



POSITIVE DISPLACEMENT BLOWERS

PEDRO GIL F1 SERIES

RELIABLE, LOW NOISE, LOW PULSATION



**OVERSIZED COOLING FAN AND
MOTOR - IDEAL FOR AUSTRALIA'S
HARSH CONDITIONS.**

TIME-PROVEN PERFORMANCE.

With a proud heritage of over 100 years of manufacturing positive displacement blowers, Pedro Gil's high performance blowers have been installed in hundreds of applications and are packed with many features to assist your operation.

Pedro Gil's positive displacement (PD) roots-type blower is the ideal blower to suit Australia's harsh conditions with a wide range of applications and working load conditions.

As one of the only Australian companies with access to the full suite of low-pressure air solutions, CAPS is able to provide the optimum blower selection for your low-pressure application. Our engineering facility in Perth has the capability to design, fabricate and assemble custom-made blower packages, including control systems to suit your application needs.

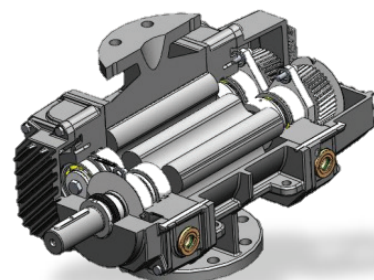
MAINTENANCE MADE EASY

Pedro Gil blowers are specially designed for ease of maintenance. Consumables can be changed in minutes and belts can be tensioned in approx. 15 minutes with an easy belt tensioning system.

TECHNICAL APPLICATIONS

Pedro Gil blowers are suited to a wide range of low pressure industrial applications, including:

- Water treatment plants
- Pneumatic handling conveying and dosing systems
- Industrial vacuum airing equipment
- Non-explosive gas transfer
- Fish farming
- Combustion air supply for burners
- Textile industry
- Paper industry
- Fluidification of beds



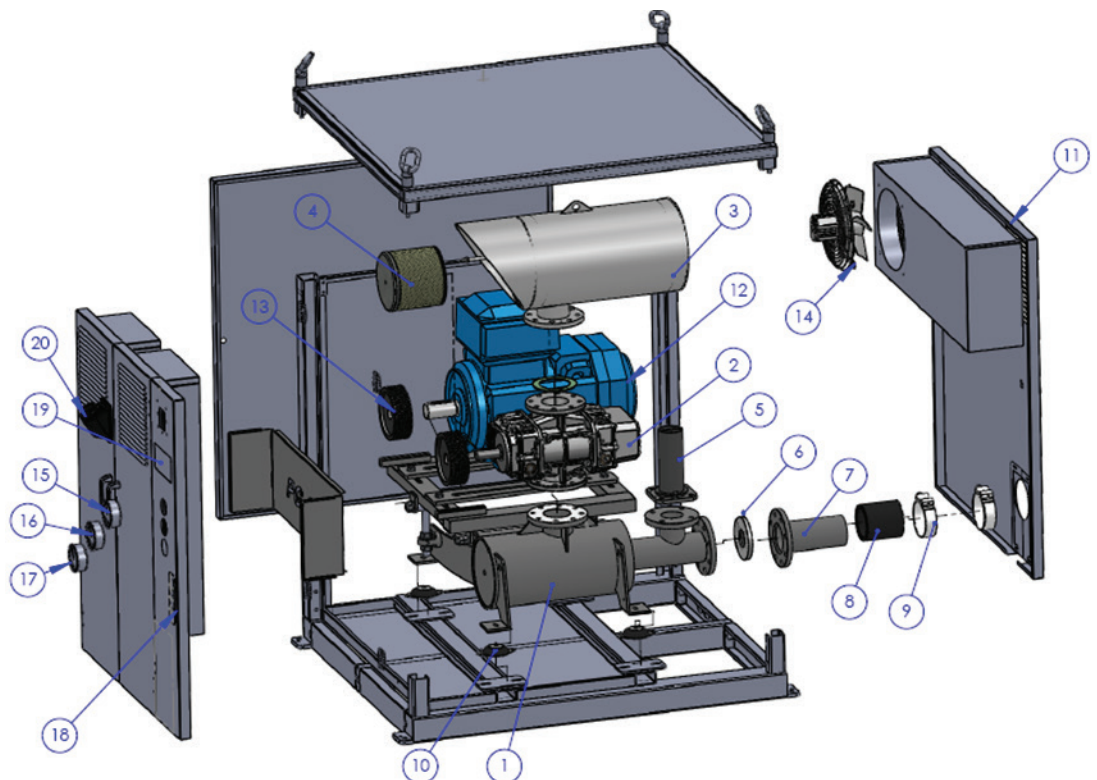
PURPOSE-DESIGNED TO REDUCE NOISE, SAVE SPACE & MAINTAIN WITH EASE.

