

NITROGEN SERIES COMPRESSOR SYSTEMS



Features a 5-year System and 10-year Block Warranty

Jordair QC Program

- ISO 9001:2015 Cert. FM664273
- CSA Cert. No. LR77799
- CRN Pressure Components
- B&PV Licence MA-2007

System Features:

- Balanced Design
- Low Noise

Block Features:

- Low Oil Consumption
- Oil Filter Cartridge
- High Tech HP Piston
- Heavy Duty Crank

The compressor models shown in this brochure and their electrical controls are registered under CSA and certified accordingly. Changes to any of the electrical controls or components will void the existing CSA certification. A Special Inspection will need to be performed by CSA to certify any custom compressor package. Please consult a Jordair representative for CSA Special Inspection pricing.

Please consult a Jordair representative for a breakdown of all additional costs that may be incurred on a custom compressor.

STANDARD NITROGEN COMPRESSOR FEATURES

The Jordair Nitrogen system includes nationally certified 7300 PSIG oil/water final separator and optional filter systems for added safety and extended component life of 35 operating years.

The standard system includes a full customer touch screen HMI with real time monitoring of oil pressure, inlet pressure, final pressure and final stage discharge temperature.

Compressor service is accessible from a front removable panel for drive belt access and a rear panel for compressor service access. Oil pressure, inter-stage and final pressure gauges are located and installed on the compressor block.

SCOPE OF SUPPLY AND OPTIONS

- Logo 8 PLC with panel mounted 4" x 4" TDE 6 line screen showing compressor fault data
- Low oil alarm and screen display of the fault
- High temperature alarm and screen display of the fault
- Final ASCO pressure switch set for customers required shut down pressure
- Auto-run and manual mode operation with emergency shut down button
- Optional Flexy data modem connection to the customer and service technicians cell phone
- Panel mounted pressure gauge display for final pressure and oil pressure
- Inter-stage pressure gauges are mounted on the block and visible at the back side of the compressor
- Inlet solenoid and pressure gauge with inlet relief valve
- Nationally certified CRN registered 7300 PSIG final coalescing oil/water separator and filter on 5300 PSIG units with the container and with silent collection tank
- Nationally certified CRN registered 1100 PSIG final coalescing oil/water separator and filter on 580/720 PSIG units with the container and with silent collection tank
- Final separator cycle counter to ensure filter system safety and record pressure cycles
- The hour meter is mounted on the door of the MCC control box
- The separator pressure cycle counter is mounted on the door of the MCC control box
- Final separator life rated for 35 years or 100,000 pressure cycles
- Automatic condensate drain and silent collection system
- Inlet filter for compressor intake

Larger capacity compressors up to 250 KW are available upon request. Please consult with a Jordair Compressors representative for technical data and factory quote.

NITROGEN COMPRESSORS

5300 PSIG COMPRESSORS

MODEL	FLOW RATE	MOTOR	FILTER SYSTEM	WEIGHT	SIZE (IN) H x D x W
N5-100-1E	4.4 SCFM	5.0 HP	JS-7300-A-1008	485 LBS	62" x 33" x 42.5"
N5-100-3E	4.4 SCFM	5.0 HP	JS-7300-A-1008	485 LBS	62" x 33" x 42.5"
N5-120-1E	7.6 SCFM	7.5 HP	JS-7300-A-1008	550 LBS	62" x 33" x 42.5"
N5-120-3E	7.6 SCFM	7.5 HP	JS-7300-A-1008	550 LBS	62" x 33" x 42.5"
N5-1214-1E	10.3 SCFM	10.0 HP	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
N5-1214-3E	10.3 SCFM	10.0 HP	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
N5-151-3E	15.0 SCFM	15.0 HP	JS-7300-A-1008	840 LBS	62" x 33" x 42.5"
N5-150-3E	18.0 SCFM	15.0 HP	JS-7300-A-1008	840 LBS	62" x 33" x 42.5"
N5-180-3E	22.0 SCFM	20.0 HP	JS-7300-A-1008	880 LBS	62" x 33" x 42.5"
N5-220-3E	33.0 SCFM	30.0 HP	JS-7300-A-1008	N/A*	N/A*
N5-230-3E	52.0 SCFM	50.0 HP	JS-7300-A-1008	N/A*	N/A*
N5-250-3E	67.0 SCFM	75.0 HP	JS-7300-A-1008	N/A*	N/A*
N5-280-3E	125.0 SCFM	100.0 HP	JS-7300-A-1008	N/A*	N/A*

All 5300 PSIG systems are supplied with the new Jordair 7300 PSIG filter system and protected with a 5300 PSIG relief valve. Please specify if a lower setting is required.

