ELECTRIC AIR COMPRESSORS

Part Number: AI.32001
Coaxial lubricated compressor
Single phase 240V, 2.5 A
0.6HP, 3.53cfm
Maximum pressure 115 psi
Weight: 20 lbs
Sound level: 80dB

Part Number: AI.32011
Coaxial lubricated compressor
Single phase 240V, 5A
1.5HP, 6.5cfm
Max pressure 115 psi
Tank capacity 1.6 gallon
Pressure regulator
Pressure gauge
Pressure switch
Weight: 30 lbs
Sound: 80dB
ELECTRIC AIR COMPRESSORS

**Part Number:** AI.32021  
Weight: 7.7 lbs.  
Air compressor: ST  
12V – 1.7cfm – 9A

**Part Number:** AI.32022  
Weight: 7.7 lbs.  
Air compressor: ST  
24V – 1.7cfm – 9A

**Part Number:** AI.32031  
Weight: 8.8 lbs.  
Air compressor: STPV  
12V – 1.7cfm – 9A  
with pressure switch and relief valve

**Part Number:** AI.32032  
Weight: 8.8 lbs.  
Air compressor: STPV  
24V – 1.7cfm – 9A  
with pressure switch and relief valve

**Part Number:** AI.32041  
Weight: 11.2 lbs.  
Air compressor: STPV – AB  
12V – 1.7cfm – 9A  
with remote control

**Part Number:** AI.32042  
Weight: 11.2 lbs.  
Air compressor: STPV – AB  
24V – 1.7cfm – 9A  
with remote control

**Part Number:** AI.32051  
Weight: 1.1 lbs  
Air compressor: ECO  
12V – 0.5cfm – 5A
ELECTRIC AIR COMPRESSORS

Part Number: AI.32061
Air Compressor: FLASH
12V, 0.8HP, 0.6 cfm, 60A
Maximum Pressure: 115 psi
Weight: 19 lbs.
Sound: 72dB

Part Number: AI.32062
Air Compressor: FLASH
24V, 0.8HP, 0.6 cfm, 32.5A
Maximum Pressure: 115 psi
Weight: 19 lbs.
Sound: 72dB

Part Number: AI.32063
Air Compressor: FLASH
12V, 0.8HP, 0.6 cfm, 60A
With remote control
Maximum Pressure: 115 psi
Weight: 19 lbs.
Sound: 72dB

Part Number: AI.32064
Air Compressor: FLASH
24V, 0.8HP, 0.6 cfm, 32.5A
With remote control
Maximum Pressure: 115 psi
Weight: 19 lbs.
Sound: 72dB
AIR PRESSURE TOWER CONTROLS

The Tempest Fireco air pressure control unit operates the tower extension and retraction by a three (3) position lever. The unit makes it possible to stop the tower at any height. Air pressure controls the speed of the tower extension.

A spring-loaded “dead man” control lever is provided. This safety interlock requires the operator to “HOLD” the spring-loaded lever during the entire extension and retraction operation, thus requiring constant operator attention.

The pressure regulator regulates the incoming air pressure to the tower. The dry filter protects the air intake from dust infiltration.
AIR PRESSURE TOWER CONTROLS

Part Number: PC.32221
Model: DF
Dry filter (without gauge)

Part Number: PC.32222
Model: DF
Dry filter and
“deadman” control, on both extension and retraction

Part Number: PC.32203
Model: DF
Dry filter and
“deadman” lever control, on extension only

Part Number: PC.32231
OEM personalized logo option
SELECTION CHART FOR ORDERING PNEUMATIC TELESCOPING TOWERS