CONSTRUCTION FEATURES

- Tri-lobe blower rotors
- Acoustic enclosure
- Inlet air filter-silencer
- Reactive discharge silencer
- The drive is by an electric motor through v-belts and pulleys (taper lock system)
- A belt guard made from steel sheet also with acoustic hood
- A relief valve designed to evacuate air or gas when the pressure is over
- A check valve protects the blower against a back pressure when the blower stops and the pipe is pressurised
- A flexible rubber sleeve with clamps connects the blower to downstream pipe work
- Filling and emptying oil system
- Flexible rubber feet to support the blower package

COMPONENT BREAKDOWN

- 1 Base Silencer
- 2 Blower
- 3 Inlet Silencer
- 4 Filter Cartridge
- 5 Safety Valve
- 6 Check Valve
- 7 Flange Pipe
- 8 Rubber Sleeve
- 9 Clamps
- 10 Elastic Feet
- 11 Enclosure
- 12 Electric Motor
- 13 Pulley
- 14 Electric Fan
- 15 Manometer
- 16 Vacuumeter
- 17 Oil Filter
- 18 Oil Level
- 19 Electronic Panel (Optional)
- 20 Thermometer (Optional)





KEY BENEFITS

EASY ACCESSIBILITY

New points of maintenance located in the front and rear acoustic hood panels. Allowing group side by side installation (up to DN200), optimising space.

LOW NOISE SOUND PROOFING HOOD

Built from modular panels from galvanised metal sheet. The inner side of each acoustic panel is lined with self-extinguishable polyester absorbing material covered with a waterproof film.

REMOTE COMMUNICATION (OPTIONAL)

New electronic control panel for displaying and remotely communicating a range of parameters including temperature, pressure, and vibration.

TEMPERATURE CONTROL

Oversized cooling fan and motor accommodates for Australia's often harsh climatic conditions, allowing reliable operation even in high ambient temperatures.

EASE OF MAINTENANCE

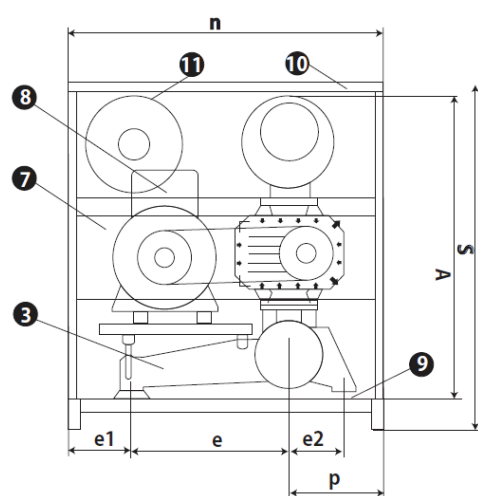
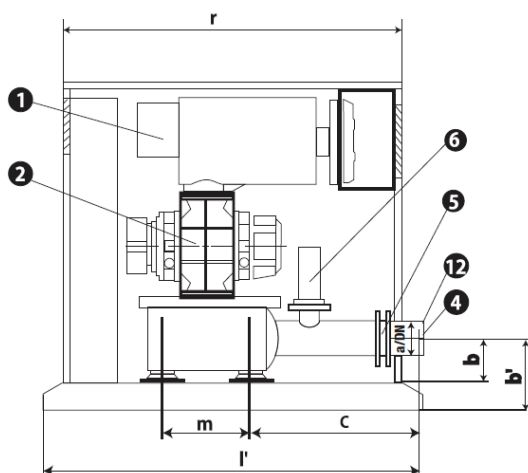
Consumables can be changed in minutes and belts can be tensioned quickly with a cleverly designed belt tensioning system. Optional external oil filling system for reliable and efficient oil level maintenance.

EASY TRANSPORT, LIFTING & POSITIONING

Solid acoustic hood floor is included for easy transport.

TECHNICAL SPECIFICATIONS.

