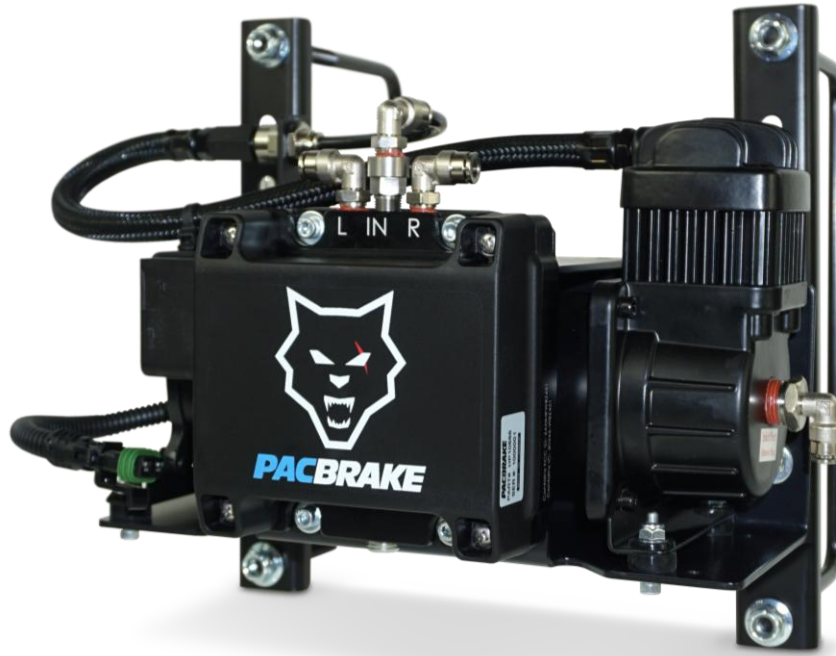


Pacbrake BRAVO™ Wireless Air Controls give you the ability to adjust your air spring pressure from your mobile device with the touch of a button. Connection is established via Bluetooth, allowing for wireless system operation without the need for internet or cell service.



Product Highlights

- Universal fitment for integration with most air suspension systems
- No drilling or vehicle modification required
- Billet aluminum control manifold
- Mobile app compatible with Android™ 9.0+ and Apple™ iOS™ 16.0+ mobile devices
- Supports air spring fill pressures up to 150 PSI [1034 kPa]
- Sealed, waterproof compressor/manifold assembly
- Upgradeable design supports Quick Mount air tanks, water separator, and on-board air accessories
- Live feedback of air spring and tank (if installed) pressure
- Three configurable, quick-access inflation presets
- Over-the-Air updates enable long term system stability and new features
- Inflation error detection alerts users to possible leaks or blockages
- Air Spring Auto Top-Up automatically maintains target pressure

System Kit Number	Compressor Series	Quick Mount	Includes Remote	Tank Size	On-Board Air Accessory Kit	Water Separator Kit
HP30040-QM	HP425 Series	Yes	No	Not Included	Not Included	Not Included
HP30040-QM-R		Yes	Yes	Not Included	Not Included	Not Included
HP30040-CB1		Yes	No	½ Gallon	Included	Included
HP30040-CB2		Yes	No	2 ½ Gallon	Included	Included

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COMPRESSOR/MANIFOLD QUICK-MOUNT ASSEMBLY

The heart of all BRAVO™ Wireless Air Control systems is the integrated manifold with its control board, air control solenoids, and pressure sensors.