Example: CS.3518.NB

<table>
<thead>
<tr>
<th>TOWER MODEL</th>
<th>Series and diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>CZ</td>
<td>3 2-1/2&quot; 1100 Series</td>
</tr>
<tr>
<td>CU</td>
<td>3 3&quot; 1200 Series</td>
</tr>
<tr>
<td>CL</td>
<td>3 3-1/2&quot; 1300 Series</td>
</tr>
<tr>
<td>CS</td>
<td>3 4-1/2&quot; 2100 Series</td>
</tr>
<tr>
<td>CH</td>
<td>3 6&quot; 2200 Series</td>
</tr>
<tr>
<td>CX</td>
<td>3 7-7/8&quot; 2300 Series</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TYPE OF TOWER</th>
</tr>
</thead>
<tbody>
<tr>
<td>N Non-rotating</td>
</tr>
<tr>
<td>T Rotating 360°</td>
</tr>
<tr>
<td>R Electric turning 12/24 V</td>
</tr>
<tr>
<td>TT Tilt &amp; Turn (only &quot;ROOF&quot; Series)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NUMBER OF SECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Section</td>
</tr>
<tr>
<td>2 Sections</td>
</tr>
<tr>
<td>3 Sections</td>
</tr>
<tr>
<td>4 Sections</td>
</tr>
<tr>
<td>5 Sections</td>
</tr>
<tr>
<td>6 Sections</td>
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<td>7 Sections</td>
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<tr>
<td>8 Sections</td>
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<tr>
<td>9 Sections</td>
</tr>
<tr>
<td>10 Sections</td>
</tr>
<tr>
<td>11 Sections</td>
</tr>
<tr>
<td>12 Sections</td>
</tr>
</tbody>
</table>

3/4 PNEUMATIC 4 ROOF Series 6/7 STEADY Series 8/9 COMPACT Series

<table>
<thead>
<tr>
<th>ELECTRIC CABLES</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (Without electric cable)</td>
</tr>
<tr>
<td>B (4) 16 gauge</td>
</tr>
<tr>
<td>C (7) 18 gauge</td>
</tr>
<tr>
<td>D (7) 16 gauge</td>
</tr>
<tr>
<td>E (12) 16 gauge</td>
</tr>
<tr>
<td>F (3) 14 gauge</td>
</tr>
<tr>
<td>G (5) 14 gauge</td>
</tr>
<tr>
<td>H (5) 18 gauge (4) 20gauge</td>
</tr>
<tr>
<td>I (8) 18 gauge (4) 20gauge</td>
</tr>
<tr>
<td>N, P, Q, X, V, Y, S, BS, CS, DS, IS (see page 116-117)</td>
</tr>
</tbody>
</table>

Series 2100: 4-1/2" diameter – 5 sections

<table>
<thead>
<tr>
<th>Cod. N</th>
<th>Extended height</th>
<th>Retracted height</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 35</td>
<td>14' 3-3/4&quot;</td>
<td>51-1/4&quot;</td>
</tr>
<tr>
<td></td>
<td>16' 11-1/4&quot;</td>
<td>57&quot;</td>
</tr>
<tr>
<td></td>
<td>19' 6-3/4&quot;</td>
<td>63-1/2&quot;</td>
</tr>
</tbody>
</table>
KANGAROO HAND CART
EMERGENCY LIGHTING UNIT

Part Number: BP.33023
Part Number: 10.421
Part Number: 10.412
KANGAROO
GENERATOR & FLOODLIGHT HAND CART

Part number: 10.401 (13’ Tower without internal cable)

The Tempest Fireco Kangaroo Model 10.401 emergency lighting hand cart is an exclusive patented product to Tempest Fireco Towers. The Kangaroo cart is both compact and lightweight and the pneumatic tires make it easy to transport across uneven terrain.

The unit comes equipped with a 13’ high 100 Series three section pneumatic tower; model number CA53-23H and measures 28” wide by 13” deep and 60” high. Weighing in at 55 lbs, not including optional generator and floodlights, the unit is equipped with a hand pump which allows for rapid extended heights.

Each section of the tower is equipped with the patented “Twin Lock” system which secures tower sections at selected heights preventing rotation in windy conditions and allowing for indefinite tower extension.

The Kangaroo cart has a swing down platform for mounting generators or miscellaneous equipment. Ultra Quiet Honda Series gasoline powered generators are available from Tempest Technology in 1,000 to 3,000 watts. Equipped with three (3) stabilizing legs, the unit features quick release latches that make set up a snap.

The Kangaroo 10.401 does not include an internal spiral cable; rather floodlights are powered by an extension cord running from power source to floodlight assembly. A removable floodlight assembly is supplied separately for quick removal of fixtures. Due to the numerous floodlight configurations available please refer to the floodlight selection chart in this catalogue on pages 45 to 48 for options.

