /min, 45.2 cfm
DIMENSIONS	106mm Dia x 816mm H

PNEUTECH RSCR20PM VIXEN



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COMPRESSOR SPECS

MODEL	Pneutech RSCR20PM Vixen
TYPE	Permanent Magnet Screw Compressor + Receiver
HP/KW	20HP, 15kW
MOTOR RATING	IP65
FULL LOAD CURRENT @ 400 V	30 A
START LOAD CURRENT @ 400 V	30 A
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	0.575-2.3 m ³ /min, 81.2 cfm @ 8 bar
	0.525-2.1 m ³ /min, 74.1 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	RC 1/2"
WEIGHT	320kg
DIMENSIONS	1250mm L x 605mm W x 1115mm H
AIR RECEIVER CAPACITY	130 Ltr
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF20
AIR FLOW	2.5 m ³ /min, 88 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.24 barg
INLET/OUTLET SIZE	G 1" BSP-F
COOLING AIR FAN FLOW	5 m ³ /min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.39kW, 2.4A
DIMENSIONS	420mm L x 345mm W x 740mm H
WEIGHT	34 kg
CLEARANCE	min 500mm sides and rear

FILTRATION

MODEL	PAF018
FLOW RATE	3.3 Nm ³ /min, 116 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1"
CYCLONE SEPARATOR	PCKL017 element
GRADES	P = 3 micron prefilter
	M = 0.1 micron coalescing
	S = 0.01 micron coalescing
	A = carbon

WATER/OIL SEPARATOR

MODEL	WOSm2
AIR FLOW - COLD ZONE 15°C, 60% RH	2.54 Nm ³ /min, 88.9 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	2.23 Nm ³ /min, 78.05 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	1.28 Nm ³ /min, 45.2 cfm
DIMENSIONS	106mm Dia x 816mm H

PNEUTECH RSCR30PM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR30PM
TYPE	Permanent Magnet Screw Compressor
HP/KW	30HP, 22kW
MOTOR RATING	IP65
FULL LOAD CURRENT @ 400 V	38 A
START LOAD CURRENT @ 400 V	38 A
RPM	750 min / 3000 max
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	1.04-3.6 m ³ /min, 127 cfm @ 8 bar 0.8-3.2 m ³ /min, 113 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	RC 1"
WEIGHT	450kg
DIMENSIONS	1200mm L x 800mm W x 1100mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	742mm x 642mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF30
AIR FLOW	4.3 m ³ /min, 152 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.24 barg
INLET/OUTLET SIZE	G 1-1/4" BSP-F
COOLING AIR FAN FLOW	6.33 m ³ /min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.71kW, 3.3A
DIMENSIONS	445mm L x 345mm W x 740mm H
WEIGHT	40 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT500V
VOLUME	500 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	600mm D x 2000mm H
WEIGHT	150kg

FILTRATION

MODEL	PAF030
FLOW RATE	5.6 Nm ³ /min, 197 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1"
CYCLONE SEPARATOR	PCKL030 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS4
AIR FLOW - COLD ZONE 15°C, 60% RH	4.82 Nm ³ /min, 170 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	4.04 Nm ³ /min, 142 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	2.05 Nm ³ /min, 72.3 cfm
DIMENSIONS	416mm W x 243mm L x 411mm H

PNEUTECH RSCR40PM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR40PM
TYPE	Permanent Magnet Screw Compressor
HP/KW	40HP, 30kW
MOTOR RATING	IP65
FULL LOAD CURRENT @ 400 V	51 A
START LOAD CURRENT @ 400 V	51 A
COOLING TYPE	1000 min / 3900 max
POWER SUPPLY	Air cooled
FLOW RATE	400V, 50Hz
	1.25-5 m3/min, 176.5 cfm @ 8 bar
PRESSURE	1.1-4.2 m3/min, 148 cfm @ 10 bar
OUTLET SIZE	8 bar, 10 bar options
WEIGHT	RC 1"
DIMENSIONS	480kg
AIR RECEIVER CAPACITY	1200mm L x 800mm W x 1100mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	802mm x 642mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF40
AIR FLOW	5.2 m3/min, 184 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.34 barg
INLET/OUTLET SIZE	G 1-1/4" BSP-F
COOLING AIR FAN FLOW	6.7 m3/min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.72kW, 3.5A
DIMENSIONS	455mm L x 485mm W x 825mm H
WEIGHT	49 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT500V
VOLUME	500 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	600mm D x 2000mm H
WEIGHT	150kg

FILTRATION

MODEL	PAF047
FLOW RATE	8.5 Nm3/min, 300 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1-1/2"
CYCLONE SEPARATOR	PCKL047 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS8
AIR FLOW - COLD ZONE 15°C, 60% RH	10.0 Nm3/min, 353 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	8.4 Nm3/min, 296 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	4.25 Nm3/min, 150 cfm
DIMENSIONS	730 mm W x 343 mm L x 680 mm H

PNEUTECH RSCR50PM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR50PM
TYPE	Permanent Magnet Screw Compressor
HP/KW	50HP, 37kW
MOTOR RATING	IP65
FULL LOAD CURRENT @ 400 V	61 A
START LOAD CURRENT @ 400 V	61 A
COOLING TYPE	750 min / 3000 max
POWER SUPPLY	Air cooled
FLOW RATE	400V, 50Hz
	1.6-6.3 m3/min, 222 cfm @ 8 bar
PRESSURE	1.4-5.6 m3/min, 198 cfm @ 10 bar
OUTLET SIZE	8 bar, 10 bar options
WEIGHT	RC 1-1/4"
DIMENSIONS	610kg
AIR RECEIVER CAPACITY	1300mm L x 900mm W x 1270mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	855mm x 691mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF50
AIR FLOW	6.1 m3/min, 216 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.19 barg
INLET/OUTLET SIZE	G 1-1/2" BSP-F
COOLING AIR FAN FLOW	6.7 m3/min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.82kW, 4.2A
DIMENSIONS	580mm L x 555mm W x 885mm H
WEIGHT	54 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT1000V
VOLUME	1,000 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	850mm D x 2300mm H
WEIGHT	240kg

FILTRATION

MODEL	PAF047
FLOW RATE	8.5 Nm3/min, 300 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1-1/2"
CYCLONE SEPARATOR	PCKL047 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS8
IR FLOW - COLD ZONE 15°C, 60% RH=	10.0 Nm3/min, 353 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	8.4 Nm3/min, 296 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	4.25 Nm3/min, 150 cfm
DIMENSIONS	730 mm W x 343 mm L x 680 mm H

PNEUTECH RSCR60PM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR60PM
TYPE	Permanent Magnet Screw Compressor
HP/KW	60HP, 45kW
MOTOR RATING	IP65
FULL LOAD CURRENT @ 400 V	74 A
START LOAD CURRENT @ 400 V	74 A
RPM	750 min / 3000 max
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	1.8-7.2 m ³ /min, 254 cfm @ 8 bar 1.8-7.1 m ³ /min, 251 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	RC 1-1/4"
WEIGHT	650kg
DIMENSIONS	1300mm L x 950mm W x 1370mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	871mm x 761mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF60
AIR FLOW	7.5 m ³ /min, 265 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.25 barg
INLET/OUTLET SIZE	G 1-1/2" BSP-F
COOLING AIR FAN FLOW	7.5 m ³ /min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.71kW, 3.4A
DIMENSIONS	580mm L x 555mm W x 885mm H
WEIGHT	56 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT1000V
VOLUME	1,000 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	850mm D x 2300mm H
WEIGHT	240kg