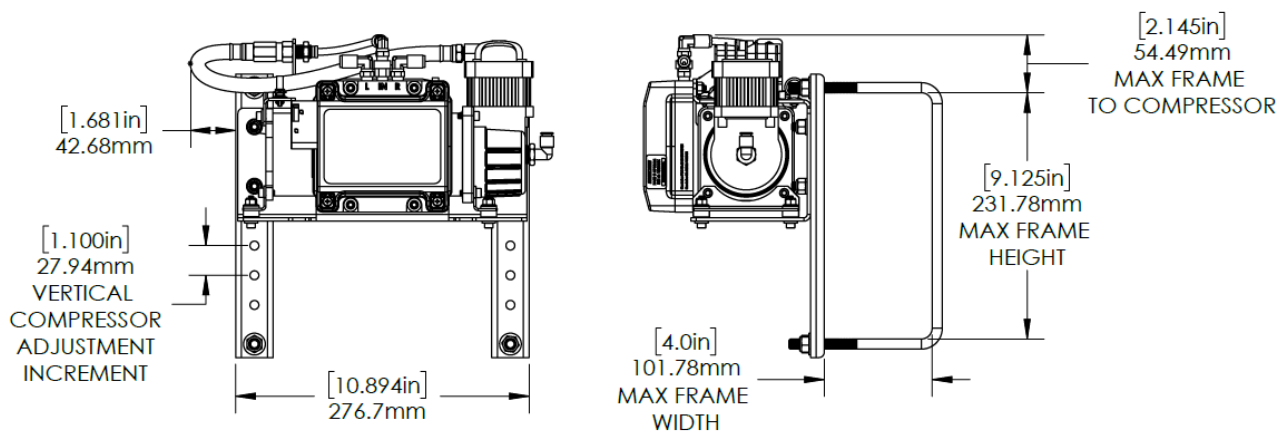
Specifications

Kit Number	HP30040-QM
Compressor Part Number	HP10741
Maximum Working Pressure	1034 kPa [150 psi]
Maximum Duty Cycle (Run Time)	Continuous at 689.5 kPa [100 psi]
Rated Flow	49.5 L/min [1.75 CFM] at 0 kPa [0 psi]
Inflation Time (Double Convolved Springs, 5000lb Kit)	0 – 689.5 kPa [0 – 100 psi] in 55 seconds
Ambient Operating Temperature Range	-40°C to +70°C [-40°F to +158°F]
Ingress Protection	IP67 (Compressor intake filter mounted in dry location)

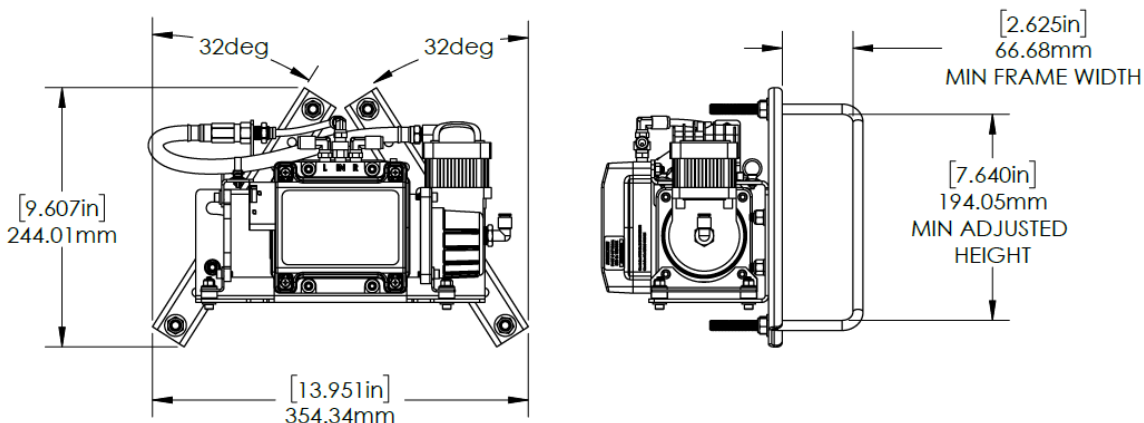
Nominal Supply Voltage	12 VDC (9 to 14 VDC)
Maximum Current Draw	22.7 A

Weight	7.5 kg [16.55 lbs]
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Dimensions



