VAN AIR SYSTEMS

BLAST PAK PRO

THE NEXT GENERATION
PORTABLE COMPRESSED AIR TREATMENT SYSTEM

FEATURES

- All-in-One Portable Package
- No electricity required
- Increase productivity
- 250-1600 SCFM

BENEFITS OF THE BLAST PAK PRO

Portable // Effective // Durable

vanairsystems.com

The Blast Pak *PRO* from Van Air Systems

THE COMPLETE COMPRESSED AIR DRYING SYSTEM.

Blasting contractors know that dry compressed air is key to superior surface preparation. Wet compressed air clogs blast pots, corrodes nozzles, and causes flash rusting. Re-work is costly. Do the job right the first time.

The Blast Pak PRO from Van Air Systems is a complete portable single tower deliquescent drying package engineered specifically for blasting and painting contractors. The complete package is conveniently pre-assembled and welded to a forklift skid, allowing for maximum portability in mobile drying applications. Blast Pak PRO dryers are easily lifted onto the back of a truck or trailer and moved around a worksite.

The Blast Pak *PRO* is a plug-n-play design.

The after-cooler, filter and dryer are fully integrated. Just add Dry-O-Lite desiccant, connect compressed air lines and start delivering clean, dry compressed air with no electricity required.

Van Air Systems offers five Blast Pak *PRO* sizes.

Conveniently aligned with common portable diesel compressor sizes, the Blast Pak PRO is available with capacities of 250, 400, 800, 1200 and 1600 SCFM. For proper sizing please refer to the Pressure/Flow chart on the back of the brochure.

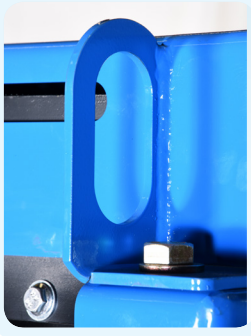
An initial fill of Dry-O-Lite desiccant comes with the purchase of every Blast Pak PRO.

CLOSER LOOK...

MADE IN USA

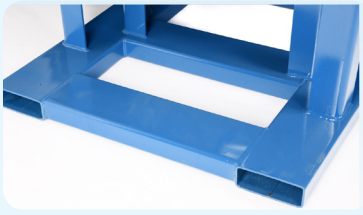
Filter Regulator Lubricator

Lifting Lugs



Tie Downs

Fork Lift Skid



BLAST PAK PRO FEATURES & BENEFITS

- No electricity required, Plug-n-Play design
- Completely portable skid mounted system
- Low pressure drop of <5 PSID
- 1/16" Additional Corrosion allowance added to the dryer pressure vessel
- 2 Step Carboline exterior paint & 2 Step interior paint system for longer vessel life
- Large air motor lubricator bowl to reduce maintenance and ensure longer air motor life (PRO 25-PRO75)
- F200 filter and muffler to eliminate oil residue from the air motor & reduced dBA levels for cleaner, quieter operation
- Removable after cooler assembly for ease of repair/replacement
- ¾" Auxiliary Air Connection before the dryer
- Lifting Lugs & steel fork lift skid for portability
- Tie downs to secure units for transport
- Two sight windows for desiccant viewing
- Hatch cover to easily add desiccant

FREE INITIAL FILL OF DRY-O-LITE DESICCANT INCLUDED (SHIPPED SEPERATELY)

15 YEAR PRORATED WARRANTY ON DRYER PRESSURE VESSEL (FIRST 5 YEARS FULL)

APPLICATIONS

- Mobile Abrasive Blasting
- Painting
- Rentals
- Rail Yards

YOU ASKED. WE LISTENED. Because dry air matters.

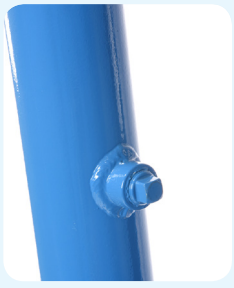
Removable Aftercooler Assembly

After-filter

F200 Exhaust Filter with muffler

Desiccant Sight Window

Air Auxilary Fitting



How does the BLAST PAK PRO work?

The Blast Pak PRO first cools hot and wet air discharged from the compressor. Cooling forces a substantial quantity of entrained moisture to condense.