FILTRATION

MODEL	PAF047
FLOW RATE	8.5 Nm ³ /min, 300 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1-1/2"
CYCLONE SEPARATOR	PCKL047 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS8
AIR FLOW - COLD ZONE 15°C, 60% RH	10.0 Nm ³ /min, 353 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	8.4 Nm ³ /min, 296 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	4.25 Nm ³ /min, 150 cfm
DIMENSIONS	730 mm W x 343 mm L x 680 mm H

PNEUTECH RSCR75PM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR75PM
TYPE	Permanent Magnet Screw Compressor
HP/KW	75HP, 55kW
MOTOR RATING	IP65
FULL LOAD CURRENT @ 400 V	109 A
START LOAD CURRENT @ 400 V	109 A
RPM	750 min / 3000 max
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	2.5-10.1 m ³ /min, 356 cfm @ 8 bar 2.1-8.4 m ³ /min, 296 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	RC 2"
WEIGHT	1230kg
DIMENSIONS	1800mm L x 1200mm W x 1550mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	1240mm x 940mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF75
AIR FLOW	10.5 m ³ /min, 371 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.14 barg
INLET/OUTLET SIZE	G 2" BSP-F
COOLING AIR FAN FLOW	31.2 m ³ /min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.92kW, 4.3A
DIMENSIONS	625mm L x 555mm W x 975mm H
WEIGHT	94 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT1500V
VOLUME	1,500 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	960mm D x 2350mm H
WEIGHT	390kg

FILTRATION

MODEL	PAF070
FLOW RATE	13 Nm ³ /min, 459 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1-1/2"
CYCLONE SEPARATOR	PCKL070 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS20
AIR FLOW - COLD ZONE 15°C, 60% RH	24.4 Nm ³ /min, 861 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	20.5 Nm ³ /min, 723 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	10.37 Nm ³ /min, 366 cfm
DIMENSIONS	820 mm W x 366 mm L x 940 mm H

PNEUTECH RSCR100PM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR100PM
TYPE	Permanent Magnet Screw Compressor
HP/KW	100HP, 75kW
MOTOR RATING	IP65
FULL LOAD CURRENT @ 400 V	140 A
START LOAD CURRENT @ 400 V	140 A
RPM	750 min / 3000 max
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	3.2-12.9 m ³ /min, 455 cfm @ 8 bar 2.9-11.8 m ³ /min, 416 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	RC 2"
WEIGHT	1280kg
DIMENSIONS	1800mm L x 1200mm W x 1550mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	1240mm x 940mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF100
AIR FLOW	13 m ³ /min, 459 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.20 barg
INLET/OUTLET SIZE	G 2" BSP-F
COOLING AIR FAN FLOW	31.2 m ³ /min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	1.4kW, 6.7A
DIMENSIONS	625mm L x 555mm W x 975mm H
WEIGHT	96 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT1500V
VOLUME	1,500 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	960mm D x 2350mm H
WEIGHT	390kg

FILTRATION

MODEL	PAF070
FLOW RATE	13 Nm ³ /min, 459 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1-1/2"
CYCLONE SEPARATOR	PCKL070 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS20
AIR FLOW - COLD ZONE 15°C, 60% RH	24.4 Nm ³ /min, 861 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	20.5 Nm ³ /min, 723 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	10.37 Nm ³ /min, 366 cfm
DIMENSIONS	820 mm W x 366 mm L x 940 mm H

PNEUTECH RSCR125EPM2



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COMPRESSOR SPECS

MODEL	Pneutech RSCR125EPM (2-series)
TYPE	Permanent Magnet Screw Compressor
HP/KW	125HP, 90kW
MOTOR RATING	IP65
FULL LOAD CURRENT @ 400 V	173 A
START LOAD CURRENT @ 400 V	FLC x 1.2~1.5
RPM	482 min / 1605 max @ 8 bar
	437 min / 1455 max @ 10 bar
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	5-19 m3/min, 671 cfm @ 8 bar
	4-16.5 m3/min, 583 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN65
WEIGHT	2050kg
DIMENSIONS	2280mm L x 1500mm W x 1950mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	1686mm x 1350mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7bar and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF125+
AIR FLOW	21 m3/min, 742 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.18 barg
INLET/OUTLET SIZE	DN80-PN16
COOLING AIR FAN FLOW	90 m3/min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	2.70 kW, 4.7 A
DIMENSIONS	1000mm L x 790mm W x 1465mm H
WEIGHT	242 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT2000V
VOLUME	2,000 Ltr
INLET/OUTLET SIZE	2", 3/4"
DIMENSIONS	1150mm D x 2350mm H
WEIGHT	480kg

FILTRATION

MODEL	PAF150
FLOW RATE	25 Nm3/min, 882 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	2"
CYCLONE SEPARATOR	PCKL150 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS20
AIR FLOW - COLD ZONE 15°C, 60% RH	24.4 Nm3/min, 861 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	20.5 Nm3/min, 723 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	10.37 Nm3/min, 366 cfm
DIMENSIONS	820 mm W x 366 mm L x 940 mm H

PNEUTECH RSCR150EPM2



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COMPRESSOR SPECS

MODEL	Pneutech RSCR150EPM (2-series)
TYPE	Permanent Magnet Screw Compressor
HP/KW	150HP, 110kW
MOTOR RATING	IP65
FULL LOAD CURRENT @ 400 V	247 A
START LOAD CURRENT @ 400 V	FLC x 1.2~1.5
RPM	600 min / 1605 max @ 8 bar
	600 min / 1410 max @ 10 bar
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	7.2-24.0 m ³ /min, 847 cfm @ 8 bar
	6.3-21.0 m ³ /min, 741 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN80
WEIGHT	2900 kg
DIMENSIONS	2800mm L x 1750mm W x 1690mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	1686mm x 1350mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7bar and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF150+
AIR FLOW	28 m ³ /min, 990 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.10 barg
INLET/OUTLET SIZE	DN80-PN16
COOLING AIR FAN FLOW	120 m ³ /min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	3.02 kW, 5.3 A
DIMENSIONS	1000mm L x 790mm W x 1465mm H
WEIGHT	275 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT3000V
VOLUME	3,000 Ltr
INLET/OUTLET SIZE	3", 3/4"
DIMENSIONS	1150mm D x 3350mm H
WEIGHT	690kg

FILTRATION

MODEL	PAF150
FLOW RATE	25 Nm ³ /min, 882 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	2"
CYCLONE SEPARATOR	PCKL150 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm ³ /min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm ³ /min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm ³ /min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR180EPM2



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COMPRESSOR SPECS

MODEL	Pneutech RSCR180EPM (2-series)
TYPE	Permanent Magnet Screw Compressor
HP/KW	180HP, 132kW
MOTOR RATING	IP65
FULL LOAD CURRENT @ 400 V	268 A
START LOAD CURRENT @ 400 V	FLC x 1.2~1.5
RPM	708 min / 1770 max @ 8 bar
	602 min / 1505 max @ 10 bar
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	8.0-28.5 m3/min, 1006 cfm @ 8 bar
	6.5-23.0 m3/min, 812 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN80
WEIGHT	3050 kg
DIMENSIONS	2700mm L x 1650mm W x 2150mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	1620mm x 1290mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7bar and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF180+
AIR FLOW	34 m3/min, 1202 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.17 barg
INLET/OUTLET SIZE	DN80-PN16
COOLING AIR FAN FLOW	120 m3/min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	3.40 kW, 6.1 A
DIMENSIONS	1000mm L x 790mm W x 1465mm H
WEIGHT	276 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT3000V
VOLUME	3,000 Ltr
INLET/OUTLET SIZE	3", 3/4"
DIMENSIONS	1150mm D x 3350mm H
WEIGHT	690kg