CONFIGURABLE MOUNTING



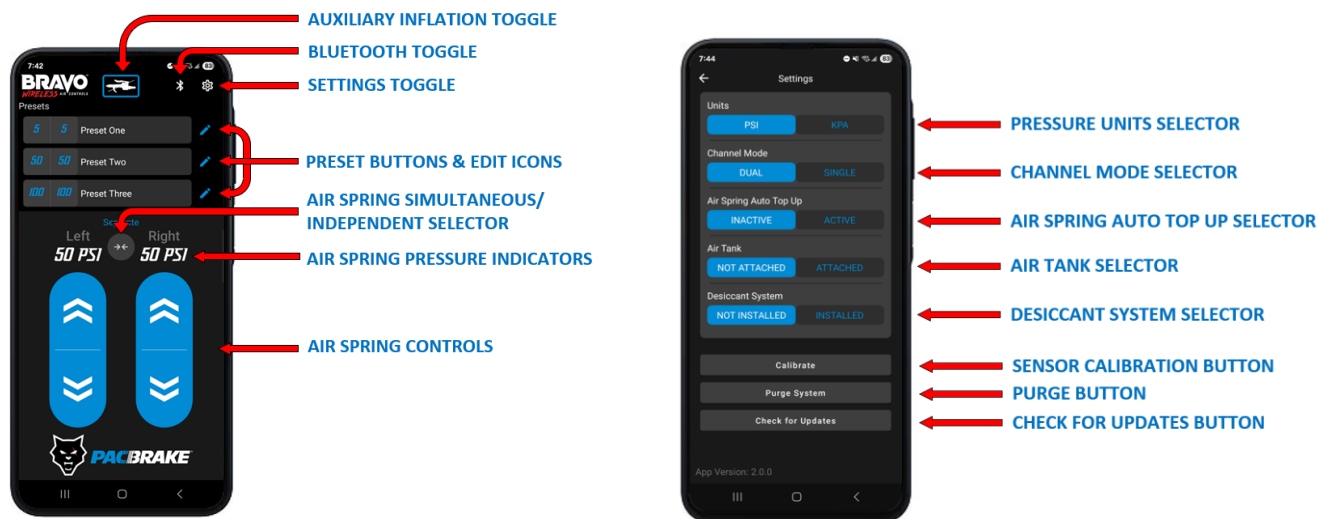
~All pressure values indicated in 'gauge' pressure

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BRAVO™ WIRELESS AIR CONTROL APP

A mobile device running the BRAVO™ Wireless Air Control App is required to access the full control manifold feature set. The application is compatible with Android™ 9.0+ or Apple™ iOS™ 16.0+ devices and is available for download on the Google Play™ Store and Apple App Store™. Once the system has been setup, the optional wireless air controls remote can be used to adjust system pressure.



Function	Usage
Air Spring Controls	Press and hold Inflate (⬆) or Deflate (⬇) to adjust pressure in air springs Press (→←) to switch between independent or simultaneous control
Air Spring Pressure Indicators	Real-time left and right air spring pressure in the selected unit of measure
Preset Buttons	Tap a preset row to recall saved preset pressure Tap the edit icon to name/save pressure value(s) as a preset
Auxiliary Inflation Toggle	Tap to enable or disable the auxiliary air accessory inflation function
Bluetooth Toggle	Tap to manually connect or disconnect to the wireless controller
Settings Button	Press to access app and system configuration settings and other functions
Pressure Units Selector	Selects the displayed pressure unit: PSI or kPa
Channel Mode Selector	Configures the system for single-channel or dual-channel control
Air Spring Auto Top Up Selector	Enables or disables air spring auto top-up function NOTE: When a load is removed from the suspension system, the air bag pressure will decrease, triggering Air Spring Auto Top Up. To minimize unexpected ride height changes, deactivate Air Spring Auto Top Up while: unloading, parking on side-hills or if the BRAVO™ system is paired with sleeve style/rolling lobe air bags.
Air Tank Selector	Configures the system for use with an air tank
Desiccant System Selector	Configures the system for use with a desiccant system
Sensor Calibration Button	Calibrates the pressure sensors to 0 PSI/kPa
Purge Button	Exhausts all air pressure from the system
Check for Updates Button	Check whether a device firmware update is available

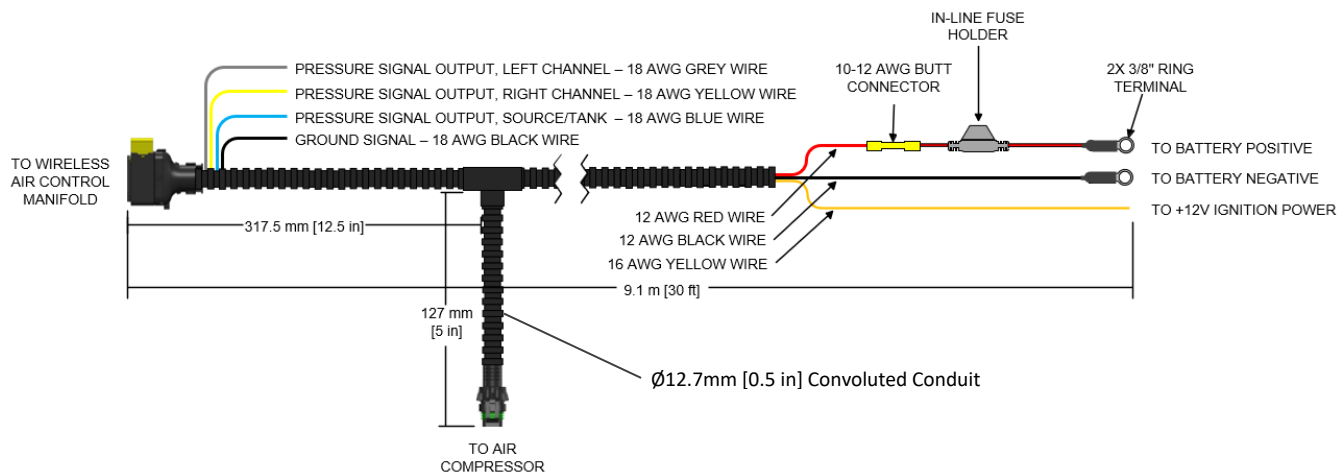
*All pressure values indicated in 'gauge' pressure

