

# Small Recip Category



**SmartCost**  
Partnership : Solution

**IR** Ingersoll Rand  
Industrial Technologies

# Single & Two Stage Cast Iron Industrial Reciprocating Air Compressors Standard & Premier Package

Ingersoll Rand reciprocating air compressor has been the leader in its class, whether this is measured by reliability, efficiency, rugged, flexibility or maintainability, it has no equal. In its many configurations, the SS & T30 air compressor has been applied in every thinkable industry, both manufacturing and service which use compressed air. Designed for heavy industrial applications, the single and two stage reciprocating air compressors provide the quality and performance that exceed customer requirements.

When you select an Ingersoll Rand reciprocating air compressor, you've selected a compressor that is world renowned for its quality and reliability. Engineered for high-performance, reliability and efficiency, Ingersoll Rand reciprocating compressors provide easy operation and low maintenance.

## SS, Single-Stage Series

These "SS" series air compressors are the latest design heavy duty single-stage cast iron air compressors designed and built by Ingersoll Rand to industrial quality for continuous duty operation, long term durability and less maintenance. These twin cylinder block design air compressors have conservative running speed for prolonged life.



S3B2S

## What do you get from a Standard SS Package

- Heavy Duty Cast Iron Pump
- Efficient Electric Motor
  - Built-in thermal relay (Single phase)
  - 1.15 S.F, TEFC, IP54 protection, Class F insulation (Three phase)
- Highly Reliable Magnetic Starter
  - Direct-on-line (3hp-10hp)
- Time Proven Parts & Components
- Totally Enclosed Wired Beltguard
- Approved ASME Coded Air Receiver with 3rd party Certification.



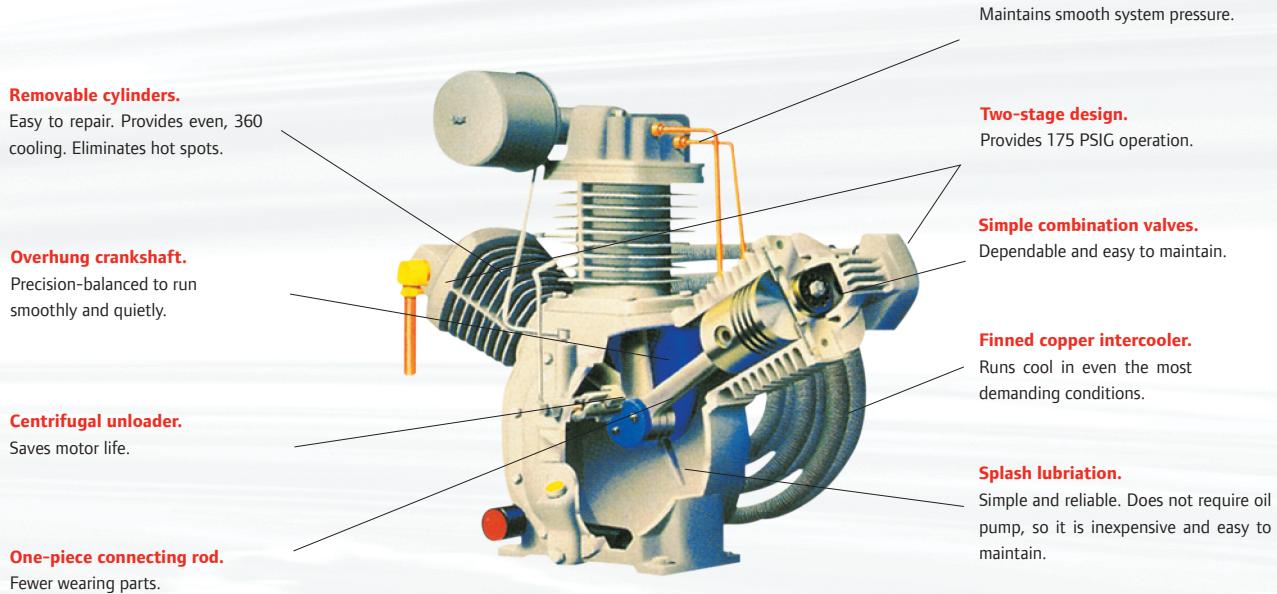
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# TS, Two-Stage Series