FILTRATION

MODEL	PAF175
FLOW RATE	28 Nm3/min, 990 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	2-1/2"
CYCLONE SEPARATOR	PCKL175 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm3/min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm3/min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm3/min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR220EPM2



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COMPRESSOR SPECS

MODEL	Pneutech RSCR220EPM (2-series)
TYPE	Permanent Magnet Screw Compressor
HP/KW	220HP, 160kW
MOTOR RATING	IP65
FULL LOAD CURRENT @ 400 V	314 A
START LOAD CURRENT @ 400 V	FLC x 1.2~1.5
RPM	792 min / 1980 max @ 8 bar
	674 min / 1685 max @ 10 bar
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	9.0-32 m3/min, 1130 cfm @ 8 bar
	7.5-27 m3/min, 953 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN80
WEIGHT	3150 kg
DIMENSIONS	2700mm L x 1650mm W x 2150mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	1620mm x 1290mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7bar and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF220+
AIR FLOW	39 m3/min, 1378 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.18 barg
INLET/OUTLET SIZE	DN80-PN16
COOLING AIR FAN FLOW	123 m3/min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	3.65 kW, 6.4 A
DIMENSIONS	1000mm L x 790mm W x 1465mm H
WEIGHT	311 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT2000V x 2
VOLUME	2,000 Ltr
INLET/OUTLET SIZE	2", 3/4"
DIMENSIONS	1150mm D x 2350mm H
WEIGHT	480kg

FILTRATION

MODEL	PAF200
FLOW RATE	36 Nm3/min, 1270 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	3"
CYCLONE SEPARATOR	PCKL200 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm3/min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm3/min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm3/min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR250HPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR250HPM
TYPE	Variable Speed Screw Compressor
HP/KW	250HP, 185kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	380 A
START LOAD CURRENT @ 400 V	FLC x 1.2~1.5
RPM	446-1485
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	8.0-38.5 m3/min, 1359 cfm @ 8 bar 7.0-34 m3/min, 1200 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN100
WEIGHT	6100 kg
DIMENSIONS	3400mm L x 2200mm W x 2100mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	1460mm x 720mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7bar and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF250+
AIR FLOW	42 m3/min, 1484 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.19 barg
INLET/OUTLET SIZE	DN100-PN16
COOLING AIR FAN FLOW	180 m3/min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	4.61 kW, 8.5 A
DIMENSIONS	1205mm L x 1135mm W x 1750mm H
WEIGHT	463 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT2000V x 2
VOLUME	2,000 Ltr
INLET/OUTLET SIZE	2", 3/4"
DIMENSIONS	1150mm D x 2350mm H
WEIGHT	480kg

FILTRATION

MODEL	PAF200
FLOW RATE	36 Nm3/min, 1270 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	3"
CYCLONE SEPARATOR	PCKL200 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm3/min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm3/min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm3/min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR270HPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR270HPM
TYPE	Variable Speed Screw Compressor
HP/KW	270HP, 200kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	432 A
START LOAD CURRENT @ 400 V	FLC x 1.2~1.5
RPM	446-1485
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	9.0-42.0 m3/min, 1483 cfm @ 8 bar 8.0-39.0 m3/min, 1377 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN100
WEIGHT	6400 kg
DIMENSIONS	3400mm L x 2200mm W x 2100mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	1460mm x 720mm
CLEARANCE	Recommended 1000mm all sides, keeo front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7bar and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF270+
AIR FLOW	52 m3/min, 1837 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.11 barg
INLET/OUTLET SIZE	DN100-PN16
COOLING AIR FAN FLOW	240 m3/min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	5.05 kW, 9.2 A
DIMENSIONS	1205mm L x 1135mm W x 1750mm H
WEIGHT	538 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT2000V x 2
VOLUME	2,000 Ltr
INLET/OUTLET SIZE	2", 3/4"
DIMENSIONS	1150mm D x 2350mm H
WEIGHT	480kg

FILTRATION

MODEL	PAF240
FLOW RATE	46 Nm3/min, 1620 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	3"
CYCLONE SEPARATOR	PCKL240 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35 x 2 with distributor fitting
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm3/min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm3/min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm3/min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR300HPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR300HPM
TYPE	Variable Speed Screw Compressor
HP/KW	300HP, 220kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	455 A
START LOAD CURRENT @ 400 V	FLC x 1.2~1.5
RPM	446-1485
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	10.0-45.5 m ³ /min, 1606 cfm @ 8 bar 9.2-42.0 m ³ /min, 1483 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN100
WEIGHT	7000 kg
DIMENSIONS	3400mm L x 2200mm W x 2100mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	1460mm x 720mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7bar and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF270+
AIR FLOW	52 m ³ /min, 1837 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.11 barg
INLET/OUTLET SIZE	DN100-PN16
COOLING AIR FAN FLOW	240 m ³ /min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	5.05 kW, 9.2 A
DIMENSIONS	1205mm L x 1135mm W x 1750mm H
WEIGHT	538 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT3000V x 2
VOLUME	3,000 Ltr
INLET/OUTLET SIZE	3", 3/4"
DIMENSIONS	1150mm D x 3350mm H
WEIGHT	690kg

FILTRATION

MODEL	PAF240
FLOW RATE	46 Nm ³ /min, 1620 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	3"
CYCLONE SEPARATOR	PCKL240 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35 x 2 with distributor fitting
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm ³ /min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm ³ /min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm ³ /min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR340HPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR340HPM
TYPE	Variable Speed Screw Compressor
HP/KW	340HP, 250kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	494 A
START LOAD CURRENT @ 400 V	FLC x 1.2~1.5
RPM	446-1485
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	11.2-51.0 m3/min, 1801 cfm @ 8 bar 10.1-46.0 m3/min, 1624 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN125
WEIGHT	7400 kg
DIMENSIONS	4000mm L x 2200mm W x 2300mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	2356mm x 2150mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7bar and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF340+
AIR FLOW	63 m3/min, 2226 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.19 barg
INLET/OUTLET SIZE	DN100-PN16
COOLING AIR FAN FLOW	240 m3/min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	5.93 kW, 10.8 A
DIMENSIONS	1205mm L x 1135mm W x 1750mm H
WEIGHT	540 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT3000V x 2
VOLUME	3,000 Ltr
INLET/OUTLET SIZE	3", 3/4"
DIMENSIONS	1150mm D x 3350mm H
WEIGHT	690kg

