



# mb air systems ltd

## Customised Engineered Packages

These are available to meet individual customers configurations and specifications.

This 'special' package was designed and built for a Middle-East Oil Company and includes duplex 7100 T30 compressors and dryers, filters and controls all by Ingersoll-Rand.



## All Season Select®

All Season Select® lubricant is a synthetic, all-temperature blend that is designed to increase efficiency, reduce wear and prevent carbon buildup. It performs four times longer than petroleum-based lubricants. Recommended 2,000 hours of service between lubricant change-out under normal operating conditions.

- Specifically formulated for T30 Cast Iron Range machines
- Extended working life
- Reduced friction
- Eliminates carbon build-up
- Longer oil change intervals - 2000 hours or 2 years
- Greater fire resistance
- Excellent high temperature protection
- Easy start-up



## Warranty

- 2 years warranty for T30 packages

T30 Reciprocating Air Compressors

T30 T30  
Reciprocating Air Compressors

AIR SOLUTIONS ON DEMAND



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CPI 2227/2025



## T30 Two Stage Reciprocating Compressor

## Oilless

## Two Stage Non-Lubricated

### 75 Years on and still going strong

The Ingersoll-Rand T30 has been the leader in its class since it was introduced in 1929. Whether this is measured by reliability, efficiency, rugged flexibility or maintainability, it has no equal.

Designed for heavy industrial applications, the two stage reciprocating air compressors provide the quality and performance that exceed customer requirements.

Others may claim to handle heavy duty applications, but the T30 defines the concept. Run it in the most demanding intermediate duty application imaginable.

It won't make any difference because this compressor performs with total dependability in the most demanding, heavy-duty industrial applications.

Throughout this brochure we try to show you some of the features which make the T30 unique and ideal to meet your demands of a compressor package in the 2-30 HP range.

Many compressor applications need care and experience to ensure that the correct machine and configuration is selected to provide the level of efficiency and reliability which you expect.

Our Sales offices and Distributors are ideally qualified and experienced to assist you in this task. If you are seeking information about a new compressor, advice about an existing installation or ancillary equipment or spare parts, you will find knowledge available to assist you.

After all, we've been doing this for over 100 years!



Ingersoll-Rand's oilless air compressors were designed for the tough requirements of industries demanding oil-free air. Superior dual cooling and precision fit of high quality components provide reliable 24-hour continuous operation.

### Standard Features

- CE Marked receivers to 87/404/EEC
- 4 pole IP55 TEFV Motor
- Standard voltage 400-3-50
- Auto Start and Stop regulation by pressure switch up to 7.5hp
- Dual control regulation 10hp and above
- Star Delta starting available from 10hp
- Aftercoolers standard on all units
- Receiver mounted auto drain
- Safety relief valve and check valve fitted



OL5F55

This T30 has no oil in the cylinders, but uses teflon rings and rider bands. They supply air free from oil. They are available on base or receiver, with versions from 2 to 20 HP.

### Standard Features

- CE Marked receivers to 87/404/EEC
- 4 pole IP55 TEFV Motor
- Standard voltage 400-3-50
- Auto Start and Stop regulation by pressure switch up to 4 hp
- Constant Speed Control regulation by auxiliary valve from 5.5hp on base mounted units
- Constant speed control regulation by auxiliary valve from 10hp on receiver mounted units
- DOL starting by pressure switch up to 5.5hp
- Star Delta starting available from 10hp
- Inlet air filter
- Pressure Gauge from receiver pressure
- Low oil level switch fitted as standard