## What are the Benefits and Advantages of Type 30

- 100% Cast Iron frame and separately-cast cylinders
  - Precision machined high quality cast iron cylinders with deep radial fins, suitable for heavy duty operation and longer life.
- Heat treated stainless steel finger valve assembly
  - Provides a larger flow area resulting in lesser heat and carbon build-up. Easy removal simplifies servicing.
- Efficient finned intercooler tubes
  - Runs cooler, resulting in a more efficient compressor that consumes lesser power and lasts longer.
- Balanced overhung crankshaft
  - Precision balanced for smooth running with replaceable crankpin bushing that protects the crankshaft from damage.
- Rugged one-piece connecting rod
  - Solid-end precision type. No bolts or nuts which can come loose.
- Centrifugal unloader for No Load start
  - Prevents motor from starting under load. Eliminates possibility of motor burn out.
- Factory-filled synthetic lubricants
  - Reduces carbon buildup. Extends lubricant change period. Improves compressor performance and increases compressor life

## 100% Cast Iron



## Standard Package

Ingersoll Rand's Two-stage "Standard Package" air compressors are designed for the most demanding applications where a dependable air supply is required. Perfect for automotive, commercial and industrial applications.

When performance is defined by maximum operating pressure, increased air flow, and extended duty cycles, Ingersoll Rand is the product of choice.

### What do you get from a Standard Package

- Heavy Duty Cast Iron Pump
- Efficient Electric Motor
  - Built-in thermal relay (Single phase)
  - TEFC IP54 protection, Class F insulation (Three phase)
- Highly Reliable Magnetic Starter
  - Direct-on-line (3hp – 10hp)
  - Star Delta (15hp – 30hp)
- Time Proven Parts & Components
- Totally Enclosed Wired Beltguard
- ASME Coded Air Receiver with 3rd Party Certification.



2475L5/12



2475K5/8



2545C10/12

## Premier Package

Ingersoll Rand's high performance two-stage, fully packaged air compressors are designed and engineered, keeping in mind the increasing demands of the industrial market. These fully packaged air compressors offer maximum performance in a durable, high quality package for the most demanding applications where dependable air supply is essential.

Each fully packaged air compressor comes complete with pre-installed magnetic motor starter, aircooled after-cooler, low oil level shutdown switch and fully enclosed sheetmetal beltguard. These packages are suitable for automotive, commercial or industrial applications.

When performance is defined by maximum operating pressure, increased air flow, and extended duty cycles, Ingersoll Rand is the product of choice.

## What do you get from a Premier Package

- Heavy Duty Cast Iron Pump
- Full Time Low Oil Level Protection Switch
- Efficient Electric Motor
  - TEFC IP54 protection, Class Finsulation (Three phase)
- Highly Reliable Magnetic Starter
  - Star Delta (15hp – 30hp)
- Aircooled After-cooler
- Time Proven Parts & Components
- Totally Enclosed Sheetmetal Beltguard
- ASME Coded Air Receiver with 3rd Party Certification



7100D15/12-FF



3000E30/12-FF

# High Pressure Aircooled Reciprocating Air Compressors

## Dependable Type 30® Air Compressors Designed Specifically for High Pressure Operation.

Ingersoll Rand's Type 30 range of reciprocating air compressors have been outperforming the competition for 75 years. Our high pressure version is no different.

These air-cooled, multi-stage, splash-lubricated air compressors are available from 3hp - 20hp and are designed for applications requiring high pressure air from 300 psig to 6,000 psig.

Type-30 high pressure air compressors are simplistic in design, providing superior reliability and enhanced serviceability.

These compressors have extra heavy duty components and are designed for maximum performance and minimum maintenance.

When performance is defined by maximum operating pressure, increased air flow, and extended duty cycles, Type-30 high pressure is the product of choice.

