

AN ISO 9001:2015 CERTIFIED COMPANY



Since:2000  
**PARTH**  
Quality Compressor World

### *SALIENT FEATURES :*

- ◆ EASY INSTALLATION & MAINTENANCE
- ◆ MORE FREE AIR DELIVERY (CFM)
- ◆ INDUSTRIAL QUALITY DESIGN
- ◆ HIGH OPERATING EFFICIENCY
- ◆ COMPETITIVE PRICE





## SINGLE STAGE AIR COMPRESSOR

PE 15/2



### TECHNICAL SPECIFICATIONS

| Model    | Piston Displacement |                   | Max. Pressure        |      | Motor H.P. | No. of cyl. | Air Receiver (LTRS) |
|----------|---------------------|-------------------|----------------------|------|------------|-------------|---------------------|
|          | CFM                 | M <sup>3</sup> /H | Kg/CM <sup>2</sup> G | PSIG |            |             |                     |
| PE 5     | 2.98                | 5.05              | 7                    | 100  | 0.5        | 1           | 45                  |
| PE 10/1  | 3.73                | 6.32              | 7                    | 100  | 1.0        | 1           | 70                  |
| PE 15/1  | 6.78                | 11.49             | 8.79                 | 125  | 2.0        | 1           | 92                  |
| PE 15/2  | 8.25                | 13.98             | 8.79                 | 125  | 2.0        | 2           | 92                  |
| PE 30 S  | 14.85               | 25.16             | 5.62                 | 80   | 3.0        | 2           | 150                 |
| PE 75 S  | 23.90               | 40.50             | 5.62                 | 80   | 5.0        | 2           | 225                 |
| PE 75 S  | 34.60               | 58.60             | 5.62                 | 80   | 7.5        | 2           | 225                 |
| PE 100 S | 52.80               | 89.50             | 5.62                 | 80   | 10.0       | 2           | 225                 |
| PE 125 S | 88.00               | 149.10            | 2.81                 | 40   | 12.5       | 2           | 300                 |
| PE 200 S | 148.50              | 251.70            | 2.81                 | 40   | 20.0       | 3           | 500                 |

### APPLICATION :

**CHEMICAL INDUSTRIES :** FILTER PRESS & LIQUID TRANSFER

**POWDER COATING INDUSTRIES**

**SPRAY PAINTING**



## TWO STAGE AIR COMPRESSOR

PE 100 T



PE 30 T



### TECHNICAL SPECIFICATIONS

| Model    | Piston Displacement |                   | Max. Pressure        |      | Motor H.P. | No. of cyl. | Air Receiver (LTRS) |
|----------|---------------------|-------------------|----------------------|------|------------|-------------|---------------------|
|          | CFM                 | M <sup>3</sup> /H | Kg/CM <sup>2</sup> G | PSIG |            |             |                     |
| PE 30 T  | 7.46                | 12.64             | 10.5                 | 150  | 2.0        | 2           | 92/150              |
| PE 30 T  | 9.79                | 16.59             | 12.3                 | 175  | 3.0        | 2           | 150                 |
| PE 50 T  | 17.32               | 29.35             | 12.3                 | 175  | 5.0        | 2           | 200                 |
| PE 75 T  | 26.40               | 44.74             | 12.3                 | 175  | 7.5        | 2           | 225                 |
| PE 100 T | 35.00               | 59.32             | 12.3                 | 175  | 10.0       | 2           | 300                 |
| PE 150 T | 44.00               | 74.60             | 10.5                 | 150  | 10.0       | 2           | 300                 |
| PE 150 T | 49.50               | 83.90             | 12.3                 | 175  | 12.5       | 2           | 300                 |
| PE 150 T | 55.00               | 93.20             | 12.3                 | 175  | 15.0       | 2           | 300                 |
| PE 200 T | 68.16               | 115.53            | 12.3                 | 175  | 15.0       | 3           | 300/500             |
| PE 200 T | 81.8                | 138.64            | 12.3                 | 175  | 20.0       | 3           | 500                 |
| PE 300 T | 87.28               | 147.93            | 12.3                 | 175  | 20.0       | 3           | 500                 |
| PE 300 T | 98.19               | 166.42            | 12.3                 | 175  | 25.0       | 3           | 500                 |

