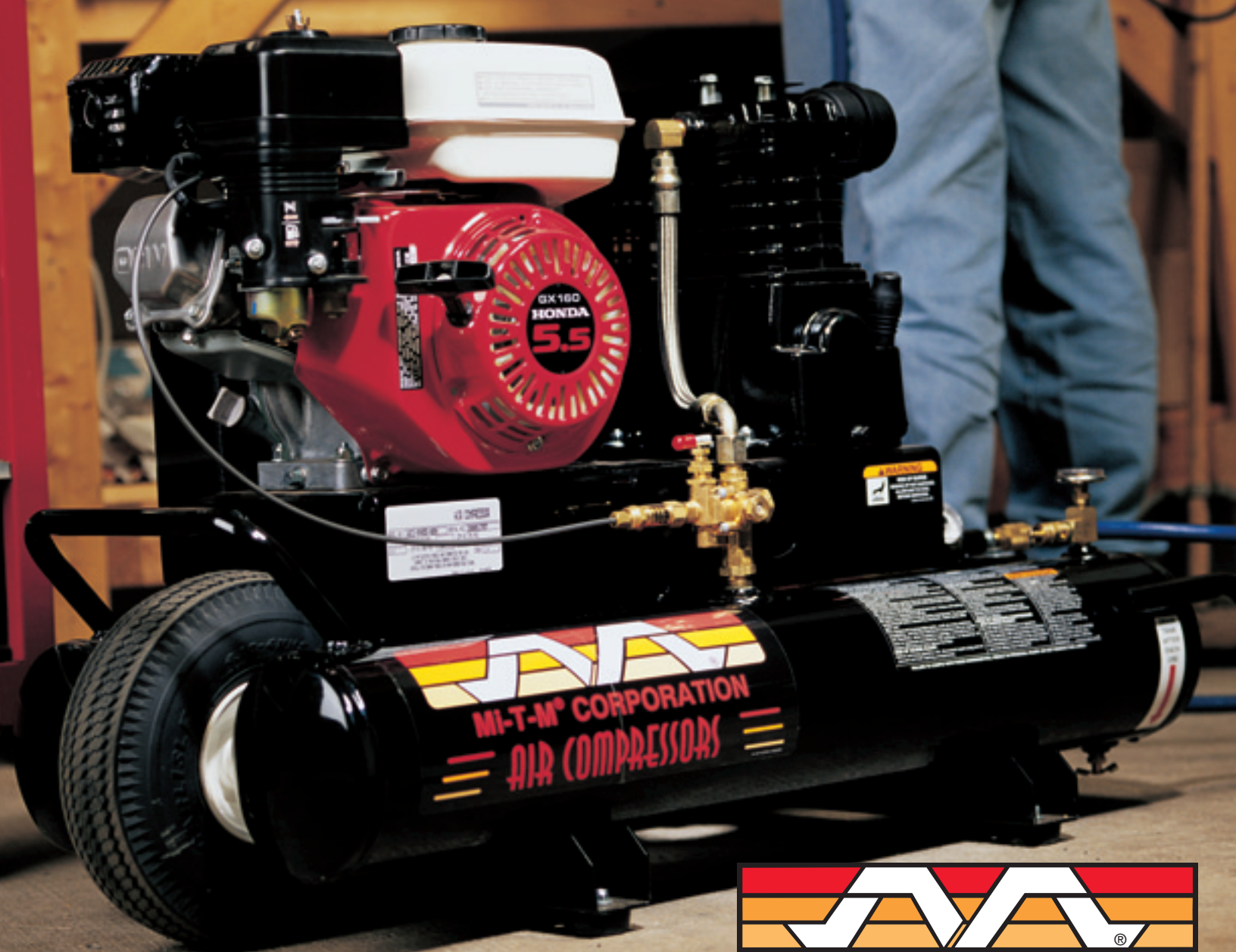


2004 Industrial Air Compressors



Mi-T-M® CORPORATION

Hand Carry - 5 Gallon

Electric/Gasoline - Single Stage

Standard Features:

1. Quality single stage compressor
2. Aluminum oil lubricated crankcase
3. Aluminum head for heat dissipation
4. Cast iron cylinder
5. Canister inlet air filter
6. Start/stop control set at 95-125 PSI
7. Compact and portable twin tank designs
8. 5 gallon powder coated tank assembly
9. 20% larger air tank capacity
10. Powder coated steel frame design
11. Protective pump/motor housing
12. Rubber isolators
13. Drain valves and pressure relief valve
14. Regulator and two gauges for tank and outlet pressure
15. Quick connect fittings
16. Stainless-steel braided discharge hose

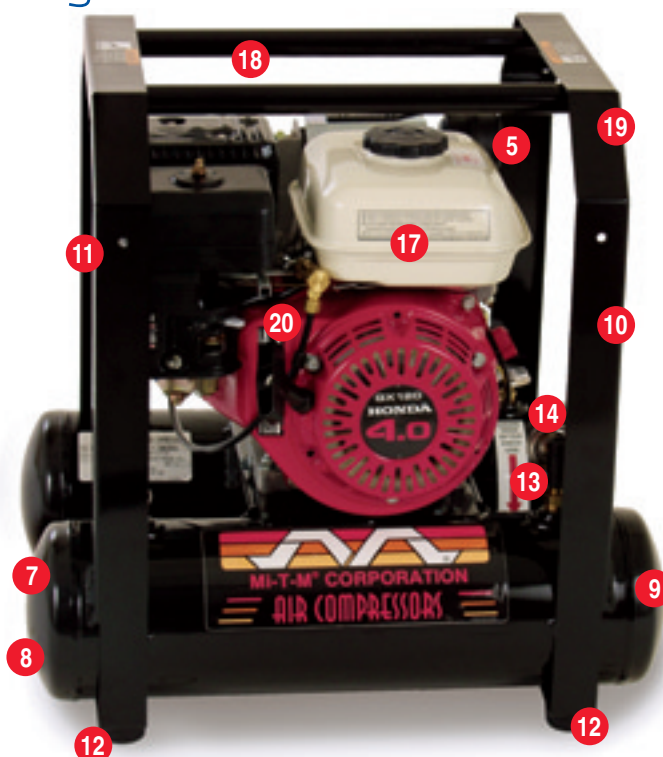
Gasoline Features:

17. OHV Honda or OHC Robin engine
18. Two-handed carrying capability
19. Roll cage design
20. Pneumatic throttle control

Electric Features:

21. 120V single phase 60 Hz. motor with 15 amp plug
22. Thermal overload motor protection
23. Rubber handle for cushioned grip

One (1) year limited warranty



AC1-HH04-05M



AC1-HE02-05M1

Electric Motor

NEW!

Model #	Motor	CFM @ 100 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC1-HE02-05M1	2.0 HP 120V Electric	4.1	15.0	Single	Fini	5 Gallon, Twin Tank	69 lbs.	60 lbs.

Gasoline Engines

Model #	Engine	CFM @ 100 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC1-HH04-05M	4.0 HP Honda OHV	4.4	N/A	Single	Fini	5 Gallon, Twin Tank	84 lbs.	76 lbs.
AC1-HR45-05M	4.5 HP Robin OHC	4.4	N/A	Single	Fini	5 Gallon, Twin Tank	84 lbs.	76 lbs.