Part number: 10.402 (13’ Tower with internal cable)

The Tempest Fireco Kangaroo Model 10.402 emergency lighting hand cart is similar to the 10.401 Model. Equipped with a 13’ high 200 Series three section pneumatic tower, model number CN53-04HB and measures 28” wide by 13” deep and 60” high. Weighing in at 60 lbs, not including optional generator and floodlights, the unit is equipped with a hand pump which allows for rapid extended heights.

The 10.402 model comes equipped with an internal spiral cable. The plug and coil cord connects the generator at the bottom of the unit with the floodlights at the top of the unit. A removable floodlight assembly is supplied separately for quick removal of fixtures. Due to the numerous floodlight configurations available please refer to the floodlight selection chart in this catalogue on pages 45 to 48 for options.
KANGAROO GENERATOR & FLOODLIGHT HAND CART

Part number: 10.501 (14’10” Tower with internal cable)

The Tempest Fireco Kangaroo Model 10-501 emergency lighting hand cart is similar to previously mentioned units. It comes equipped with a 14’ 10” high 300 Series four section pneumatic tower, model number CO53-38HB and measures 28” wide by 13” deep and 69” high. Weighing in at 67 lbs, not including optional generator and floodlights, the unit is equipped with a hand pump which allows for rapid extended heights.

The 10.501 model is equipped with an internal spiral cable. The plug and coil cord connects the generator at the bottom of the unit with the floodlights at the top of the unit. A removable floodlight assembly is supplied separately for quick removal of fixtures. Due to the numerous floodlight configurations available please refer to the floodlight selection chart in this catalogue on pages 45 to 48 for options.

KANGAROO ACCESSORIES

Part Number: 10.910: HONDA 1,000 watt, 120 volt, gasoline powered, portable generator
Part Number: 10.915: HONDA 1,500 watt, 120 volt, gasoline powered, portable generator
Part Number: 10.920: HONDA 2,000 watt, 120 volt, gasoline powered, portable generator
Part Number: 10.925: HONDA 2,500 watt, 120 volt, gasoline powered, portable generator
Part Number: 10.930: HONDA 3,000 watt, 120 volt, gasoline powered, portable generator
Part Number: 10.421 Stabilizer lock for closed unit
LOW HEIGHT TOWER TRAILER

The Tempest Fireco Towers trailer is designed for extremely low travel height and center of gravity situations. Built of lightweight aluminum, the trailer assembly measures 7’ x 9’ and weighs 4,000 lbs, with a load capacity of 3,000 lbs. The Tower Trailer is also equipped with pneumatic automotive wheels and tires and a spring or torsion bar suspension system.

Equipped with a structural aluminum angle and tubular system for support, the Tower Trailer will accommodate the Tempest Fireco 2100, 2200 and 2300 Series STEADY Towers. The support system permits manual pivoting of each tower from the horizontal to the vertical position with a locking pin assembly to secure when stowed. Each tower is installed with a vibration dampening system to prevent tower damage during transit.

There are four (4) stabilizing jacks to support the tower in the extended position. The STEADY tower is supplied with guy ropes, which can be connected to trailer mounted loops to support the tower.

An Onan 8KW diesel generator is furnished with 120/240 volts and a 50 gallon fuel tank. The generator has an electric start and 12 volt 600CCA battery, generator safety controls, and master disconnect switch. The circuit breaker panel is encased within a weatherproof enclosure with a locking hinged door. Inside the enclosure are four (4) 20A 120V, two (2) 30A 120V, and one (1) 50A 240V receptacles with snap covers.

Additionally, a 120 volt 2 HP electric driven air compressor (3cfm) with 20 gallon air storage tank is provided. The air compressor is housed in a weatherproof enclosure with piping to the pneumatic tower.

Additional specifications, engineering drawings, tower information, and other features are available on request.
MANUAL TILTING SYSTEM FOR TOWERS
GAS OPERATED ASSIST CYLINDERS

ELECTRO-MANUAL TILTING SYSTEM
FOR TOWER
MANUAL TILTING SYSTEM
FOR 500 SERIES TOWER

MANUAL TILTING SYSTEM
FOR TOWER 90° VEHICLE MOUNTING
TEMPEST FIRECO TOWERS
WARRANTY

Each tower is vertically tested at a 15° angle for 24 hours.
All Tempest Fireco towers carry a two (2) year warranty against defects in materials and workmanship.