10T3NLH200



| Model     | Bare Unit | Motor kW | Motor hp | Pressure Max bar(g) | Receiver litres | Piston Displacement l/min | Revolutions per minute rpm | Dimensions LxWxH cm |
|-----------|-----------|----------|----------|---------------------|-----------------|---------------------------|----------------------------|---------------------|
| OL5F55    | OL5       | 4.0      | 5.5      | 8.6                 | 270             | 690                       | 820                        | 146 x 64 x 112      |
| OL5X55    | OL5       | 4.0      | 5.5      | 8.6                 | -               | 690                       | 820                        | 106 x 54 x 59       |
| OL5F75    | OL5       | 5.5      | 7.5      | 8.6                 | 270             | 930                       | 1100                       | 146 x 64 x 112      |
| OL5X75    | OL5       | 5.5      | 7.5      | 8.6                 | -               | 930                       | 1100                       | 106 x 54 x 59       |
| OL10H100  | OL10      | 7.5      | 10       | 8.6                 | 500             | 1430                      | 1135                       | 187 x 70 x 129      |
| OL10X100  | OL10      | 7.5      | 10       | 8.6                 | -               | 1430                      | 1135                       | 128 x 66 x 65       |
| OL15H200  | OL15      | 15       | 20       | 8.6                 | 500             | 1900                      | 945                        | 187 x 70 x 129      |
| OL15X200  | OL15      | 15       | 20       | 8.6                 | -               | 1900                      | 945                        | 128 x 66 x 65       |
| OL25VH300 | OL25      | 22       | 30       | 8.6                 | 500             | 3300                      | 1100                       | 220 x 115 x 216     |
| OL25X300  | OL25      | 22       | 30       | 8.6                 | -               | 3300                      | 1100                       | 185 x 94 x 116      |

| Model      | Bare Unit | Motor kW | Motor hp | Pressure Max bar(g) | Receiver litres | Piston Displacement l/min | Revolutions per minute rpm | Dimensions LxWxH cm | Weight kg |
|------------|-----------|----------|----------|---------------------|-----------------|---------------------------|----------------------------|---------------------|-----------|
| 23ANLE20   | 23ANL     | 1.5      | 2.0      | 6.9                 | 200             | 230                       | 730                        | 137 x 51 x 108      | 170       |
| 235HNLE30  | 235HNL    | 2.2      | 3.0      | 6.9                 | 200             | 310                       | 490                        | 143 x 54 x 107      | 210       |
| 235HNL40   | 235HNL    | 3.0      | 4.0      | 6.9                 | 270             | 450                       | 710                        | 146 x 54 x 111      | 232       |
| 5T2NLH100  | 5T2NL     | 7.5      | 10       | 8.6                 | 500             | 1010                      | 900                        | 187 x 63 x 153      | 475       |
| 10T3NLH150 | 10T3NL    | 11       | 15       | 8.6                 | 500             | 1500                      | 670                        | 187 x 69 x 192      | 615       |
| 10T3NLH200 | 10T3NL    | 15       | 20       | 8.6                 | 500             | 2000                      | 890                        | 187 x 69 x 192      | 630       |
| 23ANLX20   | 23ANL     | 1.5      | 2.0      | 6.9                 | N/A             | 230                       | 730                        | 80 x 48 x 59        | 84        |
| 235HNLX30  | 235HNL    | 2.2      | 3.0      | 6.9                 | N/A             | 310                       | 490                        | 92 x 56 x 58        | 127       |
| 235HNLX40  | 235HNL    | 3.0      | 4.0      | 6.9                 | N/A             | 450                       | 710                        | 92 x 56 x 58        | 127       |
| 5T2NLX55   | 5T2NL     | 4.0      | 5.5      | 8.6                 | N/A             | 640                       | 570                        | 128 x 63 x 82       | 227       |
| 5T2NLX100  | 5T2NL     | 7.5      | 10       | 8.6                 | N/A             | 1010                      | 900                        | 128 x 63 x 82       | 252       |
| 10T3NLX150 | 10T3NL    | 11       | 15       | 8.6                 | N/A             | 1500                      | 670                        | 154 x 79 x 115      | 360       |
| 10T3NLX200 | 10T3NL    | 15       | 20       | 8.6                 | N/A             | 2000                      | 890                        | 154 x 79 x 115      | 380       |



## Vacuum Pumps

## The Inside Story

For vacuum applications, single and two stage base mounted packages are available.