### APPLICATION :

**TEXTILE INDUSTRIES**

- PNEUMATIC OPERATIONS IN SPINNING, WEAVING & PROCESSING INDUSTRIES

**PHARMACEUTICAL INDUSTRIES**

- BLISTER PACK MACHINES & TABLET/ CAPSULE COATING

**DAIRY INDUSTRIES**

- FFS MACHINES

**AUTOMOBILE INDUSTRIES**

- AUTOMOBILE WORKSHOP

- COLD & HOT TYRE REMOULDING MACHINES

**PLASTIC INDUSTRIES**

- BLOW & INJECTION MOULDING MACHINES

**ENGINEERING INDUSTRIES**

- CLEANING & PNEUMATIC OPERATION

- SAND BLASTING MACHINES

**CHEMICAL INDUSTRIES**

- SPRAY DRYERS & PNEUMATIC DIAPHRAM OPERATED PUMPS



## MULTI STAGE AIR COMPRESSOR

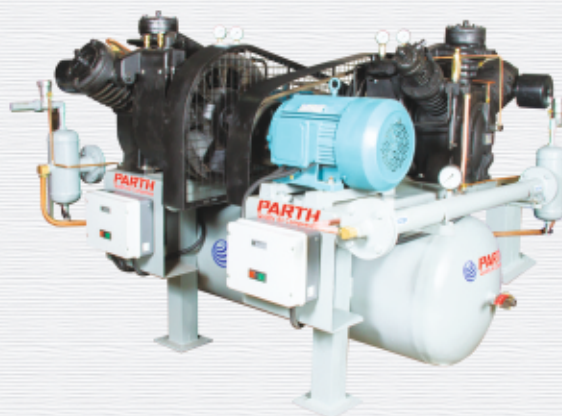
PE 200 MS (M)



### TECHNICAL SPECIFICATIONS

| Model                 | Max. Pressure        |      | FAD<br>CFM | Motor<br>H.P. | Air Receiver<br>(LTRS) |
|-----------------------|----------------------|------|------------|---------------|------------------------|
|                       | Kg/CM <sup>2</sup> G | PSIG |            |               |                        |
| PE 30 MS              | 35                   | 500  | 4.5        | 3             | 150                    |
| PE 125 MS             | 35                   | 500  | 21         | 12.5          | 300                    |
| PE 200 MS             | 70                   | 1000 | 37         | 20            | 500                    |
| PE 200 MS (Duplex)    | 70                   | 1000 | 74         | 20 x 2        | 500/750                |
| PE 200 MS - M         | 25                   | 355  | 54         | 20            | 500                    |
| PE 200MS - M (Duplex) | 25                   | 355  | 108        | 20 x 2        | 500/750                |
| PE 300MS-M            | 25                   | 355  | 68         | 25            | 500                    |
| PE 300 MS_M (Duplex)  | 25                   | 355  | 136        | 25 x 2        | 750                    |
| PE 250 MS             | 30                   | 425  | 54         | 25            | 500/750                |
| PE 400 MS             | 30                   | 425  | 110        | 40            | 500                    |
| PE 500 MS             | 40                   | 568  | 110        | 50            | 500                    |
| PE 600 MS             | 40                   | 568  | 152        | 60            | 500/1000               |
| PE 750 MS             | 40                   | 568  | 194        | 75            | 1000                   |

DUPLEX AIR COMPRESSOR



### APPLICATION :

**PLASTIC INDUSTRIES :**

PET BOTTLES MANUFACTURING UNITS

**POWER SECTOR :**

CIRCUIT BREAKING / MAKING IN

ELECTRICITY BOARD & START UP

APPLICATION FOR D.G. SETS

**Specially Designed Air Compressor for  
PET Bottles / Jars manufacturing Units**

- ▶ High Pressure Air Compressor for PET Industries.
- ▶ More Air @ Less Power
- ▶ POWER SAVER COMPRESSOR.



