

BOOSTERS

1 and 2-Stage high pressure boosters for Air and Nitrogen

› BK12.3

218 to 725 psig discharge pressure
72 to 185 psig inlet pressure
18 to 70 scfm
5 to 10 hp

› BK12.2

1300 to 5000 psig discharge pressure
72 to 160 psig inlet pressure
4.7 to 17.1 scfm
5 to 7.5 hp

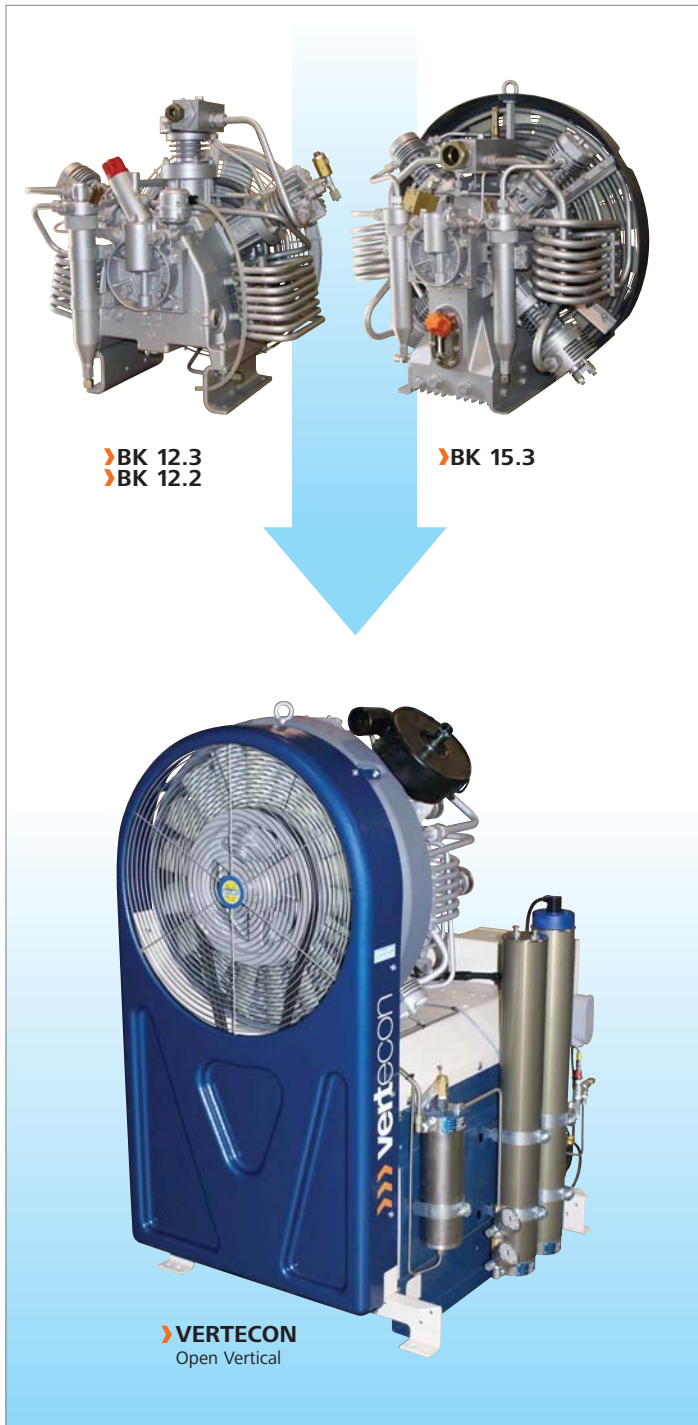
› BK15.3

1300 to 5000 psig discharge pressure
100 to 145 psig inlet pressure
14 to 26.5 scfm
7.5 to 15 hp



- › AIR-COOLED
- › PRESSURE LUBRICATED
- › CONTINUOUS-DUTY RATED
- › AUTOMATIC CONDENSATE DRAIN
- › PLC CONTROL FOR UNATTENDED AUTOMATIC OPERATION
- › OPEN OR ENCLOSED DESIGNS AVAILABLE
- › AVAILABLE PURIFICATION

Boosters



Technical Data

Capacity at specified inlet and discharge pressure at 1300 rpm

	290 psig	435 psig	580 psig	725 psig
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BK12.3

Inlet pressure psig	72	110	145	185
	25.0	41.5	55.0	70.0
	20.0	35.0	48.0	63.0
	18.0	30.0	44.0	59.0
	--	24.0	38.0	53.0

Capacity at specified inlet, discharge pressure and rpm

	900 rpm	1010 rpm	1150 rpm	1230 rpm
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BK12.2

Inlet pressure psig	72 psig	2900	3625	4350	5000
		--	--	4.8	4.7
		6.1	5.8	5.4	5.4
		7.0	6.4	6.4	6.2
	7.3	7.0	6.8	6.7	
	116 psig	2900	3625	4350	5000
		8.9	7.7	8.5	8.1
		10.0	9.4	9.3	9.0
		11.5	11.3	10.7	10.4
	12.1	11.7	11.4	10.9	
	160 psig	2900	3625	4350	5000
		12.5	12.3	11.7	11.6
13.7		13.4	13.1	12.9	
15.7		15.3	14.9	14.6	
17.1	16.8	16.2	15.8		

Capacity at specified inlet pressure and rpm at 4350 psig discharge pressure

	900 rpm	1000 rpm	1100 rpm	1200 rpm
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BK15.3

Inlet pressure psig	100	115	130	145
	14.0	16.2	19.4	22.0
	15.3	17.7	20.6	23.5
	16.5	19.1	22.0	25.0
	18.0	20.6	23.5	26.5

5 hp
7.5 hp
10 hp
15 hp

Tolerance on stated capacities is ± 5%. Capacities are free air delivery.



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