### Standard Features

- 4 pole IP55 TEFV Motor
- Standard voltage 400-3-50
- Star Delta starting available from 10hp
- Factory-fill of lubricant



7VX75

### No other Reciprocating Compressor offers these efficient, cost-saving features:

- A durable cast iron pump which provides 15,000 + hours of trouble-free service
- A 100% copper finned intercooler lowers operating temperatures and extends pump life
- An overhung crankshaft and single-piece connecting rod allow access to the running gear for easy maintenance
- Individually cast cylinders provide flexible, less expensive maintenance on just one cylinder at a time rather than servicing the entire pump

### The Inside Story

**Removable cylinders**  
Easy to repair, provides even, 360° cooling and eliminates hot spots

**Overhung crankshaft**  
Precision balanced to run smoothly and quietly

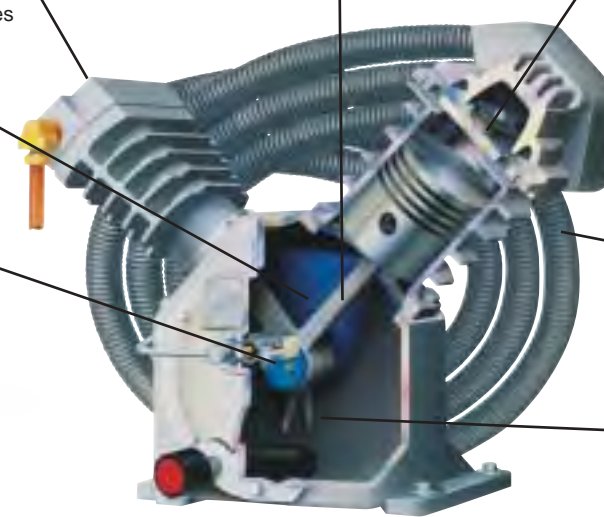
**Centrifugal unloader**  
(From 10HP on)  
Saves motor life

**One piece connecting rod**  
For few wearing parts

**Simple multifinger valves**  
Dependable and easy to maintain

**Finned Intercooler**  
Runs cool, even in the most demanding conditions

**Splash Lubrication**  
Simple and reliable, does not require an oil pump, making the system inexpensive and easy to maintain



| Model    | Bare Unit | Motor |     | Vacuum Max |      | Receiver litres | Piston Displacement l/min | Revolutions per minute rpm | Dimensions LxWxH cm | Weight kg |
|----------|-----------|-------|-----|------------|------|-----------------|---------------------------|----------------------------|---------------------|-----------|
|          |           | kW    | hp  | mm Hg      | %    |                 |                           |                            |                     |           |
| V235X20  | V235      | 1.5   | 2.0 | 737        | 97.0 | -               | 510                       | 790                        | 83 x 46 x 48        | 95        |
| V235TX20 | V235T     | 1.5   | 2.0 | 752        | 98.9 | -               | 255                       | 790                        | 83 x 46 x 48        | 95        |
| V244X30  | V244      | 2.2   | 3.0 | 737        | 97.0 | -               | 900                       | 790                        | 88 x 56 x 53        | 148       |
| V244TX30 | V244T     | 2.2   | 3.0 | 753        | 99.1 | -               | 450                       | 790                        | 88 x 56 x 53        | 148       |
| V255X55  | V255      | 4.0   | 5.5 | 737        | 97.0 | -               | 1730                      | 770                        | 92 x 63 x 61        | 173       |
| V255TX55 | V255T     | 4.0   | 5.5 | 754        | 99.2 | -               | 870                       | 770                        | 92 x 63 x 61        | 173       |
| 7VX75    | 7V        | 5.5   | 7.5 | 737        | 97.0 | -               | 2800                      | 900                        | 122 x 65 x 72       | 260       |
| 7VTX75   | 7VT       | 5.5   | 7.5 | 753        | 99.1 | -               | 1400                      | 900                        | 122 x 65 x 72       | 260       |
| 15VX100  | 15V       | 7.5   | 10  | 742        | 97.0 | -               | 3600                      | 770                        | 137 x 79 x 88       | 325       |
| 15VTX100 | 15VT      | 7.5   | 10  | 754        | 99.2 | -               | 2400                      | 770                        | 137 x 79 x 88       | 325       |