## DRY VACUUM PUMP

PE 75 SV



### TECHNICAL SPECIFICATIONS

| Model      | Piston Displacement |                   | Max. Vacuum<br>(HG) |       | Motor<br>H.P. | No. of<br>cyl. |
|------------|---------------------|-------------------|---------------------|-------|---------------|----------------|
|            | CFM                 | M <sup>3</sup> /H | MM                  | INCH  |               |                |
| PE 15/1 SV | 6.78                | 11.49             | 635.0               | 25.00 | 1.5           | 1              |
| PE 30 SV   | 18.0                | 30.50             | 736.6               | 29.00 | 2.0           | 2              |
| PE 30 TV   | 9.0                 | 15.25             | 751.8               | 29.60 | 2.0           | 2              |
| PE 75 SV   | 32.0                | 54.23             | 736.6               | 29.00 | 3.0           | 2              |
| PE 75 TV   | 16.0                | 27.11             | 753.1               | 29.60 | 3.0           | 2              |
| PE 100 SV  | 60.0                | 101.69            | 736.6               | 29.00 | 5.0           | 2              |
| PE 100 TV  | 30.0                | 50.85             | 754.4               | 29.70 | 5.0           | 2              |
| PE 125 SV  | 99.0                | 167.80            | 736.6               | 29.00 | 7.5           | 2              |
| PE 125 TV  | 49.5                | 83.90             | 753.1               | 29.65 | 7.5           | 2              |
| PE 200 SV  | 133.0               | 225.00            | 741.7               | 29.20 | 10            | 3              |
| PE 200 TV  | 88.6                | 150.00            | 753.1               | 29.65 | 10            | 3              |

### APPLICATION :

HOSPITAL

CERAMIC INDUSTRIES

CHEMICAL INDUSTRIES



## SCREW AIR COMPRESSOR



### TECHNICAL SPECIFICATIONS

| Model     | Working Pressure     | Free Air Delivery |                     | Motor H.P. |
|-----------|----------------------|-------------------|---------------------|------------|
|           | Kg/CM <sup>2</sup> G | CFM               | M <sup>3</sup> /Hr. |            |
| PE SC 5   | 7                    | 26                | 44.0                | 5          |
|           | 10                   | 21                | 35.6                | 5          |
| PE SC 7   | 7                    | 32                | 54.24               | 7.5        |
|           | 10                   | 26                | 44.00               | 7.5        |
| PE SC 10  | 7                    | 44                | 74.5                | 10         |
|           | 10                   | 35                | 59.3                | 10         |
|           | 12                   | 28                | 47.4                | 10         |
| PE SC 15  | 7                    | 61                | 103.4               | 15         |
|           | 10                   | 53                | 89.8                | 15         |
|           | 12                   | 43                | 72.9                | 15         |
| PE SC 20  | 7                    | 89.4              | 151.5               | 20         |
|           | 8                    | 82.2              | 139.3               | 20         |
|           | 10                   | 71.5              | 121.2               | 20         |
| PE SC 25  | 7                    | 107.2             | 181.70              | 25         |
|           | 8                    | 100               | 169.50              | 25         |
|           | 10                   | 89.4              | 151.52              | 25         |
| PE SC 30  | 7                    | 128               | 216.9               | 30         |
|           | 8                    | 121               | 205                 | 30         |
|           | 10                   | 107               | 181                 | 30         |
| PE SC 40  | 7                    | 178               | 301.6               | 40         |
|           | 8                    | 168               | 284.7               | 40         |
|           | 10                   | 153               | 259                 | 40         |
| PE SC 50  | 7                    | 232               | 393                 | 50         |
|           | 8                    | 218               | 369                 | 50         |
|           | 10                   | 196               | 332                 | 50         |
| PE SC 60  | 7                    | 286               | 484.7               | 60         |
|           | 8                    | 268               | 454.2               | 60         |
|           | 10                   | 250               | 423                 | 60         |
| PE SC 75  | 7                    | 375               | 635                 | 75         |
|           | 8                    | 350               | 593.2               | 75         |
|           | 10                   | 307               | 520.3               | 75         |
| PE SC 100 | 7                    | 483               | 818.6               | 100        |
|           | 8                    | 430               | 728.8               | 100        |
|           | 10                   | 394               | 667.8               | 100        |