Options:

- Engine oil drain (70-0380 for 4.5 HP Robin)

Portable - 8 Gallon

Electric/Gasoline - Single Stage

8 Gallon-Single
Air Compressors

Standard Features:

1. Quality cast iron single stage compressor
2. Splash lubricated cast iron crankcase (aluminum on 6.5 HP model)
3. Aluminum head for heat dissipation
4. Large canister intake filter
5. 10 inch fly wheel for extra cooling and longer life (12 inch fly wheel on 6.5 HP model)
6. 14 gauge powder coated two-piece belt guard with 1/4-turn release for quick access to belts
7. Powder coated 8 gallon twin tank receivers
8. Pneumatic tire with tube and steel hub
9. Convenient lifting handles
10. 7 gauge base plate to reduce vibration
11. Belt tightening system pulls engine straight to ensure constant belt alignment
12. Regulator and two gauges for tank and outlet pressure
13. Manual drain valves for proper maintenance
14. Stainless-steel braided discharge hose

Gasoline Features:

15. Industrial OHV Honda, OHV Vanguard or OHC Robin engine
16. Pneumatic idle control for added safety
17. Quality pilot valve unloader
18. Directional air shroud to reduce temperature of cast iron compressor

Electric Features:

19. Industrial UL listed electric motor
21. Auto start/stop (continuous run optional)
22. Industrial grade pressure switch
- Dual voltage motor (1.5 & 2.0 HP electric models) (not shown)

CSA Certified:

- AC1-PE15-08M

Two (2) year limited warranty

Pump Exchange Program:

The Mi-T-M pump exchange program provides pump replacement for the Mi-T-M customer for the warranty period of two (2) years from the date of purchase.

Electric Motors

Model #	Motor	CFM @ 100 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC1-PE15-08M	1.5 HP 120V Electric	6.5	13.2	Single	Schulz	8 Gallon, Twin Tank	192 lbs.	172 lbs.
AC1-PE15-08M1 *	1.5 HP 120V/230V Electric	6.5	13.2/6.6	Single	Schulz	8 Gallon, Twin Tank	192 lbs.	172 lbs.
AC1-PE02-08M	2.0 HP 120V Electric	8.4	18.8	Single	Schulz	8 Gallon, Twin Tank	195 lbs.	175 lbs.
AC1-PE02-08M1 *	2.0 HP 120V/230V Electric	8.4	18.8/9.4	Single	Schulz	8 Gallon, Twin Tank	195 lbs.	175 lbs.
AC1-PE03-08M	3.0 HP 230V Electric	13.8	14.0	Single	Schulz	8 Gallon, Twin Tank	231 lbs.	184 lbs.

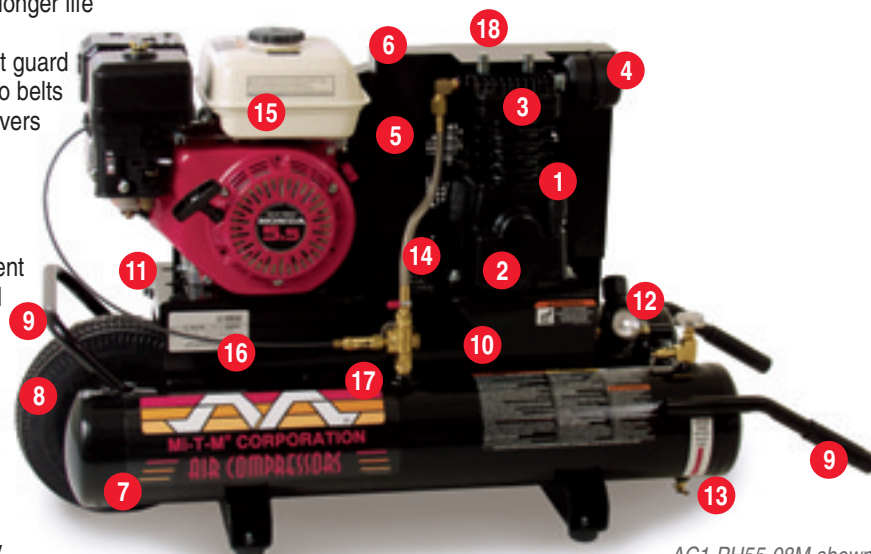
**Includes dual voltage control.*

Gasoline Engines

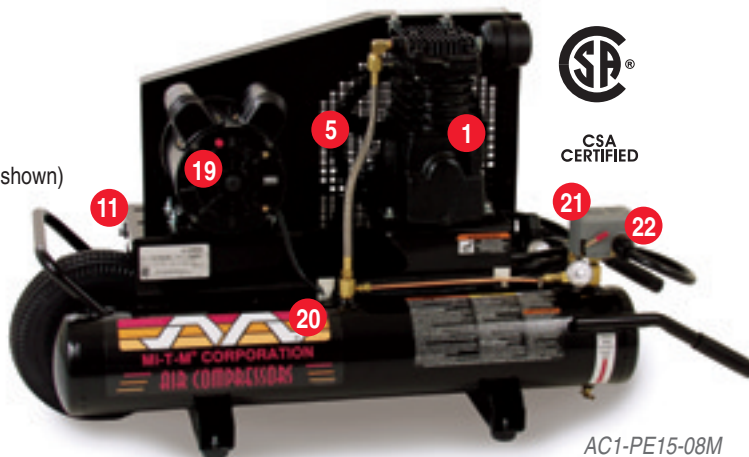
Model #	Engine	CFM @ 100 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC1-PH55-08M	5.5 HP Honda OHV	9.0	N/A	Single	Schulz	8 Gallon, Twin Tank	190 lbs.	170 lbs.
AC1-PR06-08M	6.0 HP Robin OHC	9.0	N/A	Single	Schulz	8 Gallon, Twin Tank	190 lbs.	170 lbs.
AC1-PV06-08M	6.0 HP Vanguard OHV	9.0	N/A	Single	Schulz	8 Gallon, Twin Tank	188 lbs.	168 lbs.
AC1-PH65-08M	6.5 HP Honda OHV	10.4	N/A	Single	Dari	8 Gallon, Twin Tank	170 lbs.	154 lbs.
AC1-PR07-08M	7.0 HP Robin OHC	10.4	N/A	Single	Dari	8 Gallon, Twin Tank	170 lbs.	154 lbs.