FILTRATION

MODEL	PBF300 (flanged series)
FLOW RATE	52.5 Nm3/min, 1853 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	DN100
CYCLONE SEPARATOR	PCKL300 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35 x 2 with distributor fitting
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm3/min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm3/min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm3/min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR375HPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR375HPM
TYPE	Variable Speed Screw Compressor
HP/KW	375HP, 280kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	560 A
START LOAD CURRENT @ 400 V	FLC x 1.2~1.5
RPM	447-1490
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	16-56 m3/min, 1977 cfm @ 8 bar 14-51 m3/min, 1801 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN125
WEIGHT (Compressor)	7900 kg
DIMENSIONS (Compressor)	4000mm L x 2200mm W x 2300mm H
WEIGHT (Inverter Box)	700 kg
DIMENSIONS (Inverter Box)	1000mm L x 800mm W x 1800mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	2356mm x 2150mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF340+
AIR FLOW	63 m3/min, 2226 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.19 barg
INLET/OUTLET SIZE	DN100-PN16
COOLING AIR FAN FLOW	240 m3/min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	5.93 kW, 10.8 A
DIMENSIONS	1205mm L x 1135mm W x 1750mm H
WEIGHT	540 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT3000V x 2
VOLUME	3,000 Ltr
INLET/OUTLET SIZE	3", 3/4"
DIMENSIONS	1150mm D x 3350mm H
WEIGHT	690kg

FILTRATION

MODEL	PBF450 (flanged series)
FLOW RATE	78 Nm3/min, 2765 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	DN125
CYCLONE SEPARATOR	PCKL450 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35 x 2 with distributor fitting
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm3/min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm3/min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm3/min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR400HPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR400HPM
TYPE	Variable Speed Screw Compressor
HP/KW	400HP, 315kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	703 A
START LOAD CURRENT @ 400 V	FLC x 1.2~1.5
RPM	447-1490
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	16-63.1 m ³ /min, 2228 cfm @ 8 bar 14-59.2 m ³ /min, 2090 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN125
WEIGHT (Compressor)	9000 kg
DIMENSIONS (Compressor)	4000mm L x 2200mm W x 2300mm H
WEIGHT (Inverter Box)	800 kg
DIMENSIONS (Inverter Box)	1000mm L x 800mm W x 1800mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	2356mm x 2150mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF400+
AIR FLOW	63 m ³ /min, 2226 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.19 barg
INLET/OUTLET SIZE	DN100-PN16
COOLING AIR FAN FLOW	240 m ³ /min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	5.93 kW, 10.8 A
DIMENSIONS	1205mm L x 1135mm W x 1750mm H
WEIGHT	540 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT3000V x 2
VOLUME	3,000 Ltr
INLET/OUTLET SIZE	3", 3/4"
DIMENSIONS	1150mm D x 3350mm H
WEIGHT	690kg

FILTRATION

MODEL	PBF450 (flanged series)
FLOW RATE	78 Nm ³ /min, 2765 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	DN125
CYCLONE SEPARATOR	PCKL450 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35 x 2 with distributor fitting
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm ³ /min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm ³ /min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm ³ /min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR30D



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COMPRESSOR SPECS

MODEL	Pneutech RSCR30D
TYPE	Fixed Speed, Direct Drive Rotary Screw
HP/KW	30HP, 22kW
MOTOR RATING	IP55
FULL LOAD CURRENT @ 400 V	44 A
START LOAD CURRENT @ 400 V	Approx FLC x 2.5
RPM	2950
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	3.6 m3/min, 127 cfm @ 8 bar 3.2 m3/min, 113 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	RC 1"
WEIGHT	580kg
DIMENSIONS	1380mm L x 850mm W x 1160mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	745mm x 725mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF30
AIR FLOW	4.3 m3/min, 152 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.24 barg
INLET/OUTLET SIZE	G 1-1/4" BSP-F
COOLING AIR FAN FLOW	6.33 m3/min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.71kW, 3.3A
DIMENSIONS	445mm L x 345mm W x 740mm H
WEIGHT	40 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT500V
VOLUME	500 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	600mm D x 2000mm H
WEIGHT	150kg

FILTRATION

MODEL	PAF030
FLOW RATE	5.6 Nm3/min, 197 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1"
CYCLONE SEPARATOR	PCKL030 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS4
AIR FLOW - COLD ZONE 15°C, 60% RH	4.82 Nm3/min, 170 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	4.04 Nm3/min, 142 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	2.05 Nm3/min, 72.3 cfm
DIMENSIONS	416mm W x 243mm L x 411mm H

PNEUTECH RSCR40D



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COMPRESSOR SPECS

MODEL	Pneutech RSCR40D-8
TYPE	Fixed Speed, Direct Drive Rotary Screw
HP/KW	40HP, 30kW
MOTOR RATING	IP55
FULL LOAD CURRENT @ 400 V	58 A
START LOAD CURRENT @ 400 V	Approx 2.5 x FLC
RPM	2952
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	1.25-5 m3/min, 176.5 cfm @ 8 bar
PRESSURE	8 bar
OUTLET SIZE	RC 1-1/2"
WEIGHT	800kg
DIMENSIONS	1600mm L x 1000mm W x 1360mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	860mm x 820mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF40
AIR FLOW	5.2 m3/min, 184 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.34 barg
INLET/OUTLET SIZE	G 1-1/4" BSP-F
COOLING AIR FAN FLOW	6.7 m3/min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.72kW, 3.5A
DIMENSIONS	455mm L x 485mm W x 825mm H
WEIGHT	49 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT500V
VOLUME	500 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	600mm D x 2000mm H
WEIGHT	150kg

FILTRATION

MODEL	PAF047
FLOW RATE	8.5 Nm3/min, 300 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1-1/2"
CYCLONE SEPARATOR	PCKL047 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS8
AIR FLOW - COLD ZONE 15°C, 60% RH	10.0 Nm3/min, 353 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	8.4 Nm3/min, 296 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	4.25 Nm3/min, 150 cfm
DIMENSIONS	730 mm W x 343 mm L x 680 mm H

PNEUTECH RSCR50D



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COMPRESSOR SPECS

MODEL	Pneutech RSCR50D
TYPE	Fixed Speed, Direct Drive Rotary Screw
HP/KW	50HP, 37kW
MOTOR RATING	IP55
FULL LOAD CURRENT @ 400 V	63 A
START LOAD CURRENT @ 400 V	Approx 2.5 x FLC
RPM	2950
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	6.1 m ³ /min, 215 cfm @ 8 bar 5.6 m ³ /min, 197 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	RC 1-1/2"
WEIGHT	860kg
DIMENSIONS	1600mm L x 1000mm W x 1360mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	860mm x 820mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF50
AIR FLOW	6.1 m ³ /min, 216 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.19 barg
INLET/OUTLET SIZE	G 1-1/2" BSP-F
COOLING AIR FAN FLOW	6.7 m ³ /min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.82kW, 4.2A
DIMENSIONS	580mm L x 555mm W x 885mm H
WEIGHT	54 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT1000V
VOLUME	1,000 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	850mm D x 2300mm H
WEIGHT	240kg

FILTRATION

MODEL	PAF047
FLOW RATE	8.5 Nm ³ /min, 300 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1-1/2"
CYCLONE SEPARATOR	PCKL047 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS8
AIR FLOW - COLD ZONE 15°C, 60% RH	10.0 Nm ³ /min, 353 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	8.4 Nm ³ /min, 296 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	4.25 Nm ³ /min, 150 cfm
DIMENSIONS	730 mm W x 343 mm L x 680 mm H