### Standard Scope of Supply (Standard Package)

#### Base plate mounted units

- Heavy duty cast iron pump
- Oil level sight glass
- Interstage safety valves and pressure gauges
- Discharge check valve & safety valve
- Manual drain valves on interstage drain legs
- Efficient TEFC electric motor, IP54, 1.15 S.F
- Rugged steel baseplate
- Enclosed wired beltguard
- Vee-belt drive(single piece pulley)
- High pressure, pressure switch (supplied loose)
- Magnetic starter (supplied loose)

Direct-on-line for 15hp & below

Star-delta with solenoid valve for 20hp

- Factory filled XL740HT synthetic lubricant



231XB3/35



7T2XB10/35

#### Optional Accessories

- Low oil level shutdown switch
- Auto condensate drain valve

## T30 Series Non-Lubricated Air Compressors

T30 Non-Lubricated Air Compressor is one of the many patented products designed and built by Ingersoll Rand over last 75 years. T30 Single and Two Stage Non-Lubricated Air Compressors provide high quality compressed air where lubricant carryover is less than 0.01ppm that meets the international advanced standards.

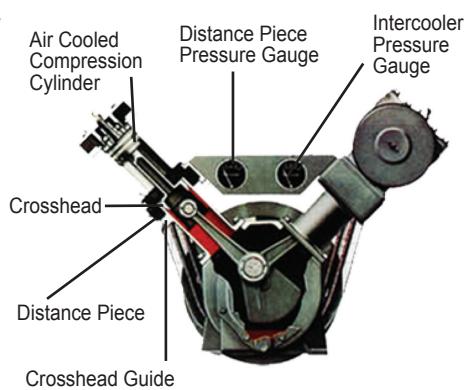
### T30 Non-Lubricated Air Compressors Have Many Features & Advantages

- Compact in Design
- Low Noise
- Less Vibration
- Efficient Cooling System
- Simple and Easy to Install
- No Foundation Required
- Readily for Use and Operate
- 



### T30 Non-Lubricated Air Compressors are Widely Used in Many Industries Selected

- Pharmaceuticals
- Petroleum Industry
- Instrumentation
- Food Processing
- Building Materials
- Electronics
- Nitrogen, Air Separation
- Textile Industry
- Light Industry
- Tobacco Industry
- Hospitals
- Chemical Industry
- Spray Painting
- Feed Processing



### Features

#### ➤ Unique NL Cylinder Design

Crosshead and pressurized distance piece keeps oil out of air cylinder space.

Self-lubricating piston rings prevent metal to metal contact with good sealing and low friction.

#### ➤ Stainless Steel Valves

Service-proved finger and ring valve with hardened stainless steel wearing parts assure long trouble-free operation in non-lubricated service.

#### ➤ Distance Piece Pressure Gauge

Excessive distance piece pressure indicates piston rings wear without costly tear-down inspection.

#### ➤ Intercooler Pressure Gauge

High interstage pressure alerts the operator when valve maintenance is required without costly tear-down. Both gauges save on down time and costly inspections.

### Main Features

- Heavy Cast Iron Design
- Premium Quality
- Powder Coat Painting Enhances Antirust
- Greater Reliability
- Efficient Cooling System
- Long Term Durability



# Non-lubricated Air Cooled Reciprocating Air Compressors Standard & Premier Package

## SS, Single-Stage Air Compressors Performance Data and Dimensions

Model	Motor/Engine Horsepower		Speed	Piston Displacement		Free Air Delivery				Receiver Size	Dimension			Weight
	HP	Kw		cfm	l/min	cfm	l/min	100psig	125psig		mm	Length	Width	
S1B1	1.0	0.75	650	4.5	127	3.4	96	3.0	85	23	85	1020 x 400 x 770	120	285
S1B1S	1.0	0.75	650	4.5	127	3.4	96	3.0	85	23	85	1100 x 445 x 810	120	265
SBB2S	2.0	1.65	740	10.2	289	7.2	203	6.6	187	23	85	1100 x 445 x 880	125	275
S3B2	2.0	1.5	765	10.5	289	7.4	210	6.8	192	23	85	1100 x 445 x 880	145	320
S3F3S	3.0	2.2	1060	14.6	414	9.9	280	9.4	265	30	114	1160 x 505 x 900	140	308
S3F3	3.0	2.2	1160	16.0	453	10.7	303	10.2	290	30	114	1160 x 505 x 900	147	324
S5K5	5.5	4.1	985	27.4	780	17.8	506	16.7	472	40	150	1460 x 510 x 1000	230	507
S10C7	7.5	5.6	735	40.6	1162	27.1	780	25.5	724	60	230	1780 x 555 x 1060	303	683
S10C10	10.0	7.5	970	54.0	1535	36.0	1021	33.8	958	60	230	1780 x 555 x 1060	330	728
S3F5G	5.0	3.7	1060	14.6	414	9.9	280	9.4	265	30	114	1160 x 505 x 900	150	330