Options:

- Auto drain plastic bowl (AX-0002 for Electric models)
- Manual drain plastic bowl (AX-0004)
- Dual control (AX-0005 for Electric models)
- Extended oil drain (AX-0007 for Honda models)
- Engine oil drain (70-0357 for 5.5 & 6.5 HP Honda models) (70-0380 for 6.0 & 7.0 HP Robin models)
- Cable throttle control (Consult Factory for Gasoline models)



AC1-PH55-08M shown with optional cable throttle control (C/F)



AC1-PE15-08M



Portable - 8 Gallon

Electric/Gasoline - Two Stage

Standard Features:

1. Quality two stage compressor
2. Cast iron cylinder
3. Splash lubricated aluminum crankcase
4. Aluminum head for heat dissipation
5. Large canister intake filter
6. 15.7 inch fly wheel for extra cooling and longer life
7. 14 gauge powder coated two-piece belt guard with 1/4-turn release for quick access to belts
8. Powder coated 8 gallon twin tank receivers
9. Pneumatic tire with tube and steel hub
10. Convenient lifting handles
11. 7 gauge base plate to reduce vibration
12. Belt tightening system pulls engine straight to ensure constant belt alignment
13. Regulator and two gauges for tank and outlet pressure
14. Manual drain valves for proper maintenance
15. Stainless-steel braided discharge hose

Gasoline Features:

16. Industrial OHV Honda, OHV Vanguard or OHC Robin engine
17. Pneumatic idle control for added safety
18. Quality pilot valve unloader

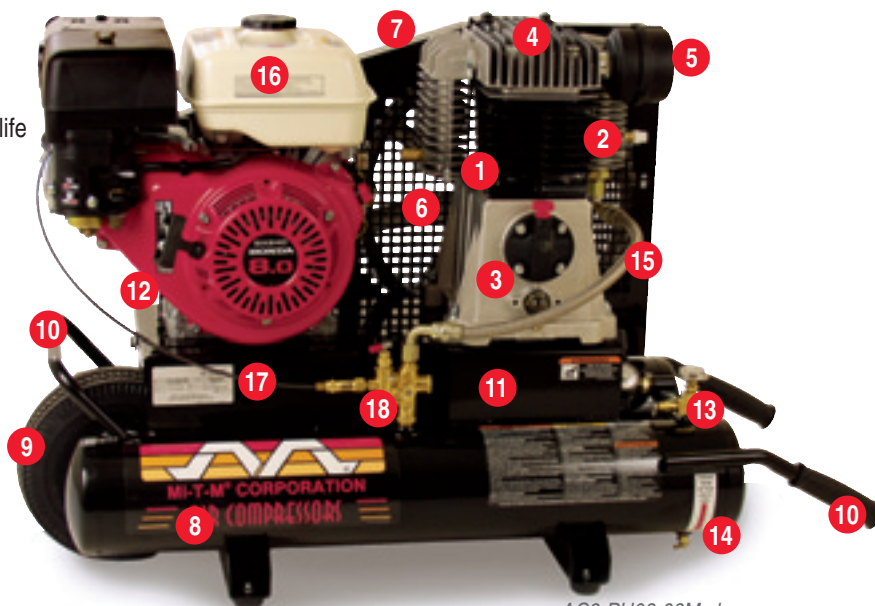
Electric Features:

19. Industrial UL listed electric motor
20. Auto start/stop (continuous run optional)
21. Industrial grade pressure switch

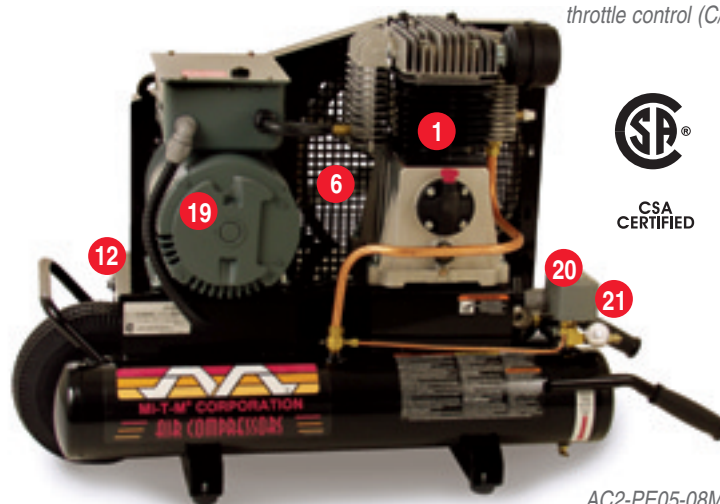
CSA Certified:

- AC2-PE05-08M

Two (2) year limited warranty



AC2-PH08-08M shown with optional cable throttle control (C/F)



AC2-PE05-08M

Electric Motor

Model #	Motor	CFM @ 175 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC2-PE05-08M	5.0 HP 208-230V Electric	15.5	20.0-22.5	Two	Dari	8 Gallon, Twin Tank	259 lbs.	208 lbs.

Gasoline Engines

Model #	Engine	CFM @ 175 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC2-PH08-08M	8.0 HP Honda OHV	15.7	N/A	Two	Dari	8 Gallon, Twin Tank	265 lbs.	214 lbs.
AC2-PR09-08M	9.0 HP Robin OHC	15.7	N/A	Two	Dari	8 Gallon, Twin Tank	265 lbs.	214 lbs.
AC2-PV09-08M	9.0 HP Vanguard OHV	15.7	N/A	Two	Dari	8 Gallon, Twin Tank	263 lbs.	212 lbs.

Options:

- Auto drain metal bowl (AX-0001 for Electric models)
- Manual drain metal bowl (AX-0003)
- Dual control (AX-0010 for Electric models)
- Engine oil drain (70-0358 for 8.0 HP Honda) (70-0380 for 9.0 HP Robin)
- Cable throttle control (Consult Factory for Gasoline models)



Portable - 8 Gallon

Electric/Gasoline - Two Stage

8 Gallon-Two
Air Compressors

Standard Features:

1. Quality two stage compressor
2. Cast iron cylinder
3. Splash lubricated cast iron crankcase
4. Aluminum head for heat dissipation
5. Large canister intake filter
6. 15.7 inch fly wheel for extra cooling and longer life
7. 14 gauge powder coated two-piece belt guard with 1/4-turn release for quick access to belts
8. Powder coated 8 gallon twin tank receivers
9. Two (2) pneumatic tires with tube and steel hub
10. Convenient lifting handles
11. 7 gauge base plate to reduce vibration
12. Belt tightening system pulls engine straight to ensure constant belt alignment
13. Regulator and two gauges for tank and outlet pressure
14. Manual drain valves for proper maintenance
15. Stainless-steel braided discharge hose

Gasoline Features:

16. Industrial OHV Honda, OHV Vanguard or OHC Robin engine
17. Pneumatic idle control for added safety
18. Quality pilot valve unloader

Electric Features:

19. Industrial UL listed electric motor
20. Auto start/stop (continuous run optional)
21. Industrial grade pressure switch

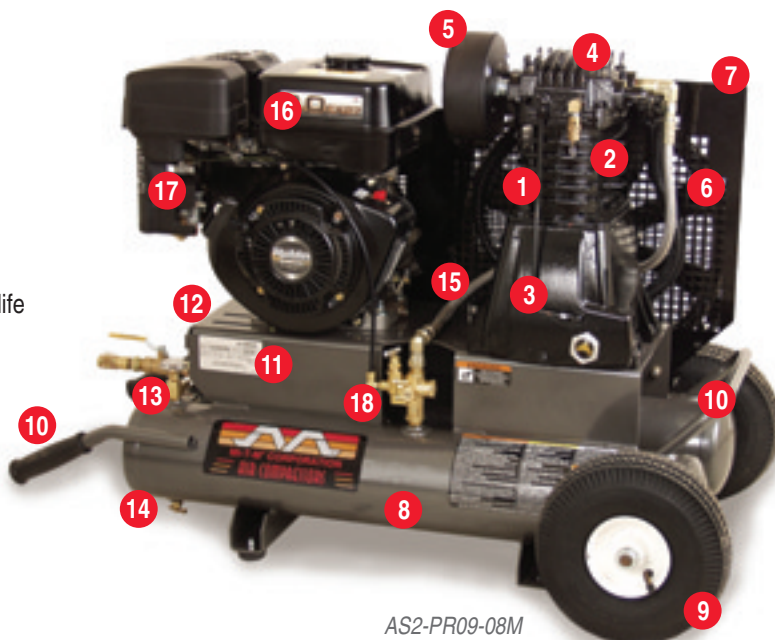
CSA Certified:

- AC2-PE05-08M

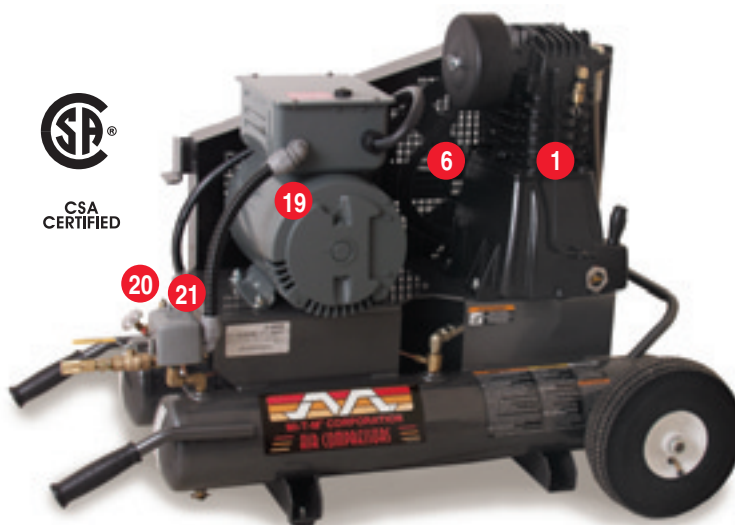
Two (2) year limited warranty

Pump Exchange Program:

The Mi-T-M pump exchange program provides pump replacement for the Mi-T-M customer for the warranty period of two (2) years from the date of purchase.



AS2-PR09-08M



AS2-PE05-08M

Electric Motor

Model #	Motor	CFM @ 175 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
NEW! AS2-PE05-08M	5.0 HP 208-230V Electric	15.5	20.0-22.5	Two	Schulz	8 Gallon, Twin Tank	320 lbs.	250 lbs.

Gasoline Engines

Model #	Engine	CFM @ 175 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
NEW! AS2-PH08-08M	8.0 HP Honda OHV	15.7	N/A	Two	Schulz	8 Gallon, Twin Tank	330 lbs.	260 lbs.
NEW! AS2-PR09-08M	9.0 HP Robin OHC	15.7	N/A	Two	Schulz	8 Gallon, Twin Tank	330 lbs.	260 lbs.
NEW! AS2-PV09-08M	9.0 HP Vanguard OHV	15.7	N/A	Two	Schulz	8 Gallon, Twin Tank	330 lbs.	260 lbs.

Options:

- Auto drain metal bowl (AX-0001 for Electric models)
- Manual drain metal bowl (AX-0003)
- Dual control (AX-0010 for Electric models)
- Engine oil drain (70-0358 for 8.0 HP Honda) (70-0380 for 9.0 HP Robin)
- Cable throttle control (Consult Factory for Gasoline models)

Why Mi-T-M

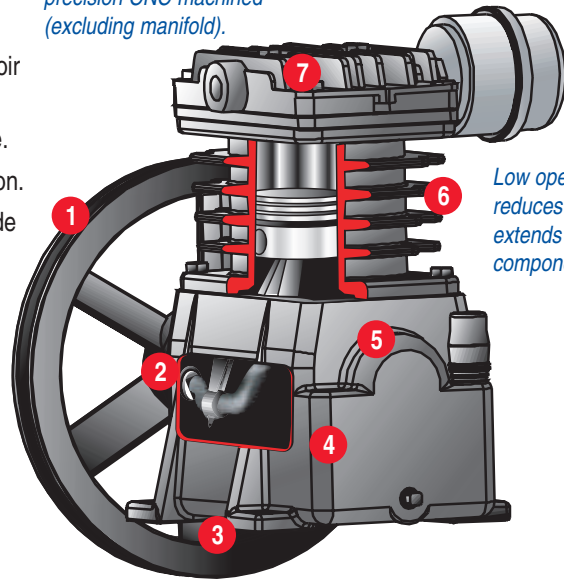
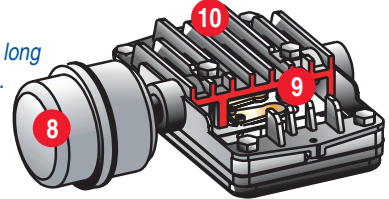
Cast Iron Compressor

The Mi-T-M Pump Exchange Program provides pump replacement for the Mi-T-M customer for the warranty period of two (2) years from the date of purchase. If the air compressor pump fails due to a manufacturing defect during the two (2) year warranty period, Mi-T-M will replace the pump at no charge. The air compressor should be returned to the Mi-T-M authorized dealer where it was purchased. The dealer will remove the pump and replace it with another single stage Mi-T-M pump at no charge. No more pump related maintenance costs! It doesn't get any easier than this. The Pump Exchange Program is not transferable and covers all pump problems with the exception of abuse or lack of basic general maintenance as stated in the owners manual and warranty statement.

1. Large offset on fly wheel blades create exceptional airflow.
2. Ductile iron crankshaft counter balanced for smooth running and longer bearing life.
3. Unique slotted bolt holes make for easy mounting and retrofit-ability.
4. An oversized cast iron crankcase creates a large oil reservoir for reliable lubrication.
5. Oversized shaft bearings for smooth running and longer life.
6. High profile fin design on cylinders optimizes heat dissipation.
7. Reversible cylinder head allows discharge to right or left side of pump.
8. Industrial duty inlet filter/silencer for remarkably low sound levels.
9. Large steel valves offer less restriction to flow giving greater volumetric efficiency, cooler running temperatures and longer valve life.
10. Aluminum head to dissipate heat.

Rugged pump design assures reliability and long maintenance intervals.

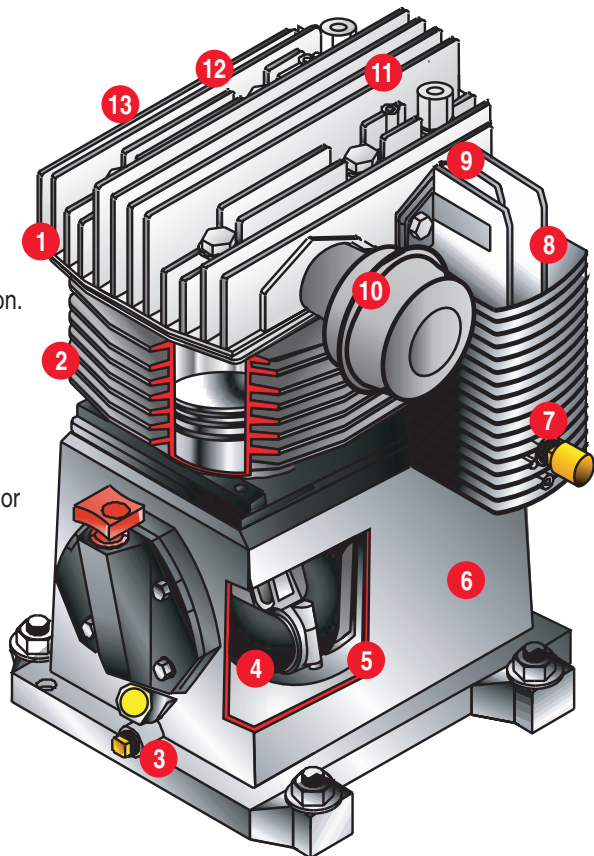
Cast iron construction with all components precision CNC machined (excluding manifold).



