4 AND 5-STAGE HIGH PRESSURE BREATHING AIR COMPRESSORS

This game-changing filling station employs our state-of-the-art control system centered around a 15-inch HMI touch screen interface, which allows the operator to manage the entire system from the single-point touch screen. UNICUS 4i has several innovative optional features including BAUER Gas-Tek™ monitoring system, Lab On Locale 2™ and RFID Reader.

› PRESSURE:
  5000 to 6000 PSIG
  (345 to 414 BAR)

› CHARGING RATE:
  13 to 26.4 SCFM
  (368 to 748 L/MIN)

› POWER:
  10 to 20 HP
  (7.5 to 15 kW)
STANDARD SCOPE OF SUPPLY

› BAUER breathing air purification system with SECURUS
› BAUER 15-inch HMI touch-screen interface
› Solid state auto cascade system
› Compressor low oil pressure and high temperature safety shutdowns
› Emergency stop push button
› Ergonomic system-operations panel
› Ergonomically designed stainless steel fill adaptors with integral bleed valve
› Automatic condensate drain system with non-corrosive condensate reservoir and integrated float sensor and automatic “Full” indication and compressor shutdown
› Two (2) ASME code stamped air cylinders installed in an integral rack designed to hold four cylinders
› NFPA 1901 2016 edition compliant 3 position containment fill station accommodates SCBA or SCUBA cylinders up to 31” overall length

AVAILABLE ACCESSORIES (FACTORY INSTALLED)

› BAUER Gas-Tek™ gas monitoring system
› Lab on Locale 2™ accredited remote air testing system
› RFID Reader which reads and records data from the RFID equipped cylinders
› Hose reel for 100’ of high pressure breathing air hose
› Reg/RF
› Dual Fill/3 position
› Tri Fill/3 position
› Additional air storage cylinders

SYSTEM FOOTPRINT

DIMENSIONS L x W x H inches (mm)
› 101” x 38” x 78” (2565mm x 965mm x 1981mm)

WEIGHT pounds (kg)
› 4350 - 4550 lb (1973 - 2064 kg)

*Weights are based on a unit equipped with 4 ASMEs

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Charging Rate¹</th>
<th>Number of Stages</th>
<th>Motor</th>
<th>FAD²</th>
<th>Purification System</th>
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<tbody>
<tr>
<td></td>
<td>SCFM</td>
<td>L/ MIN</td>
<td>HP</td>
<td>kW</td>
<td></td>
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<td>5000 PSIG (345 BAR)</td>
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<td>595</td>
<td>4</td>
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<td>11</td>
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<tr>
<td>6000 PSIG (414 BAR)</td>
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<tr>
<td>UNICUS 4i - 13 - E1/E3</td>
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<td>4</td>
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<td>7.5</td>
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</table>

¹ Based on recharging an 80 cubic foot tank from 500 to 3000 psig.
² Compressor capacity referenced to standard inlet conditions. Tolerance +/- 5%