#### SALIENT FEATURES :

SIMPLE, INTELLIGENT OPERATION

INSTANTANEOUS OPERATION/ WARNING SIGNAL AND INDICATION

RECORDING ALL OPERATIONAL MALFUNCTION SITUATIONS FOR  
EASY PERIODICAL MAINTENANCE AND REPAIR

PASSWORD PROTECTION AGAINST UNAUTHORISED MANIPULATION

## AIR COOLED - RECIPROCATING AIR COMPRESSOR

PE 240 L



### TECHNICAL SPECIFICATIONS

| Model    | Piston Displacement | Free Air Delivery | Maxi. Pressure     | Motor H.P. |
|----------|---------------------|-------------------|--------------------|------------|
|          | CFM                 | CFM               | Kg/cm <sup>2</sup> |            |
| PE 100 L | 143                 | 100               | 7                  | 25         |
| PE 130 L | 158                 | 130               | 7                  | 30         |
| PE 145 L | 180                 | 145               | 7                  | 40         |
| PE 150 L | 188                 | 150               | 7                  | 40         |
| PE 240 L | 300                 | 240               | 7                  | 60         |
| PE 310 L | 376                 | 310               | 7                  | 75         |

**APPLICATION :** SAND BLASTING INDUSTRIES, PHARMACEUTICAL INDUSTRIES, TEXTILE INDUSTRIES, PESTICIDES INDUSTRIES

## VERTICAL WATER COOLED - AIR COMPRESSOR



PE 7 x 5 Lub.

### TECHNICAL SPECIFICATIONS

| Model          | Piston Displacement |                   | Maxi. Pressure       |      | Motor H.P. |
|----------------|---------------------|-------------------|----------------------|------|------------|
|                | CFM                 | M <sup>3</sup> /H | Kg/CM <sup>2</sup> G | PSIG |            |
| PE 7x5 Lub/ NL | 164                 | 277               | 8.7                  | 125  | 25/30      |
| PE 8x5 Lub/ NL | 215                 | 364               | 7.0                  | 100  | 40         |
| PE 8x7 Lub/ NL | 260                 | 440               | 8.7                  | 125  | 50         |
| PE 9x7 Lub/ NL | 330                 | 559               | 7.7                  | 110  | 60         |

\*NON LUBRICATED COMPRESSORS FOR OIL FREE AIR

**APPLICATION :** SAND BLASTING INDUSTRIES, TEXTILE INDUSTRIES, PHARMACEUTICAL INDUSTRIES, PESTICIDES INDUSTRIES

## OIL FREE COMPRESSOR



PE 7 NL



PE 100TNL

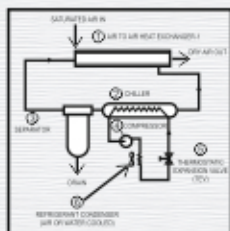
### TECHNICAL SPECIFICATIONS

| Model             | Piston Displacement |                   | Maxi. Pressure       |      | Motor  | No. of | Air Receiver |
|-------------------|---------------------|-------------------|----------------------|------|--------|--------|--------------|
|                   | CFM                 | m <sup>3</sup> /H | Kg/cm <sup>2</sup> g | PSIG | H.P.   | Cyl.   | Ltrs.        |
| PE 7 NL           | 2.8                 | 4.74              | 8                    | 115  | 0.75   | 1      | 25           |
| PE 10 NL          | 4.1                 | 6.95              | 8                    | 115  | 1      | 2      | 40           |
| PE 20 NL          | 8.4                 | 14.24             | 8                    | 115  | 2      | 1      | 92/150       |
| PE 30 NL          | 13.6                | 23                | 8                    | 115  | 3      | 1      | 150          |
| PE 50 TNL         | 15.6                | 26.44             | 10                   | 145  | 5      | 2      | 200          |
| PE 75 TNL         | 23.8                | 40.33             | 10                   | 145  | 7.5    | 3      | 225          |
| PE 100 TNL        | 31.5                | 53.39             | 10                   | 145  | 10     | 3      | 300          |
| PE 100 TNL Duplex | 63                  | 106.78            | 10                   | 145  | 10 x 2 | 3      | 500          |

