

AIR COMPRESSORS
BLOCAIR®
20-30-55-75-100-150

R O B U S T N E S S



P E R E N N I T Y

AIR
Worthington
Creysensac

BLOCAIR® BL-BK

Reliability in all situations

The BLOCAIR® range of industrial piston air compressors was developed in the pure tradition of the Worthington-Creysensac product range. Designed using top quality materials, for maximum reliability, solidity and lifecycle, BLOCAIR® compressors comply with the requirements of even the most demanding of users.



BLOCAIR® BL 55/250

BLOCAIR® BL 100/475

BLOCAIR® BL 75

A robust design

To guarantee high performance technical feature and a long life cycle, BLOCAIR® compressors are designed using industrial type elements :

- **aluminium/silicate alloy compression cylinders**, combining robust design and light weight, with very good heat dispersion qualities,
- **identical alloy, graphite-coated pistons** : they have the same expansion properties as the cylinders, thus minimising friction and optimising lubrication,
- **cast-iron crankshaft**, mounted on heavy duty ball bearings,
- **stainless steel single disk valves**, with an oversized air opening,
- **over-ventilation by means of a cast-iron centrifugal turbine** to ensure optimum inertia and extremely powerful ventilation.

Air all the time

The BLOCAIR® range has been designed to provide compressed air at just 15°C (max.) above ambient temperature*, even at full load and during continuous operation. As a result, **the unit's air flow is maintained 24 hours a day at full pressure** (We guarantee the performance of these machines with a test certificate).

BLOCAIR® compressors are a lasting investment. They are extremely economical and require little maintenance.

After factory inspections and tests, BLOCAIR® compressors are ready for use ; all you need to do is make the necessary electrical and compressed air connections.

* between + 0°C mini and + 40°C maxi.

BLOCAIR® BL-BK

Industrial quality design

Worthington-Creysensac offers you the choice :

BL

BLOCAIR® BL

Oil Lubricated Compressors



Range available in 2 pressures : 10 bar or 15 bar, and in 2 types : châssis or receiver mounted.

BLOCAIR® BL compressors are supplied complete with an initial fill of Worthington-Creysensac ALTAIR® 3000 oil.

Designed for minimum maintenance, oil change only required after 3000 hours or every 2 years.

Direct drive for maximum efficiency, no belts to re-tension or replace.

BK

BLOCAIR® BK

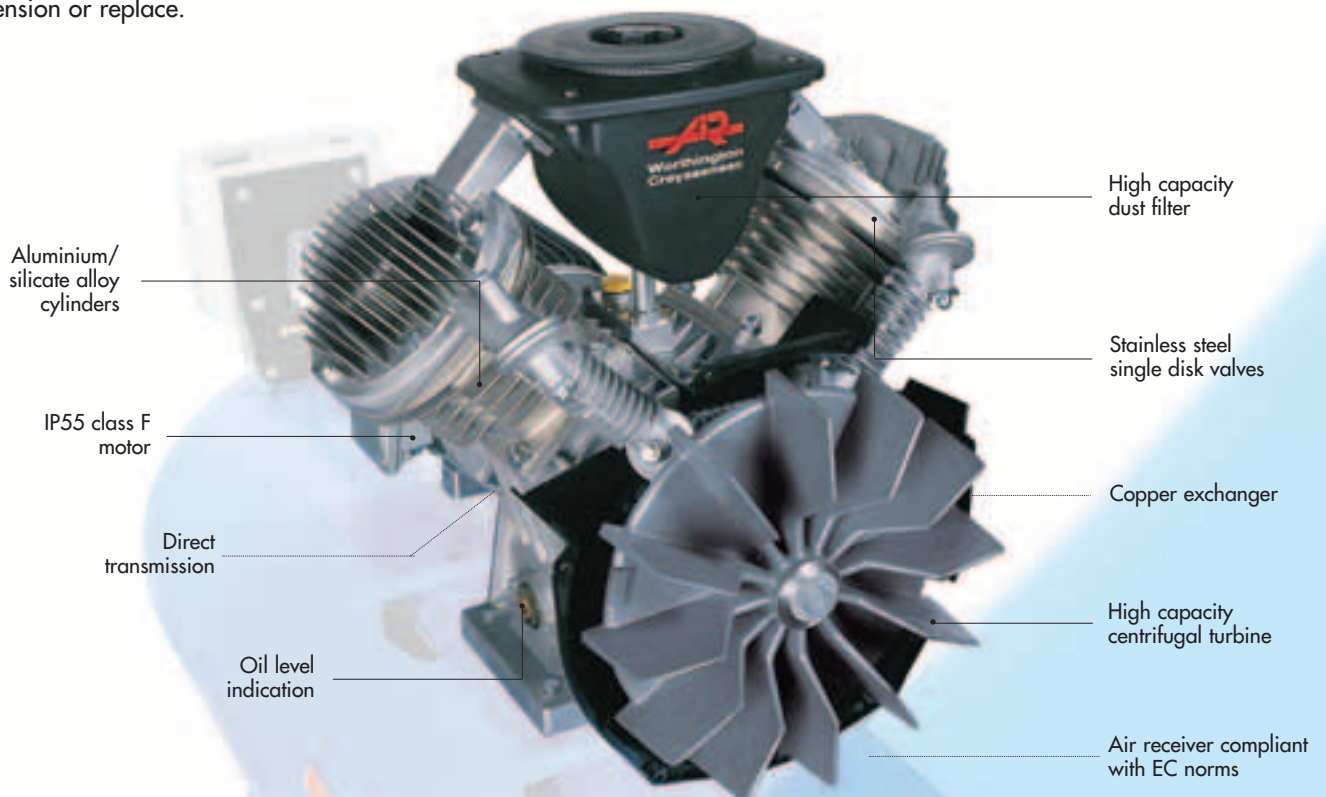
Non lubricated Compressors

Increased cooling efficiency and specially coated cylinders allows the use of non lubricated pistons.

