



Worthington  
Creyssensac



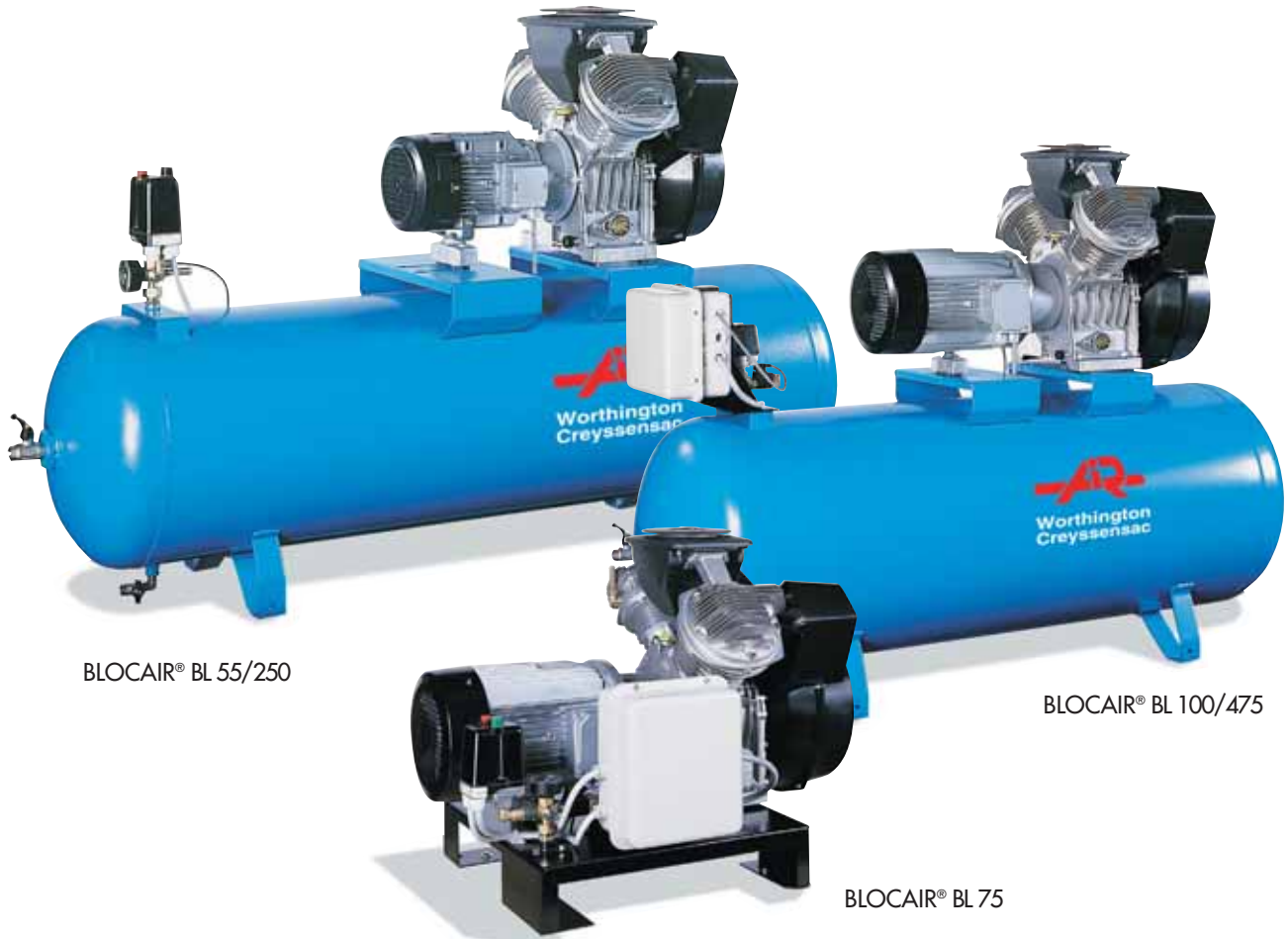
**AIR COMPRESSORS BLOCAIR®**

**20-30-55  
75-100-150**

# **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

# BK

### **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 Worthington-Creysensac **ALTAIR® 3000**.

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.