## TS, 2-Stage Air Compressors (Standard Package)

### Performance Data and Dimensions

Model	Motor Horsepower		Speed	Piston Displacement		Free Air Delivery		Receiver Size		Dimension			Weight
	HP	Kw		RPM	cfm	l/min	cfm	l/min	Gal	Litres	mm	Length	Width
<b>HORIZONTAL RECEIVER UNIT - 8.8kg/cm<sup>2</sup> (125psig)</b>													
2340K3/8	3.0	2.2	1100	12.4	350	9.8	278	40	150	1440 x 540 x 970	223	492	
2340K5/8	5.5	4.1	1500	16.8	478	13.4	380	40	150	1440 x 540 x 970	240	530	
2475K5/8	5.5	4.1	1060	21.2	600	17.4	492	40	150	1440 x 540 x 1000	245	541	
2475C5/8	5.5	4.1	1060	21.2	600	17.4	492	60	230	1740 x 620 x 1050	294	649	
2475C7/8	7.5	5.6	1340	26.8	759	21.7	615	60	230	1740 x 620 x 1050	307	678	
2545C7/8	7.5	5.6	765	30.4	862	25.1	710	60	230	1740 x 620 x 1130	355	784	
2545C10/8	10.0	7.5	1020	40.5	1149	34.2	968	60	230	1740 x 620 x 1130	374	825	
7100D15/8	15.0	11.2	1030	56.6	1604	47.2	1336	80	303	1890 x 880 x 1326	583	1287	
3000E20/8	20.0	14.9	780	85.8	2430	70.7	2002	120	445	1900 x 1100 x 1540	750	1656	
3000E25/8	25.0	18.6	930	103.2	2898	84.8	2402	120	445	1900 x 1100 x 1540	780	1722	
3000E30/8	30.0	22.4	1045	115.0	3256	95.6	2708	120	445	1900 x 1100 x 1540	800	1766	
<b>HORIZONTAL RECEIVER UNIT - 12.3kg/cm<sup>2</sup> (175psig)</b>													
2340K3/12	3.0	2.2	1100	12.4	350	9.6	270	40	150	1440 x 540 x 970	223	492	
2340K5/12	5.5	4.1	1500	16.8	478	13.2	375	40	150	1440 x 540 x 970	240	530	
2475K5/12	5.5	4.1	1060	21.2	600	17.1	484	40	150	1440 x 540 x 1000	245	541	
2475C5/12	5.5	4.1	1060	21.2	600	17.1	484	60	230	1740 x 620 x 1050	294	649	
2475C7/12	7.5	5.6	1340	26.8	759	21.5	609	60	230	1740 x 620 x 1050	307	678	
2545C7/12	7.5	5.6	765	30.4	862	24.4	700	60	230	1740 x 620 x 1130	355	784	
2545C10/12	10.0	7.5	1020	40.5	1149	34.0	963	60	230	1740 x 620 x 1130	374	825	
7100D15/12	15.0	11.2	1030	56.6	1604	46.7	1294	80	303	1890 x 800 x 1325	583	1287	
3000E20/12	20.0	14.9	740	81.4	2305	66.7	1889	120	445	1900 x 1100 x 1540	750	1656	
3000E25/12	25.0	18.6	930	102.3	2898	84.5	2393	120	445	1900 x 1100 x 1540	780	1722	
3000E30/12	30.0	22.4	1045	115.0	3256	94.9	2688	120	445	1900 x 1100 x 1540	800	1766	

