

Air or Nitrogen Hurricane Boosters



Models: B18TT-61
B18TT-63
B18-62
B18-63



Hurricane boosters are second-to-none. They are smaller, lighter and still pack as much power as the larger and heavier comparable units available in the marketplace today.

Our quality control and turnkey manufacturing process guarantee excellence, while superior engineering and design help drive custom solutions for our customers. Every feature that is built into our boosters shows you the experience, the power, the quality... *the Hurricane difference.*

Over 40 years of experience has taught us to maximize every component. Like all of our boosters, this unit provides you with a better penetration rate, cooler bit temperatures and longer bit life.

Typical applications include: coal bed methane, oil and gas air/foam drilling, nitrogen generation, and pipeline services.

Sustainable Productivity

Atlas Copco

Specifications

| Booster | B18TT-61/1000 | B18TT-63/5000 | B18-62/2175 | B18-63/3000 | B18-63/4000 |
|---|--|---------------|---|-------------|-------------|
| Booster type | Model 855 6 cylinders, reciprocating | | | | |
| Drive engine | Caterpillar C18 Twin Turbo 700 bhp @ 1800 rpm | | Caterpillar C18 630 bhp @ 1800 rpm | | |
| Booster stages | 1 | 3 | 2 | 3 | |
| Max suction pressure (psi / bar) | 350 / 24 | | | | |
| Max discharge pressure (psi / bar) | 1000 / 69 | 5000 / 345 | 2175 / 150 | 3000 / 207 | 4000 / 276 |
| Capacity at max suction pressure (cfm/m3/min) | 4500 / 128 | 2144 / 61 | 2-stage: 2900 / 82 1-stage: 3865 / 110 | 2000 / 57 | 1900 / 54 |
| Booster oil capacity (gal / l) | 10 / 38 | | | | |
| Engine oil capacity (gal / l) | 10 / 38 | | | | |
| Fuel tank capacity (gal / l) | N/A | | | | |
| Max operating ambient temperature (°F / °C) | 125 / 52 | | | | |
| Wet weight (lb / kg) | 17,500 / 7,938 | | | | |
| Overall dimensions, L x W x H (in / cm) | 226 x 87 x 89 / 574 x 221 x 226 | | | | |
| Suction connection | 5" npt | 3" npt | 4" npt | 3" npt | |
| Discharge connection | 3" npt | 1 1/4" npt | 3" npt | 1 1/2" npt | 1" npt |

Standard Features

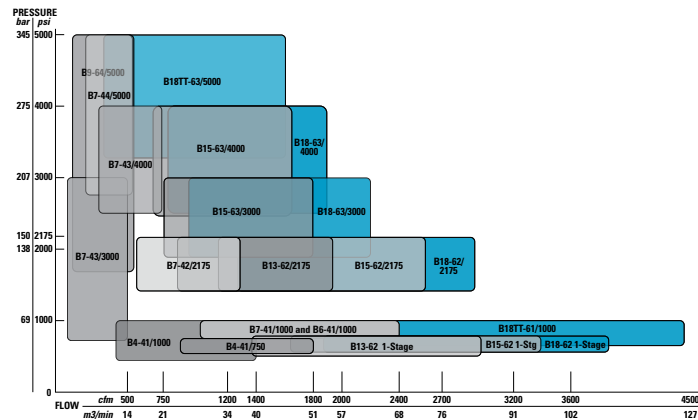
- Automatic load/unload system
- Booster bypass manifold (single and 2-stage only)
- Engine speed adjustment
- Double acting concentric valves
- Staging valves on the 2-stage models
- Watercooled booster block and valves
- Precooler (a+15°F / 8°C) & suction scrubber tank
- Aftercooler (a+50°F / 28°C)
- Open skid with four point lifting
- 24 volt DC starting and operating system
- Suction, interstage and discharge safety relief valves
- Full function instrument panel monitoring all pressures, temperatures and controls with full protection shutdown and fault indicators

Options

- Automatic scrubber tank drain
- Cold weather kit (-20°F/-29°C)
- Manual louvers in front of coolers
- Low pressure switch at booster inlet
- Lights for operation at night
- Weatherproof container
- Spark arrestor
- Overspeed shutdown
- Air starter
- Service pack 250 hrs / 500 hrs / 1000 hrs / 2000 hrs
- Valve kits and piston kits

Other options, pressures, capacities: available on request

Booster Range



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Never use compressed air as breathing air without prior purification in accordance with local legislation and standards.

Atlas Copco Hurricane LLC
Part of the Atlas Copco Group
Phone: (800) 754-7408, +1 (317) 736-3800
www.atlascopco.com/hurricane