### **BLOCAIR® BK**

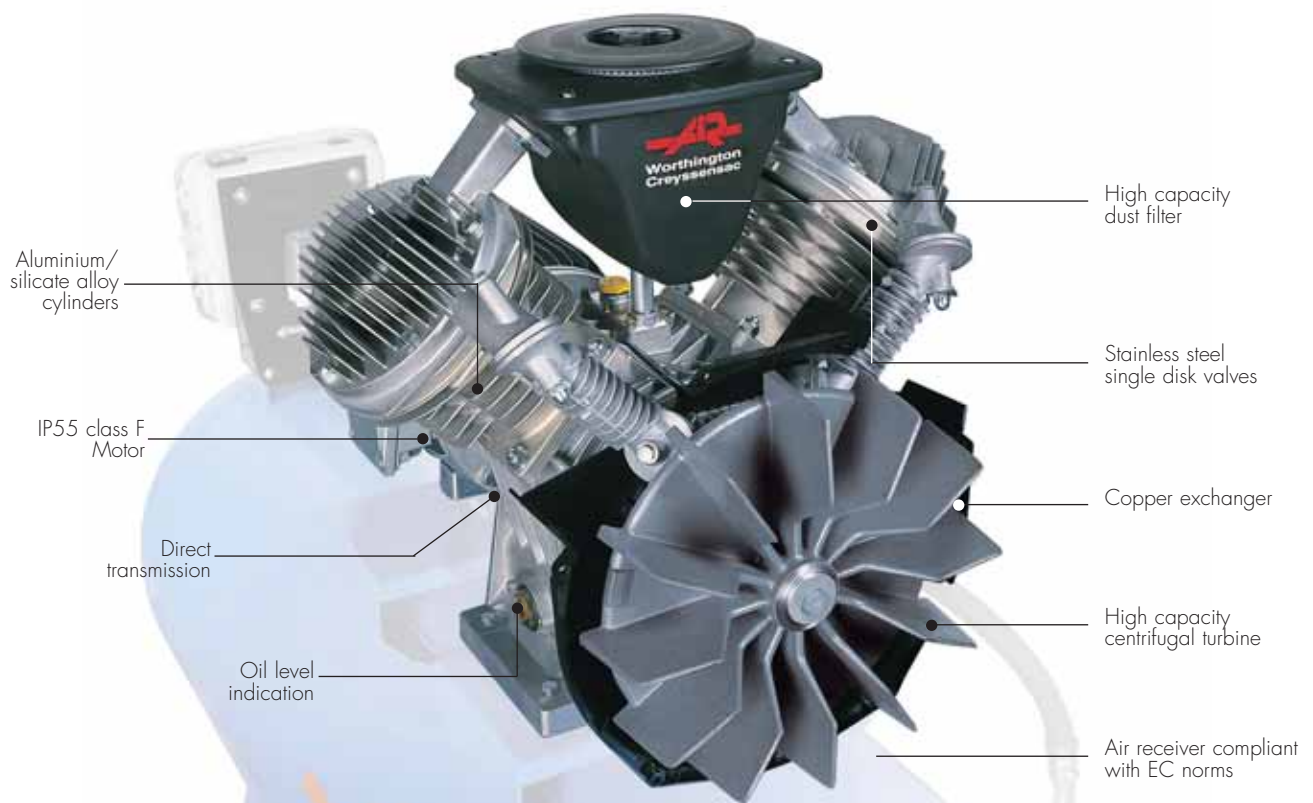
#### **NON LUBRICATED COMPRESSORS**

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,
- 90 L, 250 L or 475 L receivers,
- Wheel kit (for 90 L or 250 L receivers).