6100 PSIG

MODEL	FLOW RATE	MOTOR	FILTER SYSTEM	WEIGHT	SIZE (IN) H x D x W
N6-100-1E	3.5 SCFM	5.0 HP	JS-7300-A-1008	485 LBS	62" x 33" x 42.5"
N6-100-3E	3.5 SCFM	5.0 HP	JS-7300-A-1008	485 LBS	62" x 33" x 42.5"
N6-120-1E	6.0 SCFM	7.5 HP	JS-7300-A-1008	550 LBS	62" x 33" x 42.5"
N6-120-3E	6.0 SCFM	7.5 HP	JS-7300-A-1008	550 LBS	62" x 33" x 42.5"
N6-1214-1E	10.3 SCFM	10.0 HP	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
N6-1214-3E	10.3 SCFM	10.0 HP	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
N6-1511-3E	15.0 SCFM	15.0 HP	JS-7300-A-1008	840 LBS	62" x 33" x 42.5"
N6-181-3E	19.5 SCFM	20.0 HP	JS-7300-A-1008	880 LBS	62" x 33" x 42.5"
N6-220-3E	33.0 SCFM	30.0 HP	JS-7300-A-1008	N/A*	N/A*

All 6100 PSIG systems are supplied with the new Jordair 7300 PSIG filter system and protected with a 6500 PSIG relief valve. Please specify if a lower setting is required.

7300 PSIG COMPRESSORS

MODEL	FLOW RATE	MOTOR	FILTER SYSTEM	WEIGHT	SIZE (IN) H x D x W
N7-1511-3E	15.0 SCFM	15 HP	JS-7300-A-1008	840 LBS	62" x 33" x 42.5"
N7-181-3E	18.0 SCFM	20 HP	JS-7300-A-1008	880 LBS	62" x 33" x 42.5"

Note: Crated size will add 6" to all unit dimensions and 100 lbs to unit weight

*Information available upon request

NITROGEN BOOSTER COMPRESSORS

580 PSIG SINGLE-STAGE SCREW BOOSTER COMPRESSORS

MODEL	FLOW RATE	MOTOR	SUCTION PRESSURE	FINAL PRESSURE	FILTER SYSTEM	WEIGHT	SIZE (IN) H x D x W
MK80-25-3E	129 SCFM	25 HP	87 TO 203	360-580	JS-1100-24-7	N/A*	N/A*
MK80-30-3E	155 SCFM	30 HP	87 TO 203	360-580	JS-1100-24-7	N/A*	N/A*
MK80-40-3E	206 SCFM	40 HP	87 TO 203	360-580	JS-1100-36-7	N/A*	N/A*
MK80-50-3E	258 SCFM	50 HP	87 TO 203	360-580	JS-1100-36-7	N/A*	N/A*
MK80-60-3E	310 SCFM	60 HP	87 TO 203	360-580	JS-1100-36-7	N/A*	N/A*
MK80-75-E3	388 SCFM	75 HP	87 TO 203	360-580	JS-1100-36-7	N/A*	N/A*

720 PSIG COMPRESSORS

MODEL	FLOW RATE	MOTOR	SUCTION PRESSURE	FINAL PRESSURE	FILTER SYSTEM	WEIGHT	SIZE (IN) H x D x W
NB720-123-1E	16/26 SCFM	7.5 HP	72 PSIG	217/580 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
NB720-123-3E	16/26 SCFM	7.5 HP	72 PSIG	217/580 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
NB720-123-1E	42/25 SCFM	7.5 HP	109 PSIG	217/720 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
NB720-123-3E	42/25 SCFM	7.5 HP	109 PSIG	217/720 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
NB720-123-1E	55/38 SCFM	7.5 HP	145 PSIG	290/720 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
NB720-123-3E	55/38 SCFM	7.5 HP	145 PSIG	290/720 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
NB720-124-1E	70/54 SCFM	10.0 HP	188 PSIG	362/720 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
NB720-124-3E	70/54 SCFM	10.0 HP	188 PSIG	362/720 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"