SIZE	DN	MAX MOTOR	D	A	B	B1	C	M	E1	E	E2	P	L	N	R	S	FAN (KW)	GROUP W.O/MOT WEIGHT	CABIN WEIGHT (KG)
30.10	50	11/160M	60.3	950	148	306	465	411	285	455	170	280	1,225	1,020	1,160	1,195	0.25	165	165
30.20	80	15/160M	88.9	950	148	306	465	411	285	455	170	280	1,225	1,020	1,160	1,195	0.25	225	165
30.30	80	18.5/160L	88.9	950	148	306	465	411	285	455	170	280	1,225	1,020	1,160	1,195	0.25	230	165
31.10	80	30/200L	88.9	950	148	306	465	411	285	455	170	280	1,225	1,020	1,160	1,195	0.25	230	165
31.20	100	30/200L	114.3	1,150	175	333	611	542	320	640	200	320	1,530	1,280	1,440	1,494	0.75	330	250
31.30	100	30/200L	114.3	1,150	175	333	611	542	320	640	200	320	1,530	1,280	1,440	1,494	0.75	360	250
32.10	100	37/200L	114.3	1,150	175	333	611	542	320	640	200	320	1,530	1,280	1,480	1,494	0.75	400	250
32.20	100	55/250M	114.3	1,150	175	333	611	542	320	640	200	320	1,530	1,280	1,440	1,494	0.75	420	250
32.20	150	55/250M	168.3	1,500	232	390	780	460	370	745	245	395	1,890	1,500	1,840	1,748	0.75	580	400
32.30	150	75/250M	168.3	1,500	232	390	780	460	370	745	245	395	1,890	1,500	1,840	1,748	0.75	600	400
33.10	150	75/250M	168.3	1,500	232	390	780	460	370	745	245	395	1,890	1,500	1,840	1,745	0.75	665	400
33.20	150	90/280S	168.3	1,500	232	390	780	460	370	745	245	395	1,890	1,500	1,840	1,748	0.75	695	400
33.30	150	90/280M	168.3	1,500	232	390	780	460	370	745	245	395	1,890	1,500	1,840	1,748	0.75	745	400
33.30	200	90/280M	219.1	1,850	254	454	1,030	600	310	948	330	643	2,410	1,870	2,200	2,144	1.1	800	1,050
34.10	200	90/280M	219.1	1,850	254	454	1,030	600	310	948	330	643	2,410	1,870	2,200	2,144	1.1	920	1,050
34.20	200	132/315M	219.1	1,850	254	454	1,030	600	310	948	330	643	2,410	1,870	2,200	2,144	1.1	960	1,050
34.30	200	132/315M	219.1	1,850	254	454	1,030	600	310	948	330	643	2,410	1,870	2,200	2,144	1.1	1,100	1,050
34.30	250	132/315M	273	2,070	311	526	1,005	560	270	1,120	310	580	2,665	1,970	2,550	2,445	1.1	1,600	1,275
35.10	200	132/315M	219.1	1,850	254	454	1,030	600	310	948	330	643	2,410	1,870	2,200	2,144	1.1	1,280	1,050
35.10	250	160/315L	273	2,070	311	526	1,005	560	270	1,120	310	580	2,665	1,970	2,550	2,445	1.1	1,650	1,275
35.20	250	160/315L	273	2,070	311	526	1,005	560	270	1,120	310	580	2,665	1,970	2,550	2,445	1.1	2,100	1,275
36.10	250	250/355M	273	2,070	311	526	1,005	560	270	1,120	310	580	2,665	1,970	2,550	2,600	1.1	2,144	1,275
36.20	300	315/355L	324	2,360	416	651	1,286	590	373	1,192	400	743	2,907	2,300	2,650	2,695	1.5	2,600	1,500



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|------------------|--------------------|--------------------------------|
| 1 Inlet filter | 5 Check valve | 9 Elastic feet |
| 2 Blower | 6 Relief valve | 10 Acoustic hood |
| 3 Frame silencer | 7 Protection guard | 11 Electrical fan |
| 4 Rubber sleeve | 8 Electrical motor | 12 Connecting pipe with flange |

SERVICE EXCELLENCE.



THE CAPS DIFFERENCE

Experience the difference with CAPS' expert industrial equipment servicing. Our **factory-trained technicians** will run a **full diagnostic inspection** on your machine to ensure it keeps running as it should. Using **genuine spare parts** and **model-by-model technical knowledge**, you can rest assured that your machine is in good hands.



ALL MAKES +
MODELS



24/7 SERVICE
NETWORK



FACTORY-TRAINED
TECHNICIANS

BREAKDOWN SUPPORT

Our industry leading breakdown support operates 24 hours a day, 365 days a year. Our technician's combined depth of experience means that we can rapidly find solutions to customers concerns, minimising the effect of delays and downtimes. CAPS invests heavily in a spare parts inventory to ensure there is always a large selection of spares in stock for emergency 24/7 repairs.

OUR FLEXIBLE SERVICE PROGRAMS

The best way to avoid breakdowns is to have your equipment serviced regularly. CAPS flexible service and support programs are designed to minimise equipment faults and unscheduled downtime which can cost you thousands straight off your bottom line. CAPS offers routine maintenance for all makes and models of blowers and related ancillary equipment.

WHAT OUR CUSTOMERS ARE SAYING

"CAPS have supported us very well, with downtime kept to a minimum. Their service staff are well trained, and responsive to our needs."

- David, Bluescope Steel

GET IN TOUCH.

24/7 SUPPORT: 1800 800 878

WEBSITE: CAPS.COM.AU

SHOP: CAPSSHOP.COM.AU

EMAIL: INFO@CAPS.COM.AU

BRANCH LOCATIONS

PERTH (HEAD OFFICE) | KALGOORLIE | MELBOURNE | SYDNEY
NEWCASTLE | ADELAIDE | BRISBANE | MACKAY | DARWIN

SOLVING YOUR AIR AND POWER CHALLENGES.