## TS, 2-Stage Air Compressors (Standard Package)

### Performance Data and Dimensions

Model	Motor Horsepower		Speed RPM	Piston Displacement		Free Air Delivery		Receiver Size		Dimension Length Width Height		Weight	
	HP	Kw		cfm	l/min	cfm	l/min	Gal	Litres	mm	Kg	Lb	
<b>VERTICAL RECEIVER UNIT - 12.3kg/cm<sup>2</sup> (175psig)</b>													
2340L3/12	3.0	2.2	1100	12.4	350	9.6	270	60	230	860 x 540 x 1850	223	492	
2340L5/12	5.5	4.1	1500	16.8	478	13.2	375	60	230	860 x 540 x 1850	240	530	
2475L5/12	5.5	4.1	1060	21.2	600	17.1	484	60	230	930 x 540 x 1900	285	629	
2475N7/12	7.5	5.6	1340	26.8	759	21.5	609	80	303	1050 x 640 x 2000	350	773	
2545N7/12	7.5	5.6	765	30.4	862	24.7	700	80	303	1050 x 640 x 2000	372	820	
2545N10/12	10.0	7.5	1030	40.5	1149	34.0	963	80	303	1050 x 640 x 2000	391	891	
<b>BASEPLATE UNIT - 12.3kg/cm<sup>2</sup> (175psig)</b>													
2340XB3/12	3.0	2.2	1100	12.4	350	9.6	270	-	-	900 x 471 x 490	110	242	
2475XB5/12	5.5	4.1	1060	21.2	600	17.1	484	-	-	951 x 560 x 540	135	322	
2545XB7/12	7.5	5.6	765	30.4	862	24.7	700	-	-	1080 x 740 x 630	205	452	
2545XB10/12	10.0	7.5	1020	40.5	1149	34.0	963	-	-	1080 x 740 x 630	221	487	
7100XB15/12	15.0	11.2	1030	56.6	1604	46.7	1294	-	-	1206 x 780 x 770	298	657	
3000XB20/12	20.0	14.9	740	81.4	2305	66.7	1889	-	-	1370 x 850 x 920	435	960	
3000XB25/12	25.0	18.6	930	102.3	2898	84.5	2393	-	-	1370 x 850 x 920	468	1032	
3000XB30/12	30.0	22.4	1045	115.0	3256	94.9	2688			1370 x 850 x 920	485	1070	
<b>BASEPLATE UNIT - 17.6kg/cm<sup>2</sup> (1250psig)</b>													
H2340XB3/18	3.0	2.2	1040	11.7	332	8.9	252	-	-	900 x 470 x 490	110	242	
H2475XB5/18	5.5	4.1	900	17.0	510	14.1	400	-	-	950 x 560 x 540	146	322	
H2545XB7/18	7.5	5.6	615	24.5	692	19.0	538	-	-	1080 x 740 x 630	205	452	
H7100XB10/18	10.0	7.5	750	41.2	1168	32.8	929	-	-	1260 x 780 x 770	298	657	
H15TXB15/18	15.0	11.2	700	63.6	1802	46.0	1302	-	-	1370 x 850 x 920	405	893	
H15TXB20/18	20.0	14.9	900	81.8	2317	58.0	1642	-	-	1370 x 850 x 920	435	960	