PNEUTECH RSCR60D



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COMPRESSOR SPECS

MODEL	Pneutech RSCR60D
TYPE	Fixed Speed, Direct Drive Rotary Screw
HP/KW	60HP, 45kW
MOTOR RATING	IP55
FULL LOAD CURRENT @ 400 V	75.1 A
START LOAD CURRENT @ 400 V	Approx 2.5 x FLC
RPM	2960
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	7.2 m ³ /min, 254 cfm @ 8 bar 6.8 m ³ /min, 240 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	RC 1-1/2"
WEIGHT	650kg
DIMENSIONS	1850mm L x 1000mm W x 1360mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	856mm x 816mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF60
AIR FLOW	7.5 m ³ /min, 265 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.25 barg
INLET/OUTLET SIZE	G 1-1/2" BSP-F
COOLING AIR FAN FLOW	7.5 m ³ /min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.71kW, 3.4A
DIMENSIONS	580mm L x 555mm W x 885mm H
WEIGHT	56 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT1000V
VOLUME	1,000 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	850mm D x 2300mm H
WEIGHT	240kg

FILTRATION

MODEL	PAF047
FLOW RATE	8.5 Nm ³ /min, 300 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1-1/2"
CYCLONE SEPARATOR	PCKL047 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS8
AIR FLOW - COLD ZONE 15°C, 60% RH	10.0 Nm ³ /min, 353 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	8.4 Nm ³ /min, 296 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	4.25 Nm ³ /min, 150 cfm
DIMENSIONS	730 mm W x 343 mm L x 680 mm H

PNEUTECH RSCR75D



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COMPRESSOR SPECS

MODEL	Pneutech RSCR75D
TYPE	Fixed Speed, Direct Drive Rotary Screw
HP/KW	75HP, 55kW
MOTOR RATING	IP55
FULL LOAD CURRENT @ 400 V	111.2 A
START LOAD CURRENT @ 400 V	Approx 2.5 x FLC
RPM	2965
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	9.9 m3/min, 349 cfm @ 8 bar 8.5 m3/min, 300 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	RC 2"
WEIGHT	1720kg
DIMENSIONS	2150mm L x 1350mm W x 1500mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	1158mm x 1128mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF75
AIR FLOW	10.5 m3/min, 371 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.14 barg
INLET/OUTLET SIZE	G 2" BSP-F
COOLING AIR FAN FLOW	31.2 m3/min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.92kW, 4.3A
DIMENSIONS	625mm L x 555mm W x 975mm H
WEIGHT	94 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT1500V
VOLUME	1,500 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	960mm D x 2350mm H
WEIGHT	390kg

FILTRATION

MODEL	PAF070
FLOW RATE	13 Nm3/min, 459 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1-1/2"
CYCLONE SEPARATOR	PCKL070 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS20
AIR FLOW - COLD ZONE 15°C, 60% RH	24.4 Nm3/min, 861 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	20.5 Nm3/min, 723 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	10.37 Nm3/min, 366 cfm
DIMENSIONS	820 mm W x 366 mm L x 940 mm H

PNEUTECH RSCR100D



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COMPRESSOR SPECS

MODEL	Pneutech RSCR100D
TYPE	Fixed Speed, Direct Drive Rotary Screw
HP/KW	100HP, 75kW
MOTOR RATING	IP55
FULL LOAD CURRENT @ 400 V	159.6 A
START LOAD CURRENT @ 400 V	Approx 2.5 x FLC
RPM	2970
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	13 m3/min, 459 cfm @ 8 bar 11.8 m3/min, 416 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	RC 2"
WEIGHT	1800kg
DIMENSIONS	2150mm L x 1350mm W x 1500mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	1158mm x 1128mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF100
AIR FLOW	13 m3/min, 459 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.20 barg
INLET/OUTLET SIZE	G 2" BSP-F
COOLING AIR FAN FLOW	31.2 m3/min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	1.4kW, 6.7A
DIMENSIONS	625mm L x 555mm W x 975mm H
WEIGHT	96 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT1500V
VOLUME	1,500 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	960mm D x 2350mm H
WEIGHT	390kg

FILTRATION

MODEL	PAF070
FLOW RATE	13 Nm3/min, 459 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1-1/2"
CYCLONE SEPARATOR	PCKL070 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS20
AIR FLOW - COLD ZONE 15°C, 60% RH	24.4 Nm3/min, 861 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	20.5 Nm3/min, 723 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	10.37 Nm3/min, 366 cfm
DIMENSIONS	820 mm W x 366 mm L x 940 mm H

PNEUTECH RSCR125D



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COMPRESSOR SPECS

MODEL	Pneutech RSCR125II
TYPE	Fixed Speed, Direct Drive Rotary Screw
HP/KW	125HP, 90kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	164 A
START LOAD CURRENT @ 400 V	Approx 2.5 x FLC
RPM	2970
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	16 m ³ /min, 565 cfm @ 8 bar 14.5 m ³ /min, 512 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN65
WEIGHT	2400kg
DIMENSIONS	2500mm L x 1600mm W x 1775mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	790mm x 1410mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF125
AIR FLOW	16.8 m ³ /min, 594 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.15 barg
INLET/OUTLET SIZE	G 2-1/2" BSP-F
COOLING AIR FAN FLOW	41.7 m ³ /min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	1.50 kW, 7.0 A
DIMENSIONS	725mm L x 665mm W x 1105mm H
WEIGHT	144 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT2000V
VOLUME	2,000 Ltr
INLET/OUTLET SIZE	2", 3/4"
DIMENSIONS	1150mm D x 2350mm H
WEIGHT	690kg

FILTRATION

MODEL	PAF094
FLOW RATE	16.6 Nm ³ /min, 588 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	2"
CYCLONE SEPARATOR	PCKL094 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS20
AIR FLOW - COLD ZONE 15°C, 60% RH	24.4 Nm ³ /min, 861 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	20.5 Nm ³ /min, 723 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	10.37 Nm ³ /min, 366 cfm
DIMENSIONS	820 mm W x 366 mm L x 940 mm H

PNEUTECH RSCR150D



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COMPRESSOR SPECS

MODEL	Pneutech RSCR150II
TYPE	Fixed Speed, Direct Drive Rotary Screw
HP/KW	150HP, 110kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	206 A
START LOAD CURRENT @ 400 V	Approx 2.5 x FLC
RPM	2970
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	20 m ³ /min, 706 cfm @ 8 bar 17.5 m ³ /min, 618 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN65
WEIGHT	2700 kg
DIMENSIONS	2500mm L x 1600mm W x 1775mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	790mm x 1410mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF150
AIR FLOW	22 m ³ /min, 777 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.28 barg
INLET/OUTLET SIZE	DN65 2-1/2"
COOLING AIR FAN FLOW	41.7 m ³ /min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	4.3 kW, 2.30 A
DIMENSIONS	920 mm L x 645 mm W x 1100mm H
WEIGHT	212 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT3000V
VOLUME	3,000 Ltr
INLET/OUTLET SIZE	3", 3/4"
DIMENSIONS	1150mm D x 3350mm H
WEIGHT	690kg

FILTRATION

MODEL	PAF150
FLOW RATE	25 Nm ³ /min, 882 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	2"
CYCLONE SEPARATOR	PCKL150 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm ³ /min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm ³ /min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm ³ /min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR180D