Low operating speed reduces wear and extends the life of all components.

Cast Iron Compressor

1. High efficiency valve plate creates more air.
2. Cast iron cylinder for a longer life.
3. Oil sight glass for easy monitoring of the correct oil level.
4. Carefully balanced cast iron crankshaft for reduced vibration.
5. Industrial connecting rod with oil splash fin for excellent lubrication.
6. Aluminum crankcase for lighter weight and heat dissipation resulting in cooler oil temperatures.
7. Safety valve on the after-cooler.
8. Aluminum after-cooler reduces air temperature.
9. Large high efficiency fly wheel moves more air around compressor for cooler running temperatures.
10. Canister air filter.
11. Aluminum head with large fins for optimal heat dissipation.
12. Aluminum inter-cooler reduces air temperature for more efficient operation.
13. Safety valve between the first and second compression stage for compressor protection.



Portable - 20 Gallon

Electric/Gasoline - Single Stage

Standard Features:

1. Quality cast iron single stage compressor
2. Splash lubricated cast iron crankcase
3. Aluminum head for heat dissipation
4. Large canister intake filter
5. 10 inch fly wheel for extra cooling and longer life
6. 14 gauge powder coated two-piece belt guard with 1/4-turn release for quick access to belts
7. Powder coated ASME certified 20 gallon receiver tank
8. Pneumatic tires with tubes and steel hubs
9. Convenient lifting handle
10. 7 gauge base plate to reduce vibration
11. Belt tightening system pulls engine straight to ensure constant belt alignment
12. Regulator and two gauges for tank and outlet pressure
13. Manual drain valves for proper maintenance
14. Stainless-steel braided discharge hose

Gasoline Features:

15. Industrial OHV Honda, OHV Vanguard or OHC Robin engine
16. Pneumatic idle control for added safety
17. Quality pilot valve unloader

Electric Features:

18. Industrial UL listed electric motor
19. Auto start/stop (continuous run optional)
20. Industrial grade pressure switch
- Dual voltage motor (1.5 & 2.0 HP electric models) (not shown)

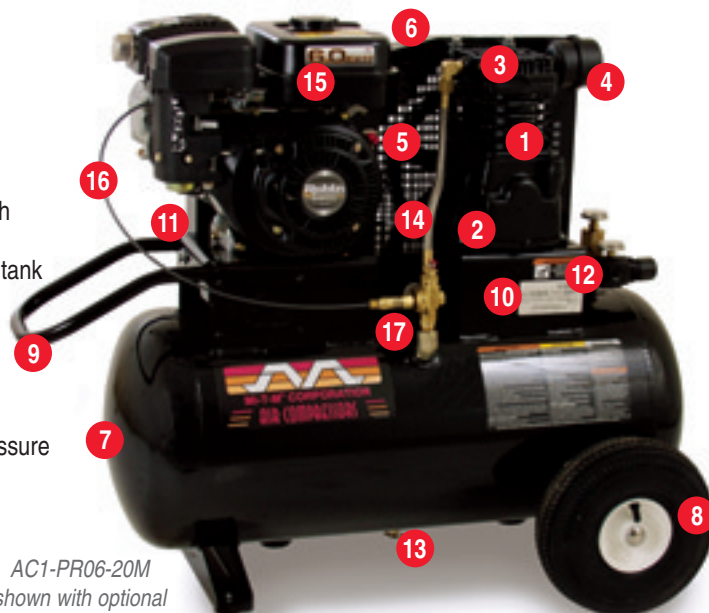
CSA Certified:

- AC1-PE15-20M

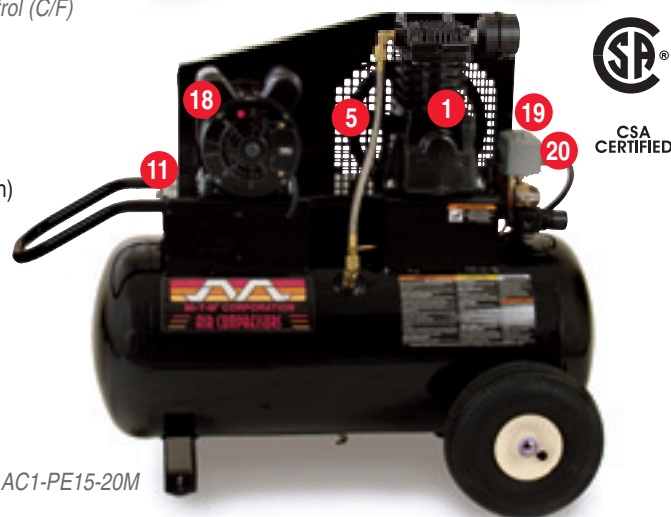
Two (2) year limited warranty

Pump Exchange Program:

The Mi-T-M pump exchange program provides pump replacement for the Mi-T-M customer for the warranty period of two (2) years from the date of purchase.



AC1-PR06-20M
shown with optional
cable throttle
control (C/F)



AC1-PE15-20M



20 Gallon-Single
Air Compressors

Electric Motors

Model #	Motor	CFM @ 100 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC1-PE15-20M	1.5 HP 120V Electric	6.5	13.2	Single	Schulz	20 Gallon	313 lbs.	217 lbs.
AC1-PE15-20M1 *	1.5 HP 120V/230V Electric	6.5	13.2/6.6	Single	Schulz	20 Gallon	313 lbs.	217 lbs.
AC1-PE02-20M	2.0 HP 120V Electric	8.4	18.8	Single	Schulz	20 Gallon	250 lbs.	188 lbs.
AC1-PE02-20M1 *	2.0 HP 120V/230V Electric	8.4	18.8/9.4	Single	Schulz	20 Gallon	253 lbs.	182 lbs.
AC1-PE03-20M	3.0 HP 230V Electric	13.8	14.0	Single	Dari	20 Gallon	293 lbs.	197 lbs.

*Includes dual voltage control.

Gasoline Engines

Model #	Engine	CFM @ 100 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC1-PH55-20M	5.5 HP Honda OHV	9.0	N/A	Single	Schulz	20 Gallon	252 lbs.	177 lbs.
AC1-PR06-20M	6.0 HP Robin OHC	9.0	N/A	Single	Schulz	20 Gallon	252 lbs.	177 lbs.
AC1-PV06-20M	6.0 HP Vanguard OHV	9.0	N/A	Single	Schulz	20 Gallon	250 lbs.	175 lbs.
AC1-PH65-20M	6.5 HP Honda OHV	10.4	N/A	Single	Dari	20 Gallon	276 lbs.	194 lbs.
AC1-PR07-20M	7.0 HP Robin OHC	10.4	N/A	Single	Dari	20 Gallon	276 lbs.	194 lbs.

