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 4-way access 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.

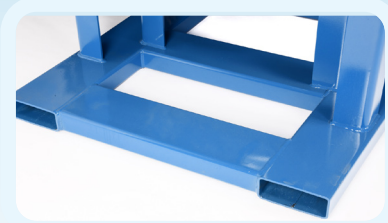
MADE IN USA

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

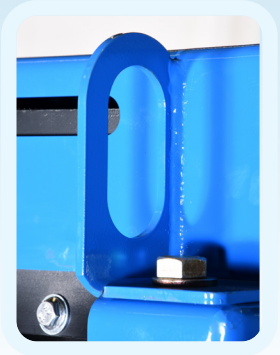
CLOSER LOOK...

Filter Regulator Lubricator

Fork Lift Skid



Lifting Lugs



Tie Downs

NEWLY ADDED: 4 Way Access

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 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
- 4-way access
- 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

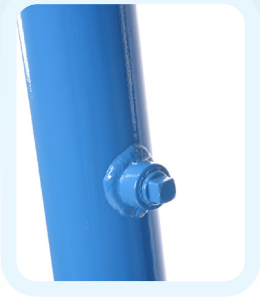
Removable Aftercooler Assembly

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 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
- Optional flexible drain hose
- Optional Manifold

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	53	77	27	754	250
PRO-40	**80-1565**	14	2 NPT	2 NPT	53	77	27	930	400
PRO-50	**80-1566**	27	2 1/2 NPT	2 1/2 NPT	62	83 1/8	32 7/8	1276	500
PRO-75	**80-1567**	33	2 1/2 NPT	3 NPT	62	83 1/8	32 7/8	1526	750
PRO-100	**80-1568**	70	3 NPT	3 NPT	71 1/2	89 9/16	43	2159	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

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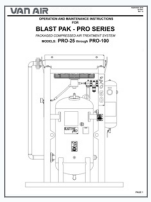
Blast Pak PRO Series - PDF Downloads

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