5000 PSIG COMPRESSORS

MODEL	FLOW RATE	MOTOR	SUCTION PRESSURE	FINAL PRESSURE	FILTER SYSTEM	WEIGHT	SIZE (IN) H x D x W
NB5-122-1E	7.0 SCFM	7.5 HP	72 PSIG	5000 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
NB5-122-3E	7.0 SCFM	7.5 HP	72 PSIG	5000 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
NB5-122-1E	10.4 SCFM	7.5 HP	101 PSIG	5000 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
NB5-122-3E	10.4 SCFM	7.5 HP	101 PSIG	5000 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
NB5-122-1E	13.8 SCFM	7.5 HP	130 PSIG	5000 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
NB5-122-3E	13.8 SCFM	7.5 HP	130 PSIG	5000 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
NB5-122-1E	17.0 SCFM	7.5 HP	159 PSIG	5000 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
NB5-122-3E	17.0 SCFM	7.5 HP	159 PSIG	5000 PSIG	JS-7300-A-1008	705 LBS	62" x 33" x 42.5"
NB5-153-3E	18.0 SCFM	15.0 HP	101 PSIG	5000 PSIG	JS-7300-A-1008	840 LBS	62" x 33" x 42.5"
NB5-153-3E	21.0 SCFM	15.0 HP	116 PSIG	5000 PSIG	JS-7300-A-1008	840 LBS	62" x 33" x 42.5"
NB5-153-3E	23.0 SCFM	15.0 HP	130 PSIG	5000 PSIG	JS-7300-A-1008	840 LBS	62" x 33" x 42.5"
NB5-153-3E	26.0 SCFM	15.0 HP	145 PSIG	5000 PSIG	JS-7300-A-1008	840 LBS	62" x 33" x 42.5"
NB5-1541-3E	16.0 SCFM	15.0 HP	30 PSIG	5000 PSIG	JS-7300-A-1008	N/A*	N/A*
NB5-1541-3E	21.0 SCFM	15.0 HP	45 PSIG	5000 PSIG	JS-7300-A-1008	N/A*	N/A*
NB5-1541-3E	27.0 SCFM	20.0 HP	60 PSIG	5000 PSIG	JS-7300-A-1008	N/A*	N/A*

*Information available upon request

ELECTRONIC MONITORS



eWON Flexy Fault Data Transmitter

The FLEXY data transmitter model provides direct access to the compressor and advises when a fault occurs. The transmitter will interface to a smart phone or to a computer system. In the event of a compressor fault and shutdown the data will be transmitted to Jordair, the customer, and the service group for the system. This assists the compressor operator to have immediate knowledge in the event a fault occurs and the shortest response time to resolve the issue.

TECHNICAL DATA

CAPACITY CALCULATIONS

Compressor Flow Rate, or “Charge Rate”, is based on filling a one hour 88 cubic (ft³) SCBA cylinder from the alarm pressure to 4500 PSIG. Note: Technical specifications subject to change without notice

FILTRATION SYSTEM DESCRIPTION

The JS-7300-A-1008 separators are standard for all Nitrogen models. Separator element should be changed every three months in order to minimize oil carry over in the air stream.

ORDERING INFORMATION

Single Phase Voltages Available: (-1E) 208V, 230V

Three Phase Voltages Available: (-3E) 208V, 230V, 460V, 575V

When placing an order, add the voltage at the end of the model number (eg. IAB720-123-1E-230V)

Standard production is 60Hz, consult the factory for 50 Hz requirements and other voltages

COMPRESSOR UPGRADE OPTIONS

COMPRESSOR FRAME COLOUR:

J-PCU	Change compressor frame powder coating color
J-USP-LF	Complete set of Enclosed Panels - Non Insulated (Large Frame) - 151 to 181
J-CFIP-LF	Complete silent insulation package for the compressor frame
J-E-FAN-20-A-1/2	Auxiliary cooling fan for fully enclosed unit - 100 to 1214
J-E-FAN-20-A-1	Auxiliary cooling fan for fully enclosed unit - 151 to 181
J-ODP-HNS	Outdoor Nitrogen Package (See brochure for full scope)
J-IDP-HNS	Indoor Nitrogen Package (See brochure for full scope)