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WIRING HARNESS

A robust harness supplies power and sensor connectivity. Includes outputs for digital gauge monitoring.

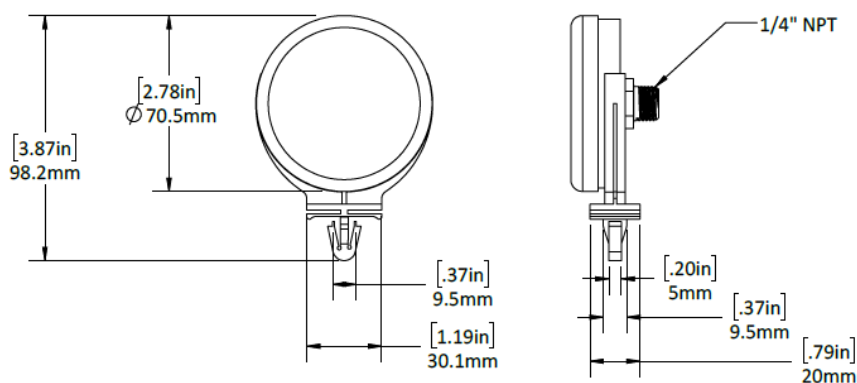


Specifications

Part Number	HP10658
Maximum Current Rating	30 A
Connectors	IP67 Sealed
Wiring	SAE J1128, Stranded Conductor, GXL
Temperature Rating	-40°C to +120°C [-40°F to +248°F]
Pressure Signals	0.5 – 4.5V, 0 – 200 psi ratiometric output

REMOTE AIR FILTER

Mount the remote air filter in a clean and dry location to protect the internal compressor components from dirt, dust, and other contaminants.



Specifications

Part Number	C241
Mounting Hole Size	Ø10 mm [0.39 in]

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FUSE TAPS

Specifications

Wire Gauge	16 AWG
Current Rating	15 A
Ambient Operating Temperature Range	-40°C to +120°C [-40°F to +248°F]
Connection Type	14-16 AWG Wire Butt Connector



Part Number	Type
M8998	Mini Fuse (APM/ATM)
M8999	Micro2 Fuse (APT/ATR)

FUSES

Specifications

Type	Fast Acting
Voltage Rating	32 VDC
Temperature Rating	-40°C to +125°C [-40°F to +257°F]
Standard	SAE 2741 / ISO 8820



Part Number	Type	Rating	Color
M9044	Micro2 (APT/ATR)	10 A	Red
M8172	Mini (APM/ATM)	10 A	Red
M8180	Mini (APM/ATM)	30 A	Green

SAE NYLON TUBING

Specifications

Part Number	M8280
Tube OD	6.35 mm [1/4"]
Maximum Operating Pressure	1378 kPa [200 psi]
Ambient Operating Temperature Range	-40°C to +93°C [-40°F to +200°F]
Specification	SAE J844 Type A / DOT FMVSS 49CFR571.106



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OPTIONAL QUICK MOUNT AIR TANK ASSEMBLIES

Pacbrake Air Tank kits are engineered to seamlessly integrate with BRAVO™ HP30040-QM Wireless Air Controls, delivering reliable onboard air by storing compressed air until it is needed for operation. The universal mounting design supports installation across a wide range of applications, and adequate clearance should be verified prior to purchase (see dimensions below).

When integrating with an existing air management system, confirm that the system supports the addition of an air tank to ensure proper performance and reliable operation.