Options:

- Auto drain plastic bowl (AX-0002 for Electric models)
- Manual drain plastic bowl (AX-0004)
- Extended oil drain (AX-0007 for Honda models)
- Dual control (AX-0008 for Electric models)
- Pneumatic throttle control (AX-0018 for 5.5 HP Honda)
- Engine oil drain (70-0357 for 5.5 & 6.5 HP Honda models)
(70-0380 for 6.0 & 7.0 HP Robin models)
- Cable throttle control (Consult Factory for Gasoline models)
- Rear lifting handle (Consult Factory)

Portable - 20 Gallon

Electric/Gasoline - Two Stage

Standard Features:

1. Quality two stage compressor
2. Cast iron cylinder
3. Splash lubricated aluminum crankcase
4. Aluminum head for heat dissipation
5. Large canister intake filter
6. 15.7 inch fly wheel for extra cooling and longer life
7. 14 gauge powder coated two-piece belt guard with 1/4-turn release for quick access to belts
8. Powder coated ASME certified 20 gallon receiver tank
9. Pneumatic tires with tubes and steel hubs
10. Convenient lifting handle
11. 7 gauge base plate to reduce vibration
12. Belt tightening system pulls engine straight to ensure constant belt alignment
13. Regulator and two gauges for tank and outlet pressure
14. Manual drain valves for proper maintenance
15. Stainless-steel braided discharge hose

Gasoline Features:

16. Industrial OHV Honda, OHV Vanguard or OHC Robin engine
17. Pneumatic idle control for added safety
18. Quality pilot valve unloader

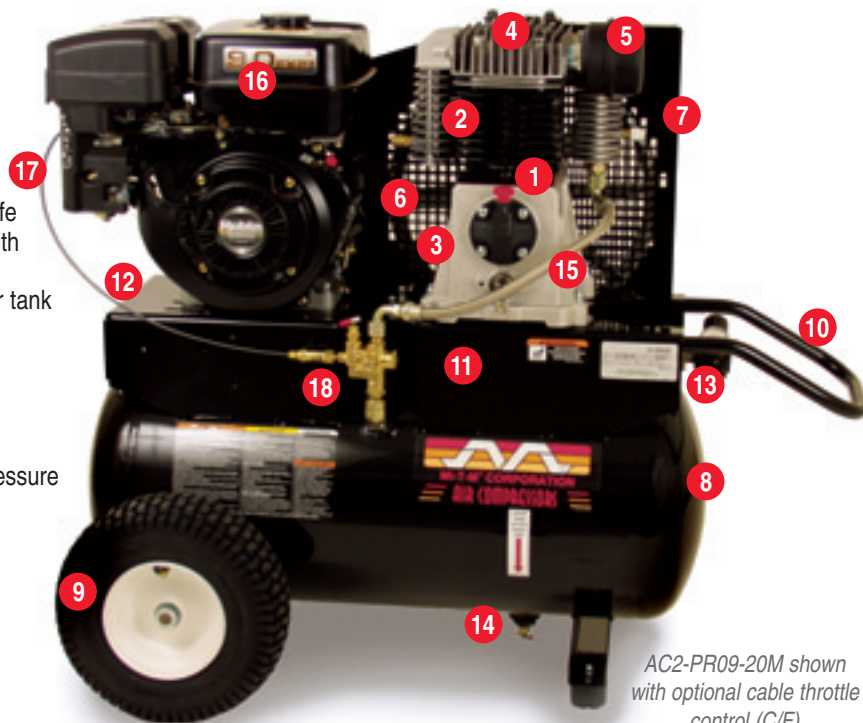
Electric Features:

19. Industrial UL listed electric motor
20. Auto start/stop (continuous run optional)
21. Industrial grade pressure switch

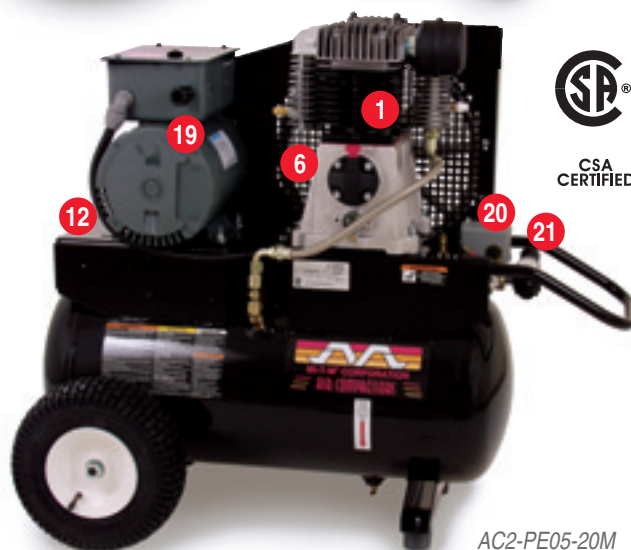
CSA Certified:

- AC2-PE05-20M

Two (2) year limited warranty



AC2-PR09-20M shown with optional cable throttle control (C/F)



AC2-PE05-20M



Electric Motor

Model #	Motor	CFM @ 175 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC2-PE05-20M	5.0 HP 208-230V Electric	15.5	20.0-22.5	Two	Dari	20 Gallon	363 lbs.	266 lbs.

Gasoline Engines

Model #	Engine	CFM @ 175 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC2-PH08-20M	8.0 HP Honda OHV	15.7	N/A	Two	Dari	20 Gallon	369 lbs.	272 lbs.
AC2-PR09-20M	9.0 HP Robin OHC	15.7	N/A	Two	Dari	20 Gallon	367 lbs.	270 lbs.
AC2-PV09-20M	9.0 HP Vanguard OHV	15.7	N/A	Two	Dari	20 Gallon	367 lbs.	270 lbs.
AC2-PH11-20M	11.0 HP Honda OHV	20.1	N/A	Two	Dari	20 Gallon	378 lbs.	285 lbs.