Note: when enclosing a compressor frame, include the auxiliary fan for perfect cooling of the unit

Outdoor Package Features (J-ODP-HNS)

- Fully enclosed silent temperature insulated compressor frame mounted on an extended base
- Structural uprights and roof covering the complete system with cooling air duct and louver
- 1500 Watt heater
- Internal temperature monitor and auxiliary fan inter-lock
- Inlet filter/buffer
- Inlet pressure gauge, solenoid, manual valve and relief valve
- Gas recovery tank with feedback to inlet

Indoor Package Features (J-ODP-HNS)

- Fully enclosed silent temperature insulated compressor frame mounted on an extended base
- Structural uprights and roof covering the complete system with cooling air duct and louver
- 1500 Watt heater
- Internal temperature monitor and auxiliary fan inter-lock
- Inlet filter/buffer
- Inlet pressure gauge, solenoid, manual valve and relief valve
- Gas recovery tank with feedback to inlet

VARIABLE SPEED DRIVES:

6SL3210-1PC22-2UL0	Variable Speed Drive for 5 HP models
6SL3210-1PC22-8UL0	Variable Speed Drive for 7.5 HP models
6SL3210-1PC24-2UL0	Variable Speed Drive for 10 HP models
6SL3210-1PC25-4UL0	Variable Speed Drive for 15 HP models
6SL3210-1PC26-8UL0	Variable Speed Drive for 20 HP models

COMPRESSOR CONTROLS & INLET ACCESSORIES:

J-LOGO-TUG	Logo 8 module upgrade for oil, final and temperature transmitters
6ED1055-1MA00-0BA2	PLC Module for adder for transmitter
J-S-TP700	Siemens TP700 screen required with the Logo 8 PLC update
J-E-KIT-SWITCH-INLET-1	Inlet Pressure Switch, -30 to 14 PSI
J-E-KIT-SWITCH-INLET-2	Inlet Pressure Switch, 2 to 18 PSI
WIKA-A10	Inlet Pressure Transmitter, -30 +30 PSI
WIKA-A10	Oil Pressure Transmitter
WIKA-A10	Final Pressure Transmitter for Start/Stop
BAY1	Final Temperature Transmitter
J-BASE-SKID	Base skid for mounting of auxiliary components (required for certain add-ons)
J-TANK-60	Inlet Buffer Tank and Fittings
J-PG-PM-CBM-2.5-30+30-D	Inlet Pressure Gauge - (-30 to 30 PSI)
J-PR-125-1.5-3.5-3.8	Inlet Pressure Regulator - 1.5-3.5 PSI Outlet
J-E-SV-2-16-120-P	Inlet Solenoid Valve - 2 Way, 1" FNPT, 120V
J-E-SV-2-24-120-P	Inlet Solenoid Valve - 2 Way, 2" FNPT, 120V
EWON-FLEXY	Transmitter to report faults to Jordair, the customer, and the service provider

COMPRESSOR FILTRATION SYSTEM:

JBF-7300-6-16-A	Add bare filter chamber and fittings - 7300 PSIG, 16" Barrel
JBF-7300-6-22-A	Add bare filter chamber and fittings - 7300 PSIG, 22" Barrel
JBF-7300-6-22-S-A	Add bare filter chamber and fittings - 7300 PSIG, 22" Barrel, Securus Cap
JBF-7300-6-32-A	Add bare filter chamber and fittings - 7300 PSIG, 32" Barrel
JBF-7300-6-32-S-A	Add bare filter chamber and fittings - 7300 PSIG, 32" Barrel, Securus Cap
JBF-1100-6.5-33-A	Jumbo Filter Chamber - 1100 PSIG, 33" Barrel
JBF-6400-9.5-BRL-35	Jumbo Filter Chamber - 6400 psig, 35" Barrel
N15096-C	Securus Moisture Monitor
N15096-CU	Securus upgrade from the JBP41 to the JBP61 filter system

FILTER CARTRIDGES:

