

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.



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 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
- 4-way access
- 3/4" 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



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.**

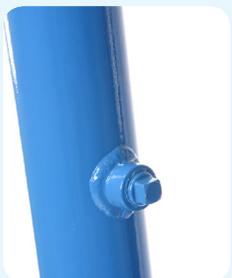
F200 Exhaust Filter with muffler



Desiccant Sight Window



Air Auxiliary Fitting



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
- 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.



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