**APPLICATION :** PHARMACEUTICAL INDUSTRIES, FOOD INDUSTRIES & HOSPITALS ETC.



## REFRIGERATED AIR DRIER



- ▶ REFRIGERATED AIR DRIERS AVAILABLE UP TO 50 KG/CM<sup>2</sup>G.
- ▶ INLET AIR TEMPERATURE 40° C
- ▶ DEW POINT 2° C - 3° C
- ▶ AUTOMATIC DRAIN VALVE PROVIDED FOR ALL MODELS
- ▶ HERMETICALLY SEALED COMPRESSOR FOR ALL MODELS

| Model      | Capacity CFM | Working Pressure KG/CM <sup>2</sup> G |
|------------|--------------|---------------------------------------|
| RFG - 20   | 20           | 12.3                                  |
| RFG - 40   | 40           | 12.3                                  |
| RFG - 60   | 60           | 12.3                                  |
| RFG - 80   | 80           | 12.3                                  |
| RFG - 100  | 100          | 12.3                                  |
| RFG - 125  | 125          | 12.3                                  |
| RFG - 150  | 150          | 12.3                                  |
| RFG - 200  | 200          | 12.3                                  |
| RFG - 250  | 250          | 12.3                                  |
| RFG - 300  | 300          | 12.3                                  |
| RFG - 400  | 400          | 12.3                                  |
| RFG - 500  | 500          | 12.3                                  |
| RFG - 600  | 600          | 12.3                                  |
| RFG - 750  | 750          | 12.3                                  |
| RFG - 1000 | 1000         | 12.3                                  |



## CHILLER



### TECHNICAL SPECIFICATIONS

| Cooling Capacity TR | Refrigeration Capacity (K.cal/hr.) | Power (KW) | Pump (lpm) | Tank Capacity LTR. |
|---------------------|------------------------------------|------------|------------|--------------------|
| 2                   | 5160                               | 2          | 45         | 120                |
| 3                   | 7740                               | 3          | 45         | 120                |
| 4                   | 10234                              | 3          | 60         | 150                |
| 5                   | 12900                              | 4.5        | 60         | 175                |
| 7.5                 | 20400                              | 6          | 120        | As per Req.        |
| 10                  | 26230                              | 9          | 120        | As per Req.        |
| 15                  | 38700                              | 13.5       | 120        | As per Req.        |
| 30                  | 82700                              | 27         | 180        | As per Req.        |
| 50                  | 138000                             | 45         | 250        | As per Req.        |

#### SPECIAL FEATURES :

- ▶ STURDY SHELL & TUBE TYPE CHILLING
- ▶ PLATE TYPE EVAPORATOR AVAILABLE FOR HIGHER EFFICIENCY
- ▶ HIGH QUALITY INSULATION FOR MORE EFFICIENCY
- ▶ DIGITAL TEMPERATURE CONTROLLER
- ▶ HIGH EFFICIENT AIR / WATER COOLED CONDENSER
- ▶ COMPACT DESIGN, EASY TO MAINTAIN & SERVICE
- ▶ WATER COOLED CONDENSER FOR HIGH AMBIENT ENVIRONMENT

#### WATER CHILLERS , OIL CHILLERS - APPLICATION AREAS :

- ▶ CHEMICAL AND PHARMACEUTICAL PLANTS
- ▶ DAIRY AND FOOD INDUSTRIES
- ▶ PAPER PROCESSING INDUSTRIES
- ▶ PLASTIC PROCESSING INDUSTRIES
- ▶ AIR CONDITIONING SYSTEMS
- ▶ FOUNDRIES
- ▶ PLASMA MACHINES
- ▶ WIRE CUTTING MACHINES



## ACCESSORIES FOR COMPRESSED AIR SYSTEM

AUTOMATIC  
DRAIN VALVE



HEATLESS AIR DRIER



ACTIVATED  
CARBON  
FILTER



AIR RECEIVER



MOISTURE  
SEPARATOR



FILTERS



COMPACT HEATLESS AIR DRIER



AFTER COOLER





Manufacturer & Exporter :

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