# TECHNICAL SPECIFICATIONS

Version	Max. pressure Bar eff.	* Actual flow rate		Motor power kW/HP	Receiver capacity l	Start-up: DD: direct ET: delta-star	** Air discharge diameter mm	Weight kg
		Cfm	m³/h					
<b>Oli lubricated 10 bar version</b>								
<b>BL 20/90</b>	10	7,2	12,2	1,5/2	90	DD	1/2	85
<b>BL 30/90</b>	10	9,3	15,8	2,2/3	90	DD	1/2	89
<b>BL 55</b>	10	17,8	30,2	4/5,5	-	DD/ET	1/2	53
<b>BL 55/250</b>	10	17,8	30,2	4/5,5	250	DD/ET	1/2	150
<b>BL 75</b>	10	24,8	42,1	5,5/7,5	-	DD/ET	1/2	92
<b>BL 75/475</b>	10	24,8	42,1	5,5/7,5	475	DD/ET	1/2	226
<b>BL 100</b>	10	33,3	56,5	7,5/10	-	ET	1/2	104
<b>BL 100/475</b>	10	33,3	56,5	7,5/10	475	ET	1/2	238
<b>BL 150</b>	10	50,7	86,0	11/15	-	ET	1/2	142
<b>BL 150/475</b>	10	50,7	86,0	11/15	475	ET	1/2	298
<b>Oli lubricated 15 bar version</b>								
<b>BL 30/90 B</b>	15	8,5	14,4	2,2/3	90	DD	1/2	97
<b>BL 30/250 VB</b>	15	8,5	14,4	2,2/3	250 vertical	DD	1/2	289
<b>BL 55 B</b>	15	14,2	24,1	4/5,5	-	DD/ET	1/2	53
<b>BL 55/250 B</b>	15	14,2	24,1	4/5,5	250	DD/ET	1/2	170
<b>BL 55/250 VB</b>	15	14,2	24,1	4/5,5	250 vertical	DD	1/2	291
<b>BL 75 B</b>	15	19,5	33,1	5,5/7,5	-	DD/ET	1/2	92
<b>BL 75/475 B</b>	15	19,5	33,1	5,5/7,5	475	DD/ET	1/2	286
<b>BL 100 B</b>	15	24,8	42,1	7,5/10	-	ET	1/2	104
<b>BL 100/475 B</b>	15	24,8	42,1	7,5/10	475	ET	1/2	298
<b>BL 150 B</b>	15	32,9	55,8	11/15	-	ET	1/2	142
<b>BL 150/475 B</b>	15	32,9	55,8	11/15	475	ET	1/2	358
<b>Non lubricated version</b>								
<b>BK 20/90</b>	10	6,6	11,2	1,5/2	90	DD	1/2	85
<b>BK 30/90</b>	10	8,5	14,4	2,2/3	90	DD	1/2	89
<b>BK 55</b>	10	17,4	29,5	4/5,5	-	DD/ET	1/2	53
<b>BK 55/250</b>	10	17,4	29,5	4/5,5	250	DD/ET	1/2	150
<b>BK 75</b>	10	23,3	39,6	5,5/7,5	-	DD/ET	1/2	92
<b>BK 75/475</b>	10	23,3	39,6	5,5/7,5	475	DD/ET	1/2	226
<b>BK 100</b>	10	32,8	55,8	7,5/10	-	ET	1/2	104
<b>BK 100/475</b>	10	32,8	55,8	7,5/10	475	ET	1/2	238

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

\*\* LH thread

## CLEARANCE

### Oli lubricated 10 bar version

	length	wich	height
<b>BL 20/90</b>	960	510	980
<b>BL 30/90</b>	960	510	980
<b>BL 55</b>	686	582	642
<b>BL 55/250</b>	1915	510	1082
<b>BL 75</b>	860	693	721
<b>BL 75/475</b>	1989	600	1341
<b>BL 100</b>	932	693	721
<b>BL 100/475</b>	1989	600	1341
<b>BL 150</b>	1067	800	813
<b>BL 150/475</b>	1975	719	1418

### Oli lubricated 15 bar version

	length	wich	height
<b>BL 30/90 B</b>	960	533	980
<b>BL 30/250 B</b>	817	624	1615
<b>BL 55 B</b>	686	582	642
<b>BL 55/250 B</b>	1915	533	1082
<b>BL 55/250 VB</b>	817	624	1615
<b>BL 75 B</b>	860	707	721
<b>BL 75/475 B</b>	1989	610	1341
<b>BL 100 B</b>	932	707	721
<b>BL 100/475 B</b>	1989	610	1341
<b>BL 150 B</b>	1067	793	813
<b>BL 150/475 B</b>	1975	682	1418

### Non lubricated version

	length	wich	height
<b>BK 20/90</b>	960	510	980
<b>BK 30/90</b>	960	510	980
<b>BK 55</b>	686	582	642
<b>BK 55/250</b>	1915	510	1082
<b>BK 75</b>	860	693	721
<b>BK 75/475</b>	1989	600	1341
<b>BK 100</b>	932	693	721
<b>BK 100/475</b>	1989	600	1341

Dimensions in mm

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### YOUR DISTRIBUTOR



[www.airwco.com](http://www.airwco.com)