But even after exiting the after-cooler, the air is saturated with vapor (100% relative humidity). The compressed air then passes through the drying vessel, which contains specially formulated desiccant called Dry-O-lite. The desiccant cuts the humidity of the air roughly in half. Air finally flows through an after-filter to trap any fine particles in the air flow.

Completely portable. Easy to operate. Easier to do your job.

STANDARD EQUIPMENT

- ASME Code Deliquescent Dryer Vessel
- Protective rock guard above aftercooler
- Air motor for after-cooler
- Filter Regulator Lubricator
- Particulate after-filter
- Open frame fork lift skid
- 2 Step Carboline exterior paint
- 2 Step interior paint system
- Four point lifting lugs & Tie downs
- Two dryer sight windows for desiccant viewing
- Manual drain valves
- Initial fill of Dry-O-Lite desiccant

OPTIONAL EQUIPMENT

- Pressure gauge kit
- Temperature gauge kit
- Safety relief valve

Model	PRO Part No.	Air Motor (SCFM)	Inlet Conn. (In.)	Outlet Conn. (In.)	Width (In.)	Height (In.)	Depth* (In.)	Weight Empty (lbs.)	DOL Per Unit (lbs.)
PRO-25	**80-1564**	22	1 1/2 NPT	1 1/2 NPT	48	77	27	700	250
PRO-40	**80-1565**	14	2 NPT	2 NPT	51	77	26	860	400
PRO-50	**80-1566**	27	2 1/2 NPT	2 1/2 NPT	56	83 3/4	32 7/8	1275	500
PRO-75	**80-1567**	33	2 1/2 NPT	3 NPT	62	88	32 7/8	1675	750
PRO-100	**80-1568**	70	3 NPT	3 NPT	71 1/2	94 1/2	43	2100	1000

Note: *Refer to depth size for shipping purposes. Desiccant included and ships on a separate pallet.

BLAST PAK PRO

WHAT'S YOUR PRESSURE? WHAT'S YOUR FLOW?

MODEL	MAXIMUM WORKING PRESSURE	Deli Dryer Flows - SCFM (Nm^3/hr)*						
		60 PSIG 4.1 Bar	80 PSIG 5.5 Bar	100 PSIG 6.9 Bar	125 PSIG 8.6 Bar	150 PSIG 10.3 Bar	175 PSIG 12.1 Bar	200 PSIG 13.8 Bar
PRO 25	200 PSIG 13.8 Bar	**163** 262	**206** 331	**250** 402	**304** 489	**359** 577	**413** 664	**468** 752
PRO 40	200 PSIG 13.8 Bar	**261** 419	**330** 531	**400** 643	**487** 783	**574** 923	**662** 1064	**749** 1204
PRO 50	200 PSIG 13.8 Bar	**521** 838	**661** 1062	**800** 1286	**974** 1567	**1149** 1847	**1323** 2127	**1497** 2408
PRO 75	200 PSIG 13.8 Bar	**782** 1256	**991** 1593	**1200** 1929	**1462** 2350	**1723** 2770	**1985** 3191	**2246** 3611
PRO 100	175 PSIG 12.1 Bar	**1042** 1675	**1321** 2124	**1600** 2572	**1949** 3133	**2297** 3694	**2646** 4254	- -

Cooler sized for 180°F inlet, 90°F ambient and 10°F approach (15°F approach on Pro 25) for flows shown at 100 PSIG.

Fill with DRY-O-LITE® daily.

www.vanairsystems.com

2950 Mechanic Street, Lake City, PA 16423, USA | Toll Free Phone 800-840-9906 | Corporate Fax 814-774-0778 | Order Entry Fax 814-774-3482

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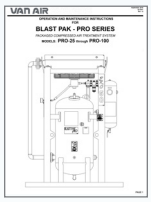
Blast Pak *PRO* Series - PDF Downloads

Installation, Operation and Maintenance Manuals

PRO-25-PRO-100



Sales Drawings

PRO-25	PRO-40	PRO-50	PRO-75	FD-100
COMING SOON	COMING SOON	COMING SOON	COMING SOON	COMING SOON