## TS, 2-Stage Air Compressors (Premier Package)

### Performance Data and Dimensions

Model	Motor Horsepower		Speed RPM	Piston Displacement		Free Air Delivery		Receiver Size		Dimension Length Width Height		Weight	
	HP	Kw		cfm	l/min	cfm	l/min	Gal	Litres	mm	Kg	Lb	
<b>HORIZONTAL RECEIVER UNIT - 8.8kg/cm<sup>2</sup> (125psig)</b>													
7100D15/8-FF	15.0	11.2	1030	56.6	1604	47.2	1336	80	303	1890 x 880 x 1325	583	1287	
3000E20/8-FF	20.0	14.9	780	85.8	2430	70.7	2002	120	445	1900 x 1100 x 1540	750	1656	
3000E25/8-FF	25.0	18.5	930	102.3	2898	84.8	2402	120	445	1900 x 1100 x 1540	780	1722	
3000E30/8-FF	30.0	22.4	1045	115.0	3256	95.6	2708	120	445	1900 x 1100 x 1540	800	1766	
<b>HORIZONTAL RECEIVER UNIT - 12.3kg/cm<sup>2</sup> (175psig)</b>													
7100D15/12-FF	15.0	11.2	1030	56.6	1604	46.7	1294	80	303	1890 x 880 x 1325	583	1287	
3000E20/12-FF	20.0	14.9	740	81.4	2305	66.7	1889	120	445	1900 x 1100 x 1540	750	1656	
3000E25/12-FF	25.0	18.5	930	102.3	2898	84.5	2393	120	445	1900 x 1100 x 1540	780	1722	
3000E30/12-FF	30.0	22.4	1045	115.0	3256	94.9	2688	120	445	1900 x 1100 x 1540	800	1766	
<b>BASEPLATE UNIT - 12.3kg/cm<sup>2</sup> (175psig)</b>													
7100XB15/12-FF	15.0	11.2	1030	56.6	1604	46.7	1294	-	-	1260 x 780 x 770	298	657	
3000XB20/12-FF	20.0	14.9	740	81.4	2305	66.7	1889	-	-	1370 x 850 x 920	435	960	
3000XB25/12-FF	25.0	18.5	930	102.3	2898	84.5	2393	-	-	1370 x 850 x 920	468	1032	
3000XB30/12-FF	30.0	22.4	1045	115.0	3256	94.9	2688	-	-	1370 x 850 x 920	458	1070	

## Specifications - Standard Package

Model	Horsepower		Speed	Max Pressure	Piston Displacement		Free Air Delivery		No of Cylinder	Compression Stage	Dimension	Weight
	HP	KW			cfm	m³/min	cfm	m³/min				
231XB3/35	3	2.2	660	500	7.4	0.21	4.8	0.14	2	2	908x540x590	165
223XB5/211	5.5	4.1	985	3000	11.1	0.31	5.2	0.15	2	2	908x540x590	205
7T4XB5/70	5.5	4.1	800	1000	13.1	0.37	6.2	0.18	2	2	1260x950x800	295
7T2XB7/35	7.5	5.5	580	500	26.4	0.75	15.7	0.45	2	2	1260x950x800	321
7T2XB10/35	10	7.5	800	500	36.4	1.03	21.6	0.62	2	2	1260x950x800	325
PA-15/30	15	11	900	425	49.5	1.40	37.7	1.07	3	3	1400x1030x860	473
15T2XB15/35	15	11	900	500	49.5	1.40	37.7	1.07	3	3	1400x1030x860	473
15T2XB15/55	15	11	785	800	43.1	1.23	32.3	0.92	3	3	1400x1030x860	473
15T2XB15/70	15	11	725	1000	39.8	1.13	29.7	0.85	3	3	1400x1030x860	473

Reference Conditions: Inlet Pressure - 1 bar, temperature 20 deg C.