Options:

- Auto drain metal bowl (AX-0001 for Electric models)
- Manual drain metal bowl (AX-0003)
- Dual control (AX-0009 for Electric models)
- Electric start (battery and cables included)
- Engine oil drain (70-0358 for 8.0 & 11.0 HP Honda models)
- Cable throttle control (Consult Factory for Gasoline models)
- Rear lifting handle (N/A for models with electric start option)
- (AX-0016 for 11.0 HP Honda) (AX-0017 for 8.0 HP Honda)
- (Consult Factory)

Stationary - 20 Gallon

Electric/Gasoline - Two Stage

20 Gallon-Two
Air Compressors

Standard Features:

1. Quality two stage compressor
2. Cast iron cylinder
3. Splash lubricated aluminum crankcase
4. Aluminum head for heat dissipation
5. Large canister intake filter
6. 15.7 inch fly wheel for extra cooling and longer life
7. 14 gauge powder coated two-piece belt guard with 1/4-turn release for quick access to belts
8. Powder coated ASME certified 20 gallon receiver tank
9. 7 gauge base plate to reduce vibration
10. Belt tightening system pulls engine straight to ensure constant belt alignment
11. Regulator and two gauges for tank and outlet pressure
12. Manual drain valves for proper maintenance
13. Stainless-steel braided discharge hose

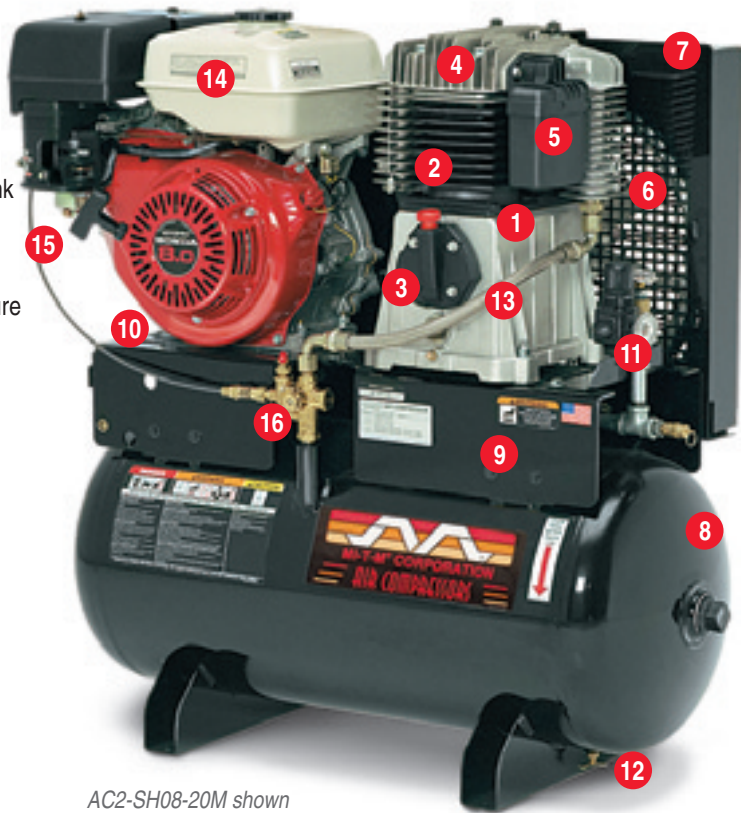
Gasoline Features:

14. Industrial OHV Honda, OHV Vanguard or OHC Robin engine (electric start optional)
15. Pneumatic idle control for added safety
16. Quality pilot valve unloader

Electric Features:

- Industrial UL listed electric motor
- Auto start/stop (continuous run optional)
- Industrial grade pressure switch

Two (2) year limited warranty



AC2-SH08-20M shown
with optional cable
throttle control (C/F)

Electric Motor

Model #	Motor	CFM @ 175 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC2-SE05-20M	5.0 HP 208-230V Electric	15.5	20.0-22.5	Two	Dari	20 Gallon	357 lbs.	264 lbs.

Gasoline Engines

Model #	Engine	CFM @ 175 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC2-SH08-20M	8.0 HP Honda OHV	15.7	N/A	Two	Dari	20 Gallon	359 lbs.	266 lbs.
AC2-SR09-20M	9.0 HP Robin OHC	15.7	N/A	Two	Dari	20 Gallon	367 lbs.	270 lbs.
AC2-SV09-20M	9.0 HP Vanguard OHV	15.7	N/A	Two	Dari	20 Gallon	367 lbs.	270 lbs.

Options:

- Auto drain metal bowl (AX-0001 for Electric models)
- Manual drain metal bowl (AX-0003)
- Dual control (AX-0009 for Electric models)
- Electric start (battery and cables not included)
(AX-0015 for 8.0 HP Honda)
(AX-0013 for 9.0 HP Vanguard)
(Consult Factory for 9.0 HP Robin)
- Electric start (battery and cables included)
(AX-0017 for 8.0 HP Honda)
- Battery and battery cables (Consult Factory)
- Engine oil drain (70-0358 for 8.0 HP Honda)
- Engine oil drain (70-0380 for 9.0 HP Robin)
- Cable throttle control (Consult Factory for Gasoline models)

Portable - 30 Gallon

Electric/Gasoline - Two Stage

Standard Features:

1. Quality two stage compressor
2. Cast iron cylinder
3. Splash lubricated aluminum crankcase
4. Aluminum head for heat dissipation
5. Large canister intake filter
6. 15.7 inch fly wheel for extra cooling and longer life
7. 14 gauge powder coated two-piece belt guard with 1/4-turn release for quick access to belts
8. Powder coated ASME certified 30 gallon receiver tank
9. Pneumatic tires (2) with tubes and steel hubs
10. Convenient lifting handle
11. 7 gauge base plate to reduce vibration
12. Belt tightening system pulls engine straight to ensure constant belt alignment
13. Regulator and two gauges for tank and outlet pressure
14. Manual drain valves for proper maintenance
15. Stainless-steel braided discharge hose

Gasoline Features:

16. Industrial OHV Honda, OHV Vanguard or OHC Robin engine
17. Pneumatic idle control for added safety
18. Quality pilot valve unloader
19. Electric start (see options)

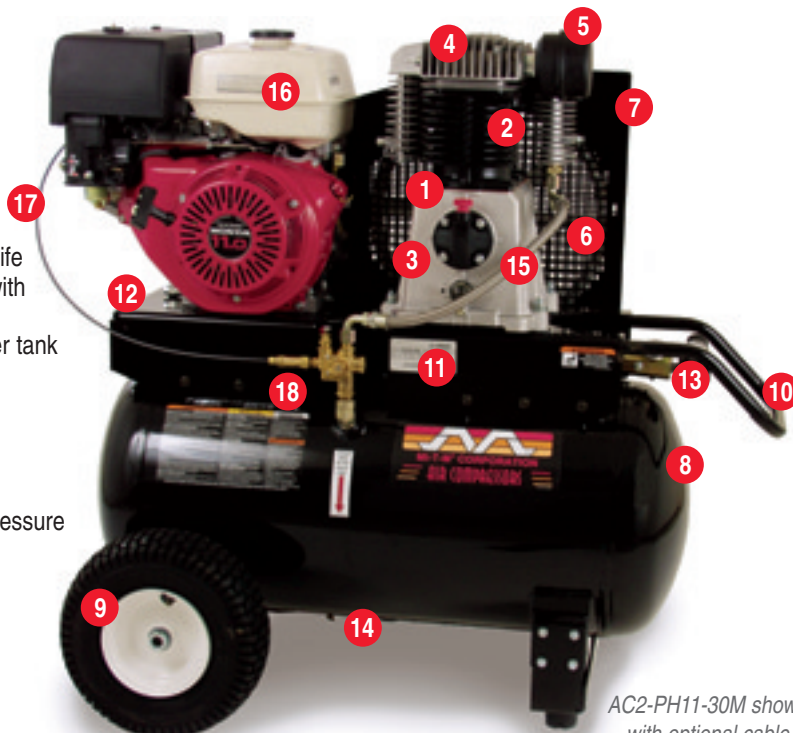
Electric Features:

- Industrial UL listed electric motor
- Auto start/stop (continuous run optional)
- Industrial grade pressure switch

CSA Certified:

- AC2-PE05-30M

Two (2) year limited warranty



AC2-PH11-30M shown with optional cable throttle control (C/F)



AC2-PH11-30M with roll cage (AX-0020), electric start (AX-0016) and cable throttle control (C/F) options

Electric Motor

Model #	Motor	CFM @ 175 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC2-PE05-30M	5.0 HP 208-230V Electric	15.5	20.0-22.5	Two	Dari	30 Gallon	391 lbs.	298 lbs.