Product Highlights

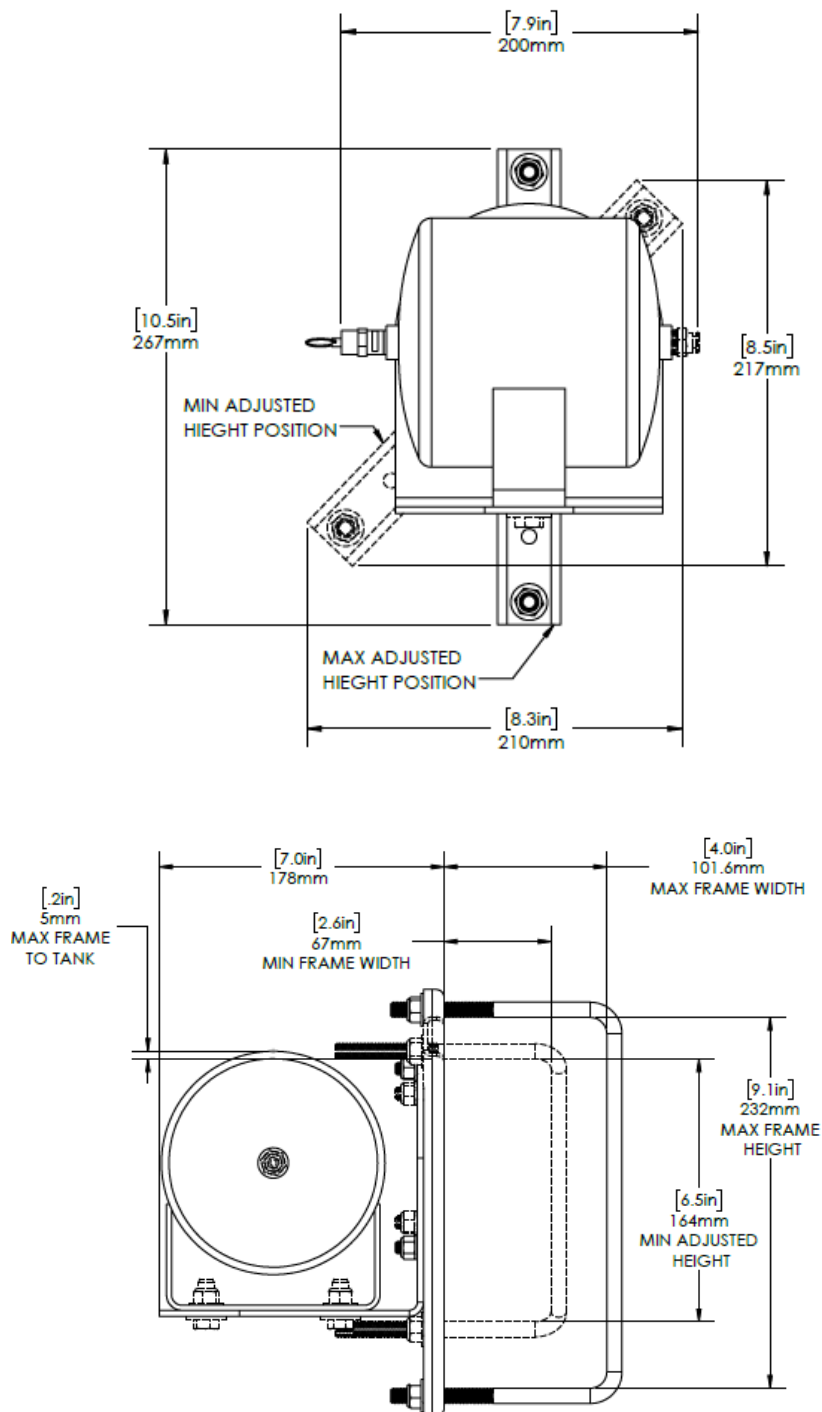
- ½ Gallon or 2 ½ Gallon carbon steel air tanks with black powder-coated finish
- Stores compressed air for faster air spring response and improved accessory air operation
- Quick-Mount bracket for universal mounting
- Includes installation hardware and fittings to connect to a BRAVO™ HP30040-QM Wireless Air Controls system