## Two Stage Lubricated

### Standard Features

- CE Marked receivers to 87/404/EEC
- 4 pole IP55 TEFV Motor
- Standard voltage 400-3-50
- Auto Start and Stop regulation by pressure switch up to 7.5 hp receiver mounted units
- Dual control regulation on 10hp to 30hp receiver mounted units
- Constant Speed Control on 10hp to 30hp Base Mounted units
- DOL starting by pressure switch up to 7.5hp
- DOL starter (10hp to 30hp)
- Star Delta Starter available from 5.5hp
- Low oil level switch fitted from 10hp to 30hp
- Totally enclosed belt guard design
- Dry type inlet filter
- Flexible discharge tube
- Factory-fill of lubricant



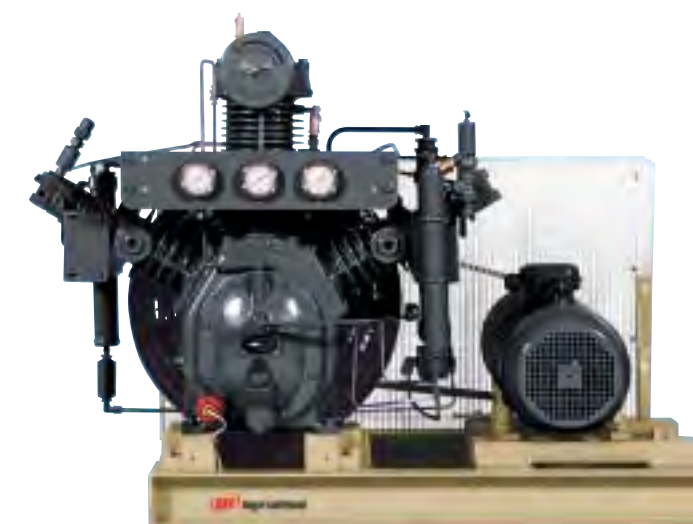
AE3E30

## High Pressure

Range of base-mounted compressors that can reach pressures as high as 345 bar.

### Standard Features

- 4 pole IP55 TEFV Motor
- Standard voltage 400-3-50
- Auto Start and Stop regulation by pressure switch
- DOL starting by pressure switch
- Star Delta starting available from 10hp
- Low oil level switch fitted as standard (except model 231x30)
- Intercooler fitted
- Inlet air filter
- Cast iron multi stage pump unit
- Factory-fill of lubricant