FC-1008-SE	Separator Coalescing Element
FC-1008-SE-HF	Separator Coalescing Element, for high purity and oil removal
FC-NFFF12-R	High purity, high capacity separator element for Air, Nitrogen & Helium 0.01 micron
80100	Cartridge, Bauer, For 16" Chamber, Drying & Oil
62504	Cartridge, Bauer, For 22" Chamber, Drying
62565	Cartridge, Bauer, For 22" Chamber, Drying & Oil
61686	Cartridge, Bauer, For 22" Chamber, Drying & Oil, Securus
58825	Cartridge, Bauer, For 32" Chamber, Drying
58826	Cartridge, Bauer, For 32" Chamber, for wet gases and oil removal
68622	Cartridge, Bauer, For 32" Chamber, for dry gases and oil removal
60036	Cartridge, Bauer, For 32" Chamber, Drying & Oil, Securus
67867	Cartridge, Bauer, Super Jumbo, For P141 System, Drying & Oil Removal

COMPRESSOR SERVICE PARTS LISTS

Note: The following service parts list are for the default model of compressor, models with any changes or upgrades to the filtration system will differ. Consult your compressors original Test Report in the manual to find your systems service parts.

For IK 100, 120, 1214 Models

For 151, 1511, 150, 180, 181 Models

QTY	Part Name	Part Number
1	Oil Filter	N25326
1	Separator Element	FC-1008-SE
2	Separator O-Ring	J-OR-2-334
2	Separator Backup Ring	J-OR-8-334
1	Synthetic Oil 4 Litre	J-C751-4

QTY	Part Name	Part Number
1	Oil Filter	N25326
1	Separator Element	FC-1008-SE
2	Separator O-Ring	J-OR-2-334
2	Separator Backup Ring	J-OR-8-334
2	Synthetic Oil 4 Litre	J-C751-4

Note: Jordair recommends changing both O-rings and backup rings for the filter and separator top and base caps during service as well as inspecting the barrels from both sides for any damage or deterioration. It also provides the opportunity to ensure all threads are in good condition and lubricated.

COMPRESSOR BLOCK TECHNICAL DATA

5000 PSIG BLOCKS

COMPRESSOR BLOCK	SPEED	FLOW RATE	STAGES	MOTOR		FINAL PRESSURE
				HP	KW	
IK100	1270	4.4 SCFM	3	5.0	3.6	5000 PSIG
IK120	1470	7.6 SCFM	3	7.5	5.5	5000 PSIG
IK1214	1470	10.3 SCFM	4	10.0	7.3	5000 PSIG
IK151	1320	15.0 SCFM	4	15.0	11.0	5000 PSIG
IK150	1230	18.0 SCFM	4	15.0	11.0	5000 PSIG
IK180	1320	22.0 SCFM	4	20.0	14.7	5000 PSIG
IK220	1320	33.0 SCFM	4	30.0	20.5	5000 PSIG
IK230	1400	52.0 SCFM	4	50.0	34.0	5000 PSIG
IK250	1180	67.0 SCFM	4	75.0	41.0	5000 PSIG
IK280	1180	125.0 SCFM	4	100.0	72.0	5000 PSIG

6000 PSIG BLOCKS

COMPRESSOR BLOCK	SPEED	FLOW RATE	STAGES	MOTOR		FINAL PRESSURE
				HP	KW	
IK100	1050	3.5 SCFM	3	5.0	3.6	6000 PSIG
IK120	1200	6.0 SCFM	3	7.5	5.5	6000 PSIG
IK1214	1470	10.3 SCFM	4	10.0	7.3	6000 PSIG
IK1511	1320	15.0 SCFM	4	15 HP	11.0	6000 PSIG
IK181	1490	19.5 SCFM	5	20 HP	15.0	6000 PSIG
IK220	1320	33.0 SCFM	4	30 HP	22.0	6000 PSIG

6500 PSIG BLOCKS

COMPRESSOR BLOCK	SPEED	FLOW RATE	STAGES	MOTOR		FINAL PRESSURE
				HP	KW	
IK1511	1320	10.0 SCFM	4	10.0	7.3	6500 PSIG
IK1511	1320	15.0 SCFM	4	15.0	11.0	6500 PSIG
IK181	1320	18.0 SCFM	5	20.0	15.0	6500 PSIG