Specifications

Kit Number	HP10718	HP10719
Tank Capacity	0.5 gallon	2.5 gallon
Ports	2 x 1/4" NPT	5 x 1/4" NPT
Weight	3.85 kg [8.5 lbs]	10.9 kg [24 lbs]
Maximum Working Pressure	1034 kPa [150 psi]	
Burst Pressure	4.14 MPa [600 PSI]	
Operating Temperature	-40°C TO +120°C [-40°F TO +248°F]	
Tubing Connection Points	1/4" Tubing Push-to-Connect Fittings	
Finish	Black Powder Coating	

~All pressure values indicated in 'gauge' pressure

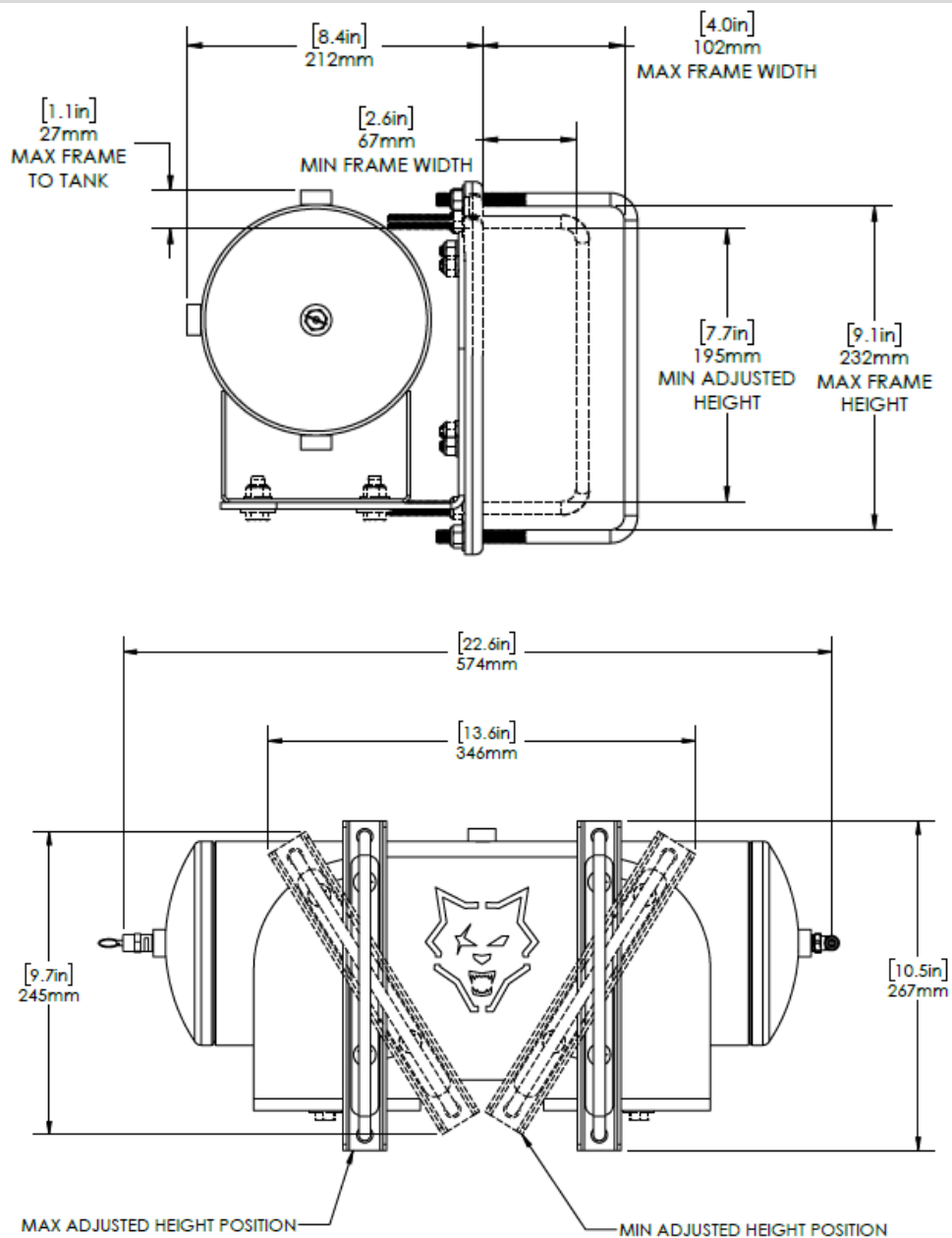
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**HP10718 – ½ Gallon Tank Dimensions**

The 0.5 Gallon kit is designed for use where space is limited. Free space approximately 10" wide by 8" deep is recommended.