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COMPRESSOR SPECS

MODEL	Pneutech RSCR180II
TYPE	Fixed Speed, Direct Drive Rotary Screw
HP/KW	180HP, 132kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	278 A
START LOAD CURRENT @ 400 V	Approx 2.5 x FLC
RPM	2975
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	24 m3/min, 847 cfm @ 8 bar 21.5 m3/min, 759 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN65
WEIGHT	2700 Kg
DIMENSIONS	2700mm L x 1750mm W x 1850mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	820mm x 1350mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF150
AIR FLOW	22 m3/min, 777 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.28 barg
INLET/OUTLET SIZE	DN65 2-1/2"
COOLING AIR FAN FLOW	41.7 m3/min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	4.3 kW, 2.30 A
DIMENSIONS	920 mm L x 645 mm W x 1100mm H
WEIGHT	212 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT3000V
VOLUME	3,000 Ltr
INLET/OUTLET SIZE	3", 3/4"
DIMENSIONS	1150mm D x 3350mm H
WEIGHT	690kg

FILTRATION

MODEL	PAF150
FLOW RATE	25 Nm3/min, 882 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	2"
CYCLONE SEPARATOR	PCKL150 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm3/min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm3/min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm3/min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR220D



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COMPRESSOR SPECS

MODEL	Pneutech RSCR220II
TYPE	Fixed Speed, Direct Drive Rotary Screw
HP/KW	220HP, 160kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	298 A
START LOAD CURRENT @ 400 V	Approx 2.5 x FLC
RPM	2975
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	27.5 m ³ /min, 971 cfm @ 8 bar 24.2 m ³ /min, 854 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN65
WEIGHT	3200 kg
DIMENSIONS	2700mm L x 1750mm W x 1850mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	820mm x 1350mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF150+
AIR FLOW	28 m ³ /min, 990 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.10 barg
INLET/OUTLET SIZE	DN80-PN16
COOLING AIR FAN FLOW	120 m ³ /min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	3.02 kW, 5.3 A
DIMENSIONS	1000mm L x 790mm W x 1465mm H
WEIGHT	275 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT2000V x 2
VOLUME	2,000 Ltr
INLET/OUTLET SIZE	2", 3/4"
DIMENSIONS	1150mm D x 2350mm H
WEIGHT	480kg

FILTRATION

MODEL	PAF175
FLOW RATE	28 Nm ³ /min, 990 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	2-1/2"
CYCLONE SEPARATOR	PCKL175 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm ³ /min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm ³ /min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm ³ /min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR250D



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COMPRESSOR SPECS

MODEL	Pneutech RSCR250II
TYPE	Fixed Speed, Direct Drive Rotary Screw
HP/KW	250HP, 185kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	317 A
START LOAD CURRENT @ 400 V	Approx 2.5 x FLC
RPM	2975
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	31.6 m ³ /min, 1115 cfm @ 8 bar 28.3 m ³ /min, 999 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN80
WEIGHT	3800 kg
DIMENSIONS	2700mm L x 1820mm W x 1850mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	1380mm x 850mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF180+
AIR FLOW	34 m ³ /min, 1202 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.17 barg
INLET/OUTLET SIZE	DN80-PN16
COOLING AIR FAN FLOW	120 m ³ /min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	3.40 kW, 6.1 A
DIMENSIONS	1000mm L x 790mm W x 1465mm H
WEIGHT	276 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT2000V x 2
VOLUME	2,000 Ltr
INLET/OUTLET SIZE	2", 3/4"
DIMENSIONS	1150mm D x 2350mm H
WEIGHT	480kg

FILTRATION

MODEL	PAF175
FLOW RATE	28 Nm ³ /min, 990 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	2-1/2"
CYCLONE SEPARATOR	PCKL175 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm ³ /min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm ³ /min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm ³ /min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR270D



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COMPRESSOR SPECS

MODEL	Pneutech RSCR270II
TYPE	Fixed Speed, Direct Drive Rotary Screw
HP/KW	270HP, 200kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	374 A
START LOAD CURRENT @ 400 V	Approx 2.5 x FLC
RPM	2975
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	33.6 m ³ /min, 1186 cfm @ 8 bar 30.8 m ³ /min, 1087 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN80
WEIGHT	4000 kg
DIMENSIONS	2700mm L x 1820mm W x 1850mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	1380mm x 850mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF180+
AIR FLOW	34 m ³ /min, 1202 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.17 barg
INLET/OUTLET SIZE	DN80-PN16
COOLING AIR FAN FLOW	120 m ³ /min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	3.40 kW, 6.1 A
DIMENSIONS	1000mm L x 790mm W x 1465mm H
WEIGHT	276 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT2000V x 2
VOLUME	2,000 Ltr
INLET/OUTLET SIZE	2", 3/4"
DIMENSIONS	1150mm D x 2350mm H
WEIGHT	480kg

FILTRATION

MODEL	PAF200
FLOW RATE	36 Nm ³ /min, 1270 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	3"
CYCLONE SEPARATOR	PCKL200 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35 x 2 with distributor fitting
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm ³ /min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm ³ /min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm ³ /min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR50GPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR50GPM
TYPE	Permanent Magnet Oil-Free Screw Compressor
HP/KW	50HP, 37kW
MOTOR RATING	IP55
FULL LOAD CURRENT @ 400 V	74 A
START LOAD CURRENT @ 400 V	Approx 2 x FLC
RPM	2400 min / 4050 max @ 8 bar
	2175 min / 3600 max @ 10 bar
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	3.3-5.5 m ³ /min, 194 cfm @ 8 bar
	2.5-4.6 m ³ /min, 162 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN50
WEIGHT	2400kg
DIMENSIONS	2380mm L x 1250mm W x 1980mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	800mm x 628mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF50
AIR FLOW	6.1 m ³ /min, 216 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.19 barg
INLET/OUTLET SIZE	G 1-1/2" BSP-F
COOLING AIR FAN FLOW	6.7 m ³ /min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.82kW, 4.2A
DIMENSIONS	580mm L x 555mm W x 885mm H
WEIGHT	54 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT1000V
VOLUME	1,000 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	850mm D x 2300mm H
WEIGHT	240kg

FILTRATION

MODEL	PAF047
FLOW RATE	8.5 Nm ³ /min, 300 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1-1/2"
CYCLONE SEPARATOR	PCKL047 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS8
AIR FLOW - COLD ZONE 15°C, 60% RH	10.0 Nm ³ /min, 353 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	8.4 Nm ³ /min, 296 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	4.25 Nm ³ /min, 150 cfm
DIMENSIONS	730 mm W x 343 mm L x 680 mm H

PNEUTECH RSCR60GPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR60GPM
TYPE	Permanent Magnet Oil-Free Screw Compressor
HP/KW	60HP, 45kW
MOTOR RATING	IP55
FULL LOAD CURRENT @ 400 V	88 A
START LOAD CURRENT @ 400 V	Approx 2 x FLC
RPM	2790 min / 4650 max @ 8 bar
	2400 min / 4050 max @ 10 bar
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	3.9-6.6 m ³ /min, 233 cfm @ 8 bar
	3.2-5.4 m ³ /min, 190 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN50
WEIGHT	2500kg
DIMENSIONS	2380mm L x 1250mm W x 1980mm H
COMPRESSED AIR TEMP	Ambient + 10-15 °C
EXHAUST DUCTING SIZE	800mm x 628mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF60
AIR FLOW	7.5 m ³ /min, 265 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.25 barg
INLET/OUTLET SIZE	G 1-1/2" BSP-F
COOLING AIR FAN FLOW	7.5 m ³ /min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.71kW, 3.4A
DIMENSIONS	580mm L x 555mm W x 885mm H
WEIGHT	56 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT1000V
VOLUME	1,000 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	850mm D x 2300mm H
WEIGHT	240kg