\* double-acting cylinder 1st & 2nd stage

## NON-LUBRICATED AIR COMPRESSORS PERFORMANCE DATA AND DIMENSIONS.

Model	Motor Horsepower		Speed	Piston Displacement		Free Air Delivery		Receiver Size	Dimension			Weight
	HP	Kw		cfm	l/min	cfm	l/min		Gal	Litres	mm	
<b>HORIZONTAL RECEIVER UNIT - 8.6BARG</b>												
23ANLK2	2.0	1.5	720	8.1	230	4.3	122	40	150	1410 x 535 x 1080	210	463
5T2NLC5	5.5	4.1	635	26.4	748	17.8	504	60	230	1650 x 650 x 1340	407	898
5T2NLC7	7.5	5.6	780	37.2	1053	21.8	617	60	230	1650 x 650 x 1340	417	920
5T2NLD10	10.0	7.5	930	44.3	1255	26.0	736	80	303	1840 x 700 x 1340	445	982
10T3NLE15	15.0	11.2	790	67.1	1900	45.8	1297	120	445	1860 x 930 x 1650	732	1614
10T3NLE20	20.0	14.9	960	81.9	2320	55.7	1578	120	445	1860 x 930 x 1650	745	1642
<b>HORIZONTAL RECEIVER UNIT - 8.6BARG</b>												
5T2NLC7-FF	7.5	5.6	780	37.2	1053	21.8	617	60	230	1650 x 650 x 1340	430	948
5T2NLD10-FF	10.0	7.5	930	44.3	1255	26.0	736	80	303	1840 x 700 x 1340	460	1014
10T3NLE15-FF	15.0	11.2	790	67.1	1900	45.8	1297	120	445	1860 x 930 x 1650	750	1654
10T3NLE20-FF	20.0	14.9	960	81.9	2320	55.7	1578	120	445	1860 x 930 x 1650	762	1680
<b>BASEPLATE UNIT - 8.6BARG</b>												
23ANLXB2	2.0	1.5	720	8.1	230	4.3	122	--	--	850 x 440 x 630	96	212
5T2NLXB5	5.5	4.1	635	26.4	748	17.8	504	--	--	1280 x 730 x 810	257	567
5T2NLXB7	7.5	5.6	780	37.2	1053	21.8	617	--	--	1280 x 730 x 810	267	589
5T2NLXB10	10.0	7.5	930	44.3	1255	26.0	736	--	--	1420 x 730 x 810	291	642
10T3NLXB15	15.0	11.2	790	67.1	1900	45.8	1297	--	--	1450 x 800 x 1030	492	1085
10T3NLXB20	20.0	14.9	960	81.9	2320	55.7	1578	--	--	1450 x 860 x 1030	505	1114
<b>BASEPLATE UNIT - 8.6BARG</b>												
5T2NLXB7-FF	7.5	5.6	780	37.2	1053	21.8	617	--	--	1280 x 730 x 810	280	617
5T2NLXB10-FF	10.0	7.5	930	44.3	1255	26.0	736	--	--	1420 x 730 x 810	306	675
10T3NLXB15 FF	15.0	11.2	790	67.1	1900	45.8	1297	--	--	1450 x 800 x 1030	510	1125
10T3NLXB20-FF	20.0	14.9	960	81.9	2320	55.7	1578	--	--	1450 x 860 x 1030	522	1151

## NON-LUBRICATED AIR COMPRESSORS SCOPE OF SUPPLY.

Model	Starter	Beltguard	Aircooled Aftercooler	Low Oil Level Switch	Pressure Switch	Auxiliary Valve	Safety Valve(Tank)	Safety Valve(C/V)
<b>HORIZONTAL RECEIVER UNIT - 8.6BARG</b>								
23ANLK2	DOL	Wired	N	N	Y	N	Y	Y
5T2NLC5	DOL	Wired	N	N	Y	N	Y	Y
5T2NLC7	DOL	Wired	N	N	Y	N	Y	Y
5T2NLD10	DOL	Wired	N	N	Y	N	Y	Y
10T3NLE15	DOL	Wired	N	N	N	Y	Y	Y
10T3NLE20	SDS	Wired	N	N	N	Y	Y	Y
<b>HORIZONTAL RECEIVER UNIT - 8.6BARG</b>								
5T2NLC7-FF	DOL	Sheetmetal	Y	Y	Y	N	Y	Y
5T2NLD10-FF	DOL	Sheetmetal	Y	Y	Y	N	Y	Y
10T3NLE15-FF	SOS	Sheetmetal	Y	Y	N	Y	Y	Y
10T3NLE20-FF	SDS	Sheetmetal	Y	Y	N	Y	Y	Y
<b>BASEPLATE UNIT - 8.6BARG</b>								
23ANLXB2	DOL	Wired	N	N	Y	N	Y	Y
5T2NLXB5	DOL	Wired	N	N	Y	N	Y	Y
5T2NLXB7	DOL	Wired	N	N	Y	N	Y	Y
5T2NLXB10	DOL	Wired	N	N	Y	N	Y	Y
10T3NLXB15	DOL	Wired	N	N	N	Y	Y	Y
10T3NLXB20	SDS	Wired	N	N	N	Y	Y	Y
<b>BASEPLATE UNIT - 8.6BARG</b>								
5T2NLXB7-FF	DOL	Sheetmetal	Y	Y	Y	N	Y	Y
5T2NLXB10-FF	DOL	Sheetmetal	Y	Y	Y	N	Y	Y
10T3NLXB15 FF	SDS	Sheetmetal	Y	Y	N	Y	Y	Y
10T3NLXB20-FF	SDS	Sheetmetal	Y	Y	N	Y	Y	Y

# **SmartCost**

Partnership : Solution

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