~All pressure values indicated in 'gauge' pressure

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**HP10719 – 2 ½ Gallon Tank Dimensions**

The 2 ½ Gallon kit is designed for users needing extra stored air capacity and can fit a larger tank. A free space of 24" wide by 10" deep is recommended.

~All pressure values indicated in 'gauge' pressure

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OPTIONAL WATER SEPARATOR ASSEMBLY

Pacbrake DriAir Water Separator Kits are engineered to integrate directly with BRAVO™ HP30040-QM Wireless Air Controls, providing effective moisture removal to protect the control system and maintain consistent performance. By removing condensation from the compressed air system, the DriAir separator helps prevent corrosion, freezing, and component wear.

The compact design supports installation in a wide range of applications. Adequate clearance and proper mounting orientation should be verified prior to purchase (see dimensions below).

This kit is designed exclusively for use with BRAVO™ HP30040-QM systems. Compatibility with other air management systems is not supported.



Product Highlights

- Effective moisture removal to protect air springs, valves, and accessories from water contamination
- Helps prevent corrosion, freezing, and premature component failure
- Compact, universal mounting design for easy installation
- Includes required fittings and hardware for BRAVO™ HP30040-QM integration

~All pressure values indicated in 'gauge' pressure

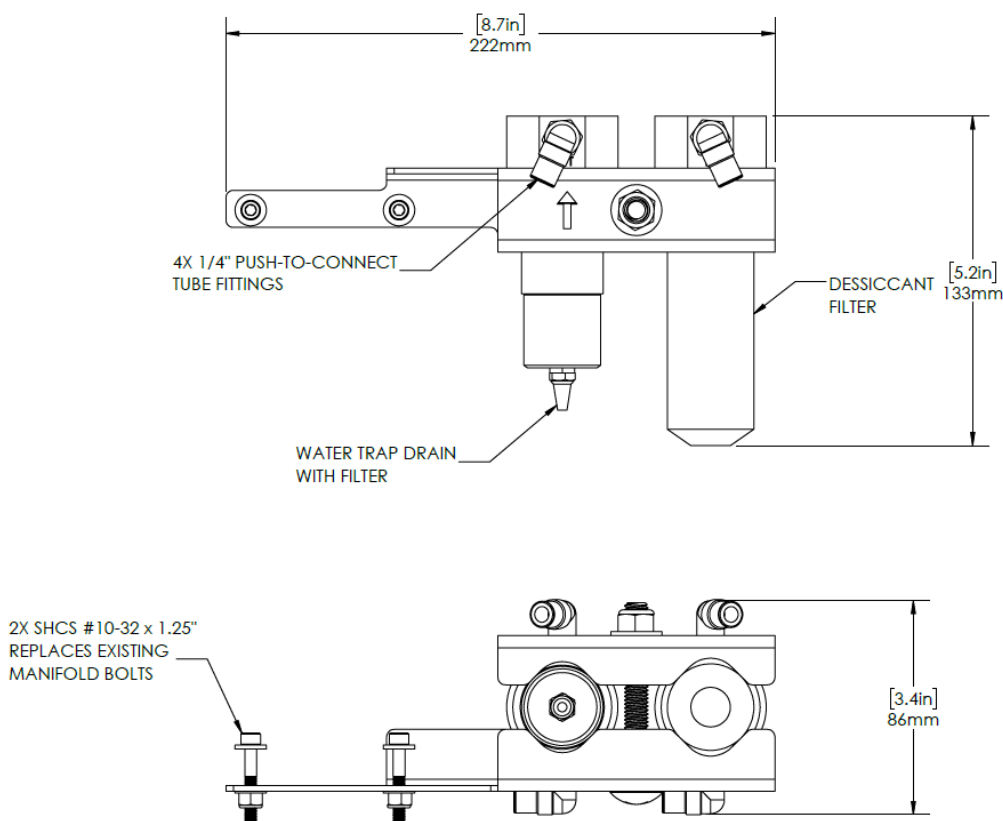
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Specifications