BLOCAIR® BK compressors are designed for simple installation into your compressed air system.

No oil filtration system will be necessary, reducing the cost of pressure drops.

Together with a Worthington-Creysensac DW dryer, the BLOCAIR® BK range will ensure you to get a clean and dry air production for an optimum compressed air quality.



Options available to meet your individual application :

- Heavy duty filter for dusty environment,
- 120 L, 250 L or 475 L receivers,
- Wheel kit (for 120 L or 250 L receivers).

Technical specifications

Version	Max. pressure	* Actual flow rate		Motor power	Receiver capacity	Start-up :	** Air discharge diameter	Weight
	Bar eff.	Cfm	m³/h	kW / Hp	l	DD : direct ET : delta-star	"	kg
Oil lubricated 10 bar version								
BL 20/120	10	7,2	12,2	1,5 / 2	120	DD	1/2	85
BL 30/120	10	9,3	15,8	2,2 / 3	120	DD	1/2	89
BL 55	10	17,8	30,2	4 / 5,5	-	DD/ET	1/2	53
BL 55/250	10	17,8	30,2	4 / 5,5	250	DD/ET	1/2	150
BL 75	10	24,8	42,1	5,5 / 7,5	-	DD/ET	1/2	92
BL 75/475	10	24,8	42,1	5,5 / 7,5	475	DD/ET	1/2	226
BL 100	10	33,3	56,5	7,5 / 10	-	ET	1/2	104
BL 100/475	10	33,3	56,5	7,5 / 10	475	ET	1/2	238
BL 150	10	39,1	67,0	11 / 15	-	ET	1/2	142
BL 150/475	10	39,1	67,0	11 / 15	475	ET	1/2	274
Oil lubricated 15 bar version								
BL 30/120 B	15	8,5	14,4	2,2 / 3	120	DD	1/2	97
BL 30/250 VB	15	8,5	14,4	2,2 / 3	250 vertical	DD	1/2	289
BL 55 B	15	14,2	24,1	4 / 5,5	-	DD/ET	1/2	53
BL 55/250 B	15	14,2	24,1	4 / 5,5	250	DD/ET	1/2	170
BL 55/250 VB	15	14,2	24,1	4 / 5,5	250 vertical	DD	1/2	291
BL 75 B	15	19,5	33,1	5,5 / 7,5	-	DD/ET	1/2	92
BL 75/475 B	15	19,5	33,1	5,5 / 7,5	475	DD/ET	1/2	286
BL 100 B	15	24,8	42,1	7,5 / 10	-	ET	1/2	104
BL 100/475 B	15	24,8	42,1	7,5 / 10	475	ET	1/2	298
BL 150 B	15	37,8	64,1	11 / 15	-	ET	1/2	142
BL 150/475 B	15	37,8	64,1	11 / 15	475	ET	1/2	285
Non lubricated version								
BK 20/120	10	6,6	11,2	1,5 / 2	120	DD	1/2	85
BK 30/120	10	8,5	14,4	2,2 / 3	120	DD	1/2	89
BK 55	10	16,1	27,4	4 / 5,5	-	DD/ET	1/2	92
BK 55/250	10	16,1	27,4	4 / 5,5	250	DD/ET	1/2	191
BK 75	10	19,5	33,1	5,5 / 7,5	-	DD/ET	1/2	92
BK 75/475	10	19,5	33,1	5,5 / 7,5	475	DD/ET	1/2	286
BK 100	10	30,5	51,8	7,5 / 10	-	ET	1/2	167
BK 100/475	10	30,5	51,8	7,5 / 10	475	ET	1/2	225

* 10 bar version : flow-rate measured at 7 bar (eff.) / 15 bar version : flow-rate measured at 12 bar (eff.)

** LH thread

Clearance

Oil lubricated 10 bar version

	length	width	height
BL 20/120	1 118	510	1 017
BL 30/120	1 118	510	1 017
BL 55	686	582	642
BL 55/250	1 915	510	1 082
BL 75	860	693	721
BL 75/475	1 989	592	1 341
BL 100	932	693	721
BL 100/475	1 989	592	1 341
BL 150	1 003	790	740
BL 150/475	1 989	790	1 397

Oil lubricated 15 bar version

	length	width	height
BL 30/120 B	1 118	533	1 017
BL 30/250 VB	817	624	1 615
BL 55 B	686	582	642
BL 55/250 B	1 915	533	1 082
BL 55/250 VB	817	624	1 615
BL 75 B	860	693	721
BL 75/475 B	1 989	606	1 341
BL 100 B	932	693	721
BL 100/475 B	1 989	606	1 341
BL 150 B	1 003	790	740
BL 150/475 B	1 989	790	1 397

Non lubricated version

	length	width	height
BK 20/120	1 118	510	1 017
BK 30/120	1 118	510	1 017
BK 55	860	693	721
BK 55/250	1 920	600	1 162
BK 75	860	714	721
BK 75/475	2 000	600	1 341
BK 100	1 003	790	740
BK 100/475	2 000	790	1 379

Dimensions in mm

BLOCAIR® and ALTAIR® are registered trademarks of Worthington-Creysensac.



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