H15T4X200

| Model   | Pump Unit | Motor |      | Pressure Max<br>bar(g) | Receiver<br>litres | Piston<br>Displacement |       | Dimensions<br>LxWxH<br>cm | Weight<br>kg |
|---------|-----------|-------|------|------------------------|--------------------|------------------------|-------|---------------------------|--------------|
|         |           | kW    | hp   |                        |                    | l/min                  | CFM   |                           |              |
| AE3E30  | 2340      | 2.2   | 3.0  | 11.0                   | 200                | 290                    | 10.2  | 138 x 49 x 98             | 140          |
| AE3F40  | 2340      | 3.0   | 4.0  | 11.0                   | 270                | 396                    | 13.9  | 146 x 49 x 103            | 160          |
| AE3F55  | 2475      | 4.0   | 5.5  | 11.0                   | 270                | 525                    | 18.5  | 146 x 53 x 106            | 180          |
| AE3H75  | 2475      | 5.5   | 7.5  | 11.0                   | 500                | 705                    | 24.9  | 187 x 53 x 116            | 260          |
| AE3H100 | 2545      | 7.5   | 10.0 | 11.0                   | 500                | 1010                   | 35.6  | 187 x 74 x 126            | 315          |
| AE3H150 | 7100      | 11.0  | 15.0 | 11.0                   | 500                | 1440                   | 50.8  | 187 x 71 x 138            | 425          |
| AE3H200 | 7100      | 15.0  | 20.0 | 11.0                   | 500                | 1720                   | 60.7  | 187 x 71 x 138            | 435          |
| AE3H250 | 3000      | 18.5  | 25.0 | 11.0                   | 500                | 2640                   | 93.2  | 187 x 83 x 152            | 580          |
| AE3H300 | 3000      | 22.0  | 30.0 | 11.0                   | 500                | 2960                   | 104.5 | 187 x 83 x 152            | 600          |
| E3E30   | 2340      | 2.2   | 3.0  | 14.0                   | 200                | 290                    | 10.2  | 137 x 49 x 95             | 180          |
| E3F40   | 2340      | 3.0   | 4.0  | 14.0                   | 300                | 370                    | 13.0  | 160 x 49 x 100            | 195          |
| E3F55   | 2475      | 4.0   | 5.5  | 14.0                   | 300                | 525                    | 18.5  | 160 x 49 x 103            | 230          |
| E3H75   | 2475      | 5.5   | 7.5  | 14.0                   | 500                | 660                    | 23.3  | 187 x 61 x 122            | 303          |
| E3H100  | 2545      | 7.5   | 10.0 | 14.0                   | 500                | 1010                   | 35.6  | 187 x 74 x 130            | 360          |
| E3H150  | 7100      | 11.0  | 15.0 | 14.0                   | 500                | 1280                   | 45.2  | 187 x 71 x 141            | 505          |
| E3H200  | 7100      | 15.0  | 20.0 | 14.0                   | 500                | 1720                   | 60.7  | 187 x 71 x 141            | 520          |
| E3H250  | 3000      | 18.5  | 25.0 | 14.0                   | 500                | 2640                   | 93.2  | 187 x 83 x 157            | 635          |
| E3H300  | 3000      | 22.0  | 30.0 | 14.0                   | 500                | 2960                   | 104.5 | 187 x 83 x 157            | 635          |
| E3X30   | 2340      | 2.2   | 3.0  | 14.0                   | N/A                | 290                    | 10.2  | 82 x 49 x 50              | 90           |
| E3X40   | 2340      | 3.0   | 4.0  | 14.0                   | N/A                | 370                    | 13.0  | 82 x 49 x 50              | 90           |
| E3X55   | 2475      | 4.0   | 5.5  | 14.0                   | N/A                | 525                    | 18.5  | 85 x 53 x 53              | 115          |
| E3X75   | 2475      | 5.5   | 7.5  | 14.0                   | N/A                | 660                    | 23.3  | 85 x 53 x 53              | 135          |
| E3X100  | 2545      | 7.5   | 10.0 | 14.0                   | N/A                | 1010                   | 35.6  | 106 x 74 x 66             | 183          |
| E3X150  | 7100      | 11.0  | 15.0 | 14.0                   | N/A                | 1280                   | 45.2  | 126 x 71 x 80             | 292          |
| E3X200  | 7100      | 15.0  | 20.0 | 14.0                   | N/A                | 1720                   | 60.7  | 126 x 71 x 80             | 292          |
| E3X250  | 3000      | 18.5  | 25.0 | 14.0                   | N/A                | 2640                   | 93.2  | 133 x 83 x 92             | 460          |
| E3X300  | 3000      | 22.0  | 30.0 | 14.0                   | N/A                | 2960                   | 104.5 | 133 x 83 x 92             | 480          |

| Model       | Bare Unit | Motor |      | Pressure Max<br>bar(g) | Receiver<br>litres | Piston<br>Displacement<br>l/min | Revolutions<br>per minute<br>rpm | Dimensions<br>LxWxH<br>cm | Weight<br>kg |
|-------------|-----------|-------|------|------------------------|--------------------|---------------------------------|----------------------------------|---------------------------|--------------|
|             |           | kW    | hp   |                        |                    |                                 |                                  |                           |              |
| 231X30      | 231       | 2.2   | 3.0  | 35                     | N/A                | 211                             | 670                              | 87 x 51 x 51              | 100          |
| 7T2X100     | 7T2       | 8.5   | 12.5 | 35                     | N/A                | 1050                            | 820                              | 124 x 67 x 84             | 275          |
| 15T2X200-35 | 15T2      | 15    | 20   | 35                     | N/A                | 1471                            | 950                              | 143 x 84 x 87             | 415          |
| 15T2X200-70 | 15T2      | 15    | 20   | 70                     | N/A                | 1230                            | 790                              | 143 x 84 x 87             | 415          |
| 15T4X200    | 15T4      | 15    | 20   | 241                    | N/A                | 988                             | 930                              | 150 x 78 x 108            | 505          |
| H15T4X200   | H15T4     | 15    | 20   | 345                    | N/A                | 988                             | 930                              | 150 x 78 x 108            | 525          |



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