Kit Number	HP10720
System Compatibility	BRAVO™ HP30040-QM only
Maximum Working Pressure	1034 kPa [150 psi]
Burst Pressure	4.14 MPa [600 PSI]
Operating Temperature	-40°C to +70°C [-40°F to +158°F]
Tubing Connection Points	1/4" Tubing Push-to-Connect Fittings
Drain Type	Automatic Solenoid
Harnessing	Stranded Conductor with integrated fuse holder (3A fuse, M8168)
Connectors	IP67 Sealed
Construction	Aluminum filter housings/bowls, steel bracketry
Finish	Black anodized aluminum, powder coated steel
Weight	0.94 kg [2.1 lbs]
Desiccant Replacement Interval	~ 12 Months for average users. Mobile app indicates replacement based on system use.
Desiccant	~30g Blue Indicating Silica Gel

Dimensions

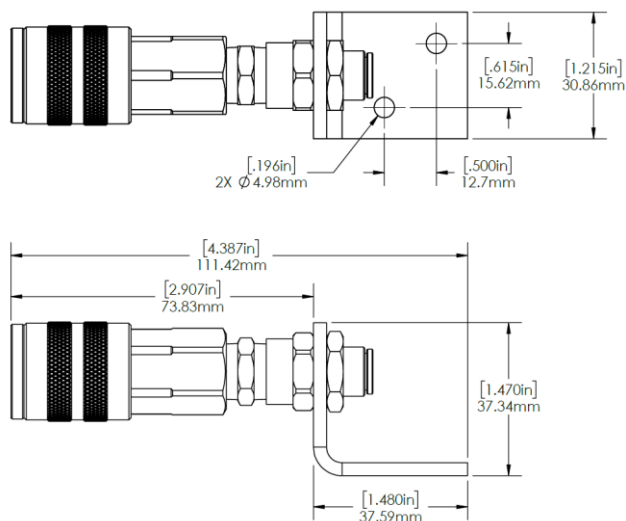


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**OPTIONAL ON-BOARD AIR ACCESSORY KIT**

The optional On-Board Air Accessory Kit expands the utility of the BRAVO™ Wireless Air Controls system by adding general-purpose inflation capability. The kit includes commonly used air tools, fittings, and adapters for inflating tires, recreational equipment, and other air-powered accessories.



Kit Number HP10723

Contents

- Storage bag
- 25 ft coiled air hose with ¼" NPT male ends
- 16 ft ¼" OD nylon air line
- Air blow gun
- Blow gun rubber tip nozzle
- Blow gun tapered nozzle
- Blow gun safety nozzle (2 pcs)
- Blow gun inflation needles (2 pcs)
- Dual-head air chuck
- Pencil tire gauge
- Schrader valve inflation nozzle
- Industrial plug with ¼" NPT male threads (3 pcs)
- Industrial plug with ¼" NPT female threads (2 pcs)
- Industrial socket with ¼" NPT female threads (3 pcs)
- Push-to-connect Tee fitting for ¼" OD nylon tube
- ¼" NPT female to ¼" push-to-connect bulkhead
- ¼" NPT male coupler fitting
- ¼" NPT female coupler fitting
- Bulkhead fitting mounting bracket
- #10 x ¾" self-drilling screw (2 pcs)
- Teflon Tape

~All pressure values indicated in 'gauge' pressure

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OPTIONAL WIRELESS AIR CONTROLS REMOTE

Pacbrake's Wireless Air Controls Remote is a slim and convenient way to adjust the pressure of the BRAVO™ Wireless system in place of a phone and downloadable App. This Remote includes a USB-C charging cable, screen protector, and protective case.

Note: The BRAVO™ Wireless Air Control App and mobile device is still required to access the full feature set of the system.

Specifications

Kit Number	HP10660
Operating System	Android 10
Connection Type	Bluetooth 4.0 Low Energy
Connection Range	9.14 m [30 ft]
User Interface	3" Capacitive Touchscreen Display
Battery Size	2000 mAh
Charging Connection Type	USB Type C
Charging Specification	USB BC 1.2 – 5V/1.5A



Function	Usage
Air Spring Controls	Press and hold Inflate (⬆) or Deflate (⬇) to adjust pressure in air springs Press (→←) to switch between independent or simultaneous control
Pressure Indicator	Provides real time feedback of air pressure in air springs
Presets Tab	Press and hold save current pressure value(s) as a preset Press and release to recall saved preset pressure
Bluetooth Toggle	Tap to manually connect or disconnect to wireless controller
Settings Button	Press to access limited app and system settings: • Pressure Units (PSI/kPa) • Channel Mode (Single/Dual) • Pressure Sensor Calibration

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