7000 PSIG BLOCKS

COMPRESSOR BLOCK	SPEED	FLOW RATE	STAGES	MOTOR		FINAL PRESSURE
				HP	KW	
IK1511	1320	10.0 SCFM	4	20.0	14.7	7000 PSIG
IK1511	1320	15.0 SCFM	4	15.0	11.0	7000 PSIG
IK181	1320	19.5 SCFM	5	20.0	14.7	7000 PSIG
IK259	1180	67.0 SCFM	5	60.0	45.0	7000 PSIG
IK2518	1100	80.0 SCFM	5	75.0	55.0	7000 PSIG

720 PSIG BOOSTER BLOCKS

COMPRESSOR BLOCK	SPEED	FLOW RATE	STAGES	MOTOR		SUCTION PRESSURE	FINAL PRESSURE
				HP	kW		
BK123*	1300 RPM	16/26 SCFM	1	7.5	5.5	72 PSIG	217/580 PSIG
BK123	1300 RPM	42/25 SCFM	1	7.5	5.5	109 PSIG	217/720 PSIG
BK123	1300 RPM	55/38 SCFM	1	7.5	5.5	145 PSIG	290/720 PSIG
BK124	1300 RPM	70/54 SCFM	1	10.0	7.3	188 PSIG	362/720 PSIG

5000 PSIG BOOSTER BLOCKS

COMPRESSOR BLOCK	SPEED	FLOW RATE	STAGES	MOTOR		SUCTION PRESSURE	FINAL PRESSURE
				HP	kW		
BK122	1230 RPM	7.0 SCFM	2	7.5	5.5	72 PSIG	5000 PSIG
BK122	1230 RPM	10.4 SCFM	2	7.5	5.5	101 PSIG	5000 PSIG
BK122	1230 RPM	13.8 SCFM	2	7.5	5.5	130 PSIG	5000 PSIG
BK122	1230 RPM	17.0 SCFM	2	7.5	5.5	159 PSIG	5000 PSIG
BK153	1140 RPM	18.0 SCFM	2	15.0	11.0	101 PSIG	5000 PSIG
BK153	1140 RPM	21.0 SCFM	2	15.0	11.0	116 PSIG	5000 PSIG
BK153	1140 RPM	23.0 SCFM	2	15.0	11.0	130 PSIG	5000 PSIG
BK153	1140 RPM	26.0 SCFM	2	15.0	11.0	145 PSIG	5000 PSIG

* Paired rows share the same compressor block. The model number with the * is the actual block number. The other compressor blocks run at different speeds and therefore have been given a different number.

BAUER COMPRESSOR BLOCK FEATURES

- High velocity, full flow cooling fan assembly that produces high velocity airflow over the coolers, pressure cylinders and crankcase to cool the compressed air and lubricating oil.
- Drive gear designed for an operating life of up to 30,000 hours.
- Stainless steel inter-coolers and after-coolers for high efficiency cooling and corrosion free operation.
- Cylinders are hardened through a plasma-nitrate process for up to 10,000 hours of operating life and low wear with excellent lubricating oil retention.
- Redesigned rings for the HP piston are synthetic material for low wear and a long operating life with very little oil carry over.
- Single-piece crankcase made of a high strength aluminum alloy for higher stability, larger oil capacity, and low vibration.
- Full flow oil system with a crankshaft-driven gear pump and full flow oil filter.
- Visual oil level indicator is designed show the accurate oil level.
- Reed valve on the first stage which offers higher efficiency and redesigned intake filter reduces intake valve noise.
- Final stage oil cooled cylinder and cylinder-head for lower air discharge temperature.
- Bauer compressor blocks provide the highest level of reliability and virtually no oil carryover into the compressed air stream. This ensures perfect filtration with original Bauer filter cartridges and the longest cartridge life.

IK100, IK100-420



IK120, IK120-420



IK1214



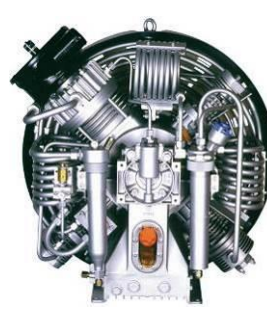
IK151, IK1511



IK150, IK180



IK181



IK220



NOTE: Jordair reserves the right to change models or scope of supply at its own discretion and without notice; obtaining current factory quotations and technical product descriptions is highly recommended.