FILTRATION

MODEL	PAF047
FLOW RATE	8.5 Nm ³ /min, 300 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1-1/2"
CYCLONE SEPARATOR	PCKL047 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS8
AIR FLOW - COLD ZONE 15°C, 60% RH	10.0 Nm ³ /min, 353 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	8.4 Nm ³ /min, 296 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	4.25 Nm ³ /min, 150 cfm
DIMENSIONS	730 mm W x 343 mm L x 680 mm H

PNEUTECH RSCR75GPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR75PM
TYPE	Permanent Magnet Oil-Free Screw Compressor
HP/KW	75HP, 55kW
MOTOR RATING	IP55
FULL LOAD CURRENT @ 400 V	109 A
START LOAD CURRENT @ 400 V	109 A
RPM	1780 min / 2965 max
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	5.3-9.0 m ³ /min, 317 cfm @ 8 bar 4.6-7.7 m ³ /min, 272 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN50
WEIGHT	2850kg
DIMENSIONS	2380mm L x 1580mm W x 1880mm H
COMPRESSED AIR TEMP	Ambient + 10-15°C
EXHAUST DUCTING SIZE	520mm x 1120mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF75
AIR FLOW	10.5 m ³ /min, 371 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.14 barg
INLET/OUTLET SIZE	G 2" BSP-F
COOLING AIR FAN FLOW	31.2 m ³ /min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	0.92kW, 4.3A
DIMENSIONS	625mm L x 555mm W x 975mm H
WEIGHT	94 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT1500V
VOLUME	1,500 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	960mm D x 2350mm H
WEIGHT	390kg

FILTRATION

MODEL	PAF070
FLOW RATE	13 Nm ³ /min, 459 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1-1/2"
CYCLONE SEPARATOR	PCKL070 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS20
AIR FLOW - COLD ZONE 15°C, 60% RH	24.4 Nm ³ /min, 861 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	20.5 Nm ³ /min, 723 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	10.37 Nm ³ /min, 366 cfm
DIMENSIONS	820 mm W x 366 mm L x 940 mm H

PNEUTECH RSCR100GPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR100GPM
TYPE	Permanent Magnet Oil-Free Screw Compressor
HP/KW	100HP, 75kW
MOTOR RATING	IP55
FULL LOAD CURRENT @ 400 V	154 A
START LOAD CURRENT @ 400 V	154 A
RPM	1777 min / 2961 max
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	7.4-12.0 m ³ /min, 423 cfm @ 8 bar 6.4-10.7 m ³ /min, 377 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN50
WEIGHT	2900kg
DIMENSIONS	2380mm L x 1580mm W x 1880mm H
COMPRESSED AIR TEMP	Ambient + 10-15°C
EXHAUST DUCTING SIZE	520mm x 1120mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF100
AIR FLOW	13 m ³ /min, 459 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.20 barg
INLET/OUTLET SIZE	G 2" BSP-F
COOLING AIR FAN FLOW	31.2 m ³ /min
POWER SUPPLY	230V 50Hz
ELECTRIC CONSUMPTION	1.4kW, 6.7A
DIMENSIONS	625mm L x 555mm W x 975mm H
WEIGHT	96 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT1500V
VOLUME	1,500 Ltr
INLET/OUTLET SIZE	1-1/4", 1/2"
DIMENSIONS	960mm D x 2350mm H
WEIGHT	390kg

FILTRATION

MODEL	PAF070
FLOW RATE	13 Nm ³ /min, 459 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	1-1/2"
CYCLONE SEPARATOR	PCKL070 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS20
AIR FLOW - COLD ZONE 15°C, 60% RH	24.4 Nm ³ /min, 861 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	20.5 Nm ³ /min, 723 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	10.37 Nm ³ /min, 366 cfm
DIMENSIONS	820 mm W x 366 mm L x 940 mm H

PNEUTECH RSCR125GPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR125GPM
TYPE	Permanent Magnet Oil-Free Screw Compressor
HP/KW	125HP, 90kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	173 A
START LOAD CURRENT @ 400 V	173 A
RPM	1776 min / 2960 max
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	8.2-13.6 m ³ /min, 480 cfm @ 8 bar 7.8-13.0 m ³ /min, 459 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN65
WEIGHT	3700kg
DIMENSIONS	2880mm L x 1960mm W x 2110mm H
COMPRESSED AIR TEMP	Ambient + 10-15°C
EXHAUST DUCTING SIZE	750mm x 1450mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF125
AIR FLOW	16.8 m ³ /min, 594 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.15 barg
INLET/OUTLET SIZE	G 2-1/2" BSP-F
COOLING AIR FAN FLOW	41.7 m ³ /min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	1.50 kW, 7.0 A
DIMENSIONS	725mm L x 665mm W x 1105mm H
WEIGHT	144 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT2000V
VOLUME	2,000 Ltr
INLET/OUTLET SIZE	2", 3/4"
DIMENSIONS	1150mm D x 2350mm H
WEIGHT	480kg

FILTRATION

MODEL	PAF094
FLOW RATE	16.6 Nm ³ /min, 588 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	2"
CYCLONE SEPARATOR	PCKL094 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS20
AIR FLOW - COLD ZONE 15°C, 60% RH	24.4 Nm ³ /min, 861 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	20.5 Nm ³ /min, 723 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	10.37 Nm ³ /min, 366 cfm
DIMENSIONS	820 mm W x 366 mm L x 940 mm H

PNEUTECH RSCR150GPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR150GPM
TYPE	Permanent Magnet Oil-Free Screw Compressor
HP/KW	150HP, 110kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	217 A
START LOAD CURRENT @ 400 V	217 A
RPM	945 min / 3150 max
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	10.9-18.2 m ³ /min, 642 cfm @ 8 bar 9.1-16.5 m ³ /min, 582 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN65
WEIGHT	3800kg
DIMENSIONS	2880mm L x 1960mm W x 2110mm H
COMPRESSED AIR TEMP	Ambient + 10-15°C
EXHAUST DUCTING SIZE	750mm x 1450mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF125+
AIR FLOW	21 m ³ /min, 742 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.18 barg
INLET/OUTLET SIZE	DN80-PN16
COOLING AIR FAN FLOW	90 m ³ /min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	2.70 kW, 4.7 A
DIMENSIONS	1000mm L x 790mm W x 1465mm H
WEIGHT	242 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT3000V
VOLUME	3,000 Ltr
INLET/OUTLET SIZE	3", 3/4"
DIMENSIONS	1150mm D x 3350mm H
WEIGHT	690kg

FILTRATION

MODEL	PAF150
FLOW RATE	25 Nm ³ /min, 882 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	2"
CYCLONE SEPARATOR	PCKL 150 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS20
AIR FLOW - COLD ZONE 15°C, 60% RH	24.4 Nm ³ /min, 861 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	20.5 Nm ³ /min, 723 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	10.37 Nm ³ /min, 366 cfm
DIMENSIONS	820 mm W x 366 mm L x 940 mm H

