

## VanAir BlastPak



# Blast Pak Series

## Portable Compressed Air Treatment System

FEATURES

All-in-One Portable Package

No electricity required

Increase productivity

250-1600 SCFM



### BENEFITS OF THE BLAST PAK

Portable // Effective // Tough

[vanairsystems.com](http://vanairsystems.com)

## The Blast Pak from Van Air Systems

**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.**

What's the ideal solution for the mobile blasting and painting contractor? The Blast Pak from Van Air Systems. The Blast Pak is a completely 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 for mobile drying applications. Blast Pak dryers are easily lifted onto the back of a truck or trailer and moved about a worksite.

### The Blast Pak is a plug-n-play design.

The after-cooler, filter and dryer are fully integrated at the Van Air Systems factory in Lake City, Pennsylvania. 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 sizes.

Conveniently aligned with common portable diesel compressor sizes, the Blast Pak is available with capacities of 250, 400, 800, 1200 and 1600 SCFM.



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



Lifting Lugs



Filter Regulator Lubricator

**Because dry air matters.** *Introducing the Blast Pak family.*



*The Blast Pak has one moving part, an air driven fan. Simplicity means that the Blast Pak is easy to operate and even easier to maintain.*



FD-400

## How does the Blast Pak work?

*Mobile blasting made easy.*

**The Blast Pak 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.**



*The Blast Pak is ideal for bridge work and any job where mobility is key.*



*The Blast Pak reduces down time and re-work.*

**STANDARD EQUIPMENT**

- Air motor for after-cooler
- Open frame fork lift skid
- Four point lifting lugs
- 5 micron particulate after-filter
- Two dryer sight windows for desiccant viewing
- Internal epoxy coating for long vessel life
- Manual drain valve
- Initial fill of Dry-O-Lite desiccant
- ASME Code dryer vessel
- Filter Regulator Lubricator
- Protective screen above aftercooler

**OPTIONAL EQUIPMENT**

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

**DIMENSIONS & SPECIFICATIONS**

Model No.	A		B		C		In/Out Conn.	Air Motor Consumption SCFM	Weight		Dry-O-Lite Qty. Per Unit	
	in	cm	in	cm	in	cm			lbs	kg	lbs	kg
FD-250	77	196	48	122	27	69	1 1/2" NPT	17*	660	299	250	114
FD-400	77	196	49	125	26	66	2" NPT	14	760	345	400	181
FD-800	83 3/4	213	54	137	33	84	2" 1/2 NPT	21	1155	524	500	227
FD-1200	88	224	60	153	33	84	2" 1/2 NPT(In) 3"NPT(Out)	25	1525	691	750	340
FD-1600	94 1/2	240	71 1/2	182	43	110	3" NPT	70	1875	850	1000	453

\*Model FD-250 is also available with a 12V DC motor.

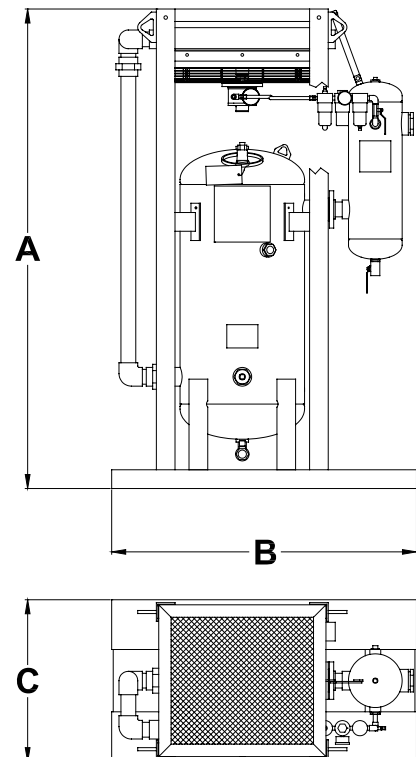
**MAXIMUM CAPACITIES SCFM (Nm3/hr)**

Model No.	60 PSIG 4.1 BARG		80 PSIG 5.5 BARG		100 PSIG 6.9 BARG		125 PSIG 8.5 BARG	
	FD-250	163	262	206	331	250	402	304
FD-400	261	420	330	531	400	643	487	783
FD-800	521	838	661	1063	800	1286	974	1566
FD-1200	782	1257	991	1594	1200	1930	1462	2351
FD-1600	1042	1676	1321	2124	1600	2573	1949	3134

Model No.	150 PSIG 10.3 BARG		175 PSIG 12 BARG		200 PSIG 13.8 BARG	
	FD-250	359	577	413	664	468
FD-400	574	923	662	1064	749	1204
FD-800	1149	1848	1323	2127	1497	2407
FD-1200	1723	2771	1985	3192	2246	3612
FD-1600	2297	3694	2646	4255	-	-

Models FD-250 through FD-1250 have a maximum working pressure of 200 PSIG.  
Model FD-1600 has a maximum working pressure of 175 PSIG.



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