PNEUTECH RSCR180GPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR180GPM
TYPE	Permanent Magnet Oil-Free Screw Compressor
HP/KW	180HP, 132kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	261 A
START LOAD CURRENT @ 400 V	261 A
RPM	1780 min / 2970 max
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	13.2-22.5 m ³ /min, 794 cfm @ 8 bar 11.7-19.5 m ³ /min, 688 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN65
WEIGHT	4100kg
DIMENSIONS	2880mm L x 1960mm W x 2110mm H
COMPRESSED AIR TEMP	Ambient + 10-15°C
EXHAUST DUCTING SIZE	750mm x 1450mm
CLEARANCE	Recommended 1000mm all sides, keep front clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7bar and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF150+
AIR FLOW	28 m ³ /min, 990 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.10 barg
INLET/OUTLET SIZE	DN80-PN16
COOLING AIR FAN FLOW	120 m ³ /min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	3.02 kW, 5.3 A
DIMENSIONS	1000mm L x 790mm W x 1465mm H
WEIGHT	275 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT3000V
VOLUME	3,000 Ltr
INLET/OUTLET SIZE	3", 3/4"
DIMENSIONS	1150mm D x 3350mm H
WEIGHT	690kg

FILTRATION

MODEL	PAF150
FLOW RATE	25 Nm ³ /min, 882 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	2"
CYCLONE SEPARATOR	PCKL150 element
GRADES	P = 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm ³ /min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm ³ /min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm ³ /min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR220GPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR220GPM
TYPE	Permanent Magnet Oil-Free Screw Compressor
HP/KW	220HP, 160kW
MOTOR RATING	IP54
FULL LOAD CURRENT @ 400 V	296 A
START LOAD CURRENT @ 400 V	296 A
RPM	1780 min / 2970 max @ 8 bar
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	14.7-25.5 m ³ /min, 900 cfm @ 8 bar 13.2-22 m ³ /min, 777 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN65
WEIGHT	4300kg
DIMENSIONS	2880mm L x 1960mm W x 2110mm H
COMPRESSED AIR TEMP	Ambient + 10-15°C
EXHAUST DUCTING SIZE	750mm x 1450mm
CLEARANCE	Recommended 1000mm all sides, front kept clear

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7bar and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF150+
AIR FLOW	28 m ³ /min, 990 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.10 barg
INLET/OUTLET SIZE	DN80-PN16
COOLING AIR FAN FLOW	120 m ³ /min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	3.02 kW, 5.3 A
DIMENSIONS	1000mm L x 790mm W x 1465mm H
WEIGHT	275 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT2000V x 2
VOLUME	2,000 Ltr
INLET/OUTLET SIZE	2", 3/4"
DIMENSIONS	1150mm D x 2350mm H
WEIGHT	480kg

FILTRATION

MODEL	PAF175
FLOW RATE	28 Nm ³ /min, 990 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	2-1/2"
CYCLONE SEPARATOR	PCKL1757 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm ³ /min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm ³ /min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm ³ /min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR300GPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR300GPM
TYPE	Permanent Magnet Oil-Free Screw Compressor
HP/KW	300HP, 220kW
MOTOR RATING	IP55
FULL LOAD CURRENT @ 400 V	434 A
START LOAD CURRENT @ 400 V	410 A
RPM	895-1491
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	22-37.5 m ³ /min, 1324 cfm @ 8 bar 19-34 m ³ /min, 1200 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN100
WEIGHT	5200kg
DIMENSIONS	5000mm L x 2280mm W x 2200mm H
COMPRESSED AIR TEMP	Ambient + 10-15°C
EXHAUST DUCTING SIZE	
CLEARANCE	

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF220+
AIR FLOW	39 m ³ /min, 1378 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.18 barg
INLET/OUTLET SIZE	DN80-PN16
COOLING AIR FAN FLOW	123 m ³ /min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	3.65 kW, 6.4 A
DIMENSIONS	1000mm L x 790mm W x 1465mm H
WEIGHT	311 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT3000V x 2
VOLUME	3,000 Ltr
INLET/OUTLET SIZE	3", 3/4"
DIMENSIONS	1150mm D x 3350mm H
WEIGHT	690kg

FILTRATION

MODEL	PAF240
FLOW RATE	46 Nm ³ /min, 1620 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	3"
CYCLONE SEPARATOR	PCKL240 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35 x 2 with distributor fitting
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm ³ /min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm ³ /min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm ³ /min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H

PNEUTECH RSCR340GPM



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COMPRESSOR SPECS

MODEL	Pneutech RSCR340GPM
TYPE	Permanent Magnet Oil-Free Screw Compressor
HP/KW	340HP, 250kW
MOTOR RATING	IP55
FULL LOAD CURRENT @ 400 V	503 A
START LOAD CURRENT @ 400 V	475 A
RPM	895-1491
COOLING TYPE	Air cooled
POWER SUPPLY	400V, 50Hz
FLOW RATE	25.8-42 m ³ /min, 1483 cfm @ 8 bar 22.8-38 m ³ /min, 1342 cfm @ 10 bar
PRESSURE	8 bar, 10 bar options
OUTLET SIZE	DN100
WEIGHT	5500kg
DIMENSIONS	5000mm L x 2280mm W x 2200mm H
COMPRESSED AIR TEMP	Ambient + 10-15°C
EXHAUST DUCTING SIZE	
CLEARANCE	

REFRIGERATED DRYER SPECS

Specifications are based on nominal conditions of 25°C ambient temperature with inlet air at 7 barg and 35°C, and 5°C pressure dew point (-20.5°C atmospheric pressure dew point)

MODEL	Pneutech PDF250+
AIR FLOW	42 m ³ /min, 1484 cfm
MAX INLET AIR PRESSURE	14 barg
AIR PRESSURE DROP	0.19 barg
INLET/OUTLET SIZE	DN100-PN16
COOLING AIR FAN FLOW	180 m ³ /min
POWER SUPPLY	400V 50Hz
ELECTRIC CONSUMPTION	4.61 kW, 8.5 A
DIMENSIONS	1205mm L x 1135mm W x 1750mm H
WEIGHT	463 kg
CLEARANCE	min 500mm sides and rear

AIR RECEIVER

MODEL	LT3000V x 2
VOLUME	3,000 Ltr
INLET/OUTLET SIZE	3", 3/4"
DIMENSIONS	1150mm D x 3350mm H
WEIGHT	690kg

FILTRATION

MODEL	PAF240
FLOW RATE	46 Nm ³ /min, 1620 cfm @ 7 bar, 20°C
INLET/OUTLET SIZE	3"
CYCLONE SEPARATOR	PCKL240 element
GRADES	P= 3 micron prefilter M = 0.1 micron coalescing S = 0.01 micron coalescing A = carbon

WATER/OIL SEPARATOR

MODEL	WOS35 x 2 with distributor fitting
AIR FLOW - COLD ZONE 15°C, 60% RH	42.3 Nm ³ /min, 1495 cfm
AIR FLOW - MILD ZONE 25°C, 60% RH	35.5 Nm ³ /min, 1254 cfm
AIR FLOW - HOT ZONE 40°C, 100% RH	17.99 Nm ³ /min, 635 cfm
DIMENSIONS	960 mm W x 386 mm L x 1137 mm H



Mission Statement:

We are committed to helping businesses maximise their productivity, save on operating expenses, and become a positive contributor to the environment.

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