Gasoline Engines

Model #	Engine	CFM @ 175 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC2-PH08-30M	8.0 HP Honda OHV	15.7	N/A	Two	Dari	30 Gallon	391 lbs.	298 lbs.
AC2-PR09-30M	9.0 HP Robin OHC	15.7	N/A	Two	Dari	30 Gallon	391 lbs.	298 lbs.
AC2-PV09-30M	9.0 HP Vanguard OHV	15.7	N/A	Two	Dari	30 Gallon	391 lbs.	298 lbs.
AC2-PH11-30M	11.0 HP Honda OHV	19.1	N/A	Two	Dari	30 Gallon	409 lbs.	316 lbs.
AC2-PV11-30M	11.0 HP Vanguard OHV	19.1	N/A	Two	Dari	30 Gallon	409 lbs.	316 lbs.

Options:

- Auto drain metal bowl (AX-0001 for Electric models)
- Manual drain metal bowl (AX-0003)
- Dual control (AX-0009 for Electric models)
- Electric start (battery and cables included) (AX-0016 for 11.0 HP Honda) (AX-0017 for 8.0 HP Honda)
- Roll cage with four (4) wheels and brake (AX-0020)
- Electric start (battery and cables not included) (AX-0019 for 11.0 HP Honda)
- Engine oil drain (70-0358 for 8.0 & 11.0 HP Honda models) (70-0380 for 9.0 HP Robin)
- Cable throttle control (Consult Factory for Gasoline models)
- Rear lifting handle (N/A for models with electric start option) (Consult Factory)

Stationary - 30 Gallon

Electric/Gasoline - Single & Two Stage

30 Gallon-Single & Two
Air Compressors

Standard Features:

1. Quality single or two stage compressor
2. Cast iron cylinder
3. Splash lubricated aluminum crankcase
4. Aluminum head for heat dissipation
5. Large canister intake filter
6. 15.7 inch fly wheel for extra cooling and longer life (10 inch fly wheel on single stage model)
7. 14 gauge powder coated two-piece belt guard with 1/4-turn release for quick access to belts
8. Powder coated ASME certified 30 gallon receiver tank
9. 7 gauge base plate to reduce vibration
10. Belt tightening system pulls engine straight to ensure constant belt alignment
11. Regulator and two gauges for tank and outlet pressure
12. Manual drain valves for proper maintenance
13. Stainless-steel braided discharge hose

Gasoline Features:

14. Industrial OHV Honda, OHV Vanguard or OHC Robin engine
15. Pneumatic idle control for added safety

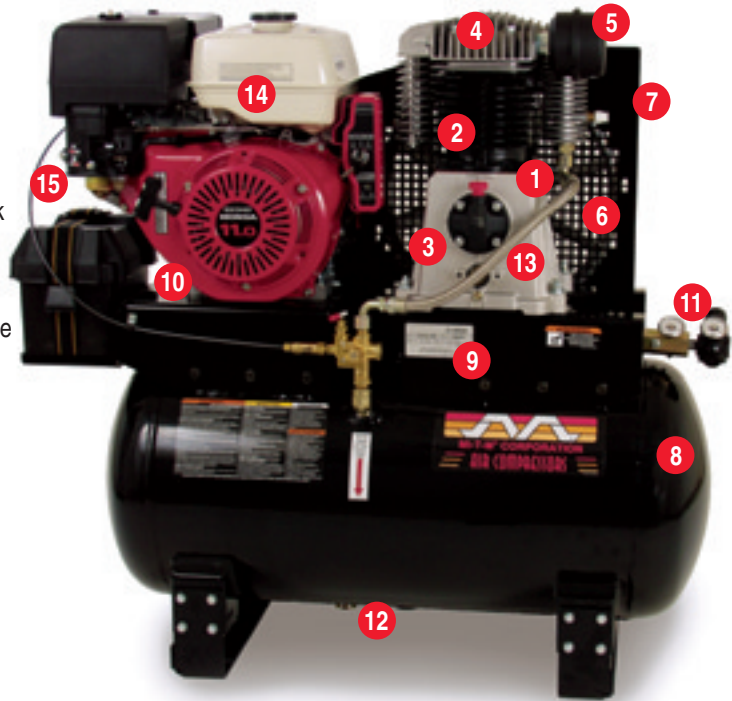
Electric Features:

- Industrial UL listed electric motor
- Auto start/stop (continuous run optional)
- Industrial grade pressure switch

CSA Certified:

- AC2-SE05-30M

Two (2) year limited warranty



AC2-SH11-30M shown
with electric start (AX-0019),
battery and battery cables (C/F) and
cable throttle control (C/F) options

Electric Motors

Model #	Motor	CFM @ 100 PSI	CFM @ 175 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
NEW! AC1-SE03-30M	3.0 HP 230V Electric	13.8	--	14.0	Single	Dari	30 Gallon	323 lbs.	230 lbs.
AC2-SE05-30M	5.0 HP 208-230V Electric	--	15.5	20.0-22.5	Two	Dari	30 Gallon	385 lbs.	292 lbs.



Gasoline Engines

Model #	Engine	CFM @ 175 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC2-SH08-30M	8.0 HP Honda OHV	15.7	N/A	Two	Dari	30 Gallon	385 lbs.	292 lbs.
AC2-SR09-30M	9.0 HP Robin OHC	15.7	N/A	Two	Dari	30 Gallon	385 lbs.	292 lbs.
AC2-SV09-30M	9.0 HP Vanguard OHV	15.7	N/A	Two	Dari	30 Gallon	385 lbs.	292 lbs.
AC2-SH11-30M	11.0 HP Honda OHV	19.1	N/A	Two	Dari	30 Gallon	403 lbs.	310 lbs.
AC2-SV11-30M	11.0 HP Vanguard OHV	20.1	N/A	Two	Dari	30 Gallon	403 lbs.	310 lbs.

Options:

- Auto drain metal bowl (AX-0001 for Electric two stage model)
- Manual drain metal bowl (AX-0003 for two stage models)
- Auto drain plastic bowl (AX-0002 for Electric single stage model)
- Manual drain plastic bowl (AX-0004 for single stage model)
- Dual control (AX-0009 for Electric models)
- Electric start (battery and cables not included)
(AX-0015 for 8.0 HP Honda)
(AX-0013 for 9.0 HP Vanguard)
(Consult Factory for 9.0 HP Robin)
(AX-0019 for 11.0 HP Honda)
- Electric start (battery and cables included)
(AX-0017 for 8.0 HP Honda)
- Wall mount bracket (AX-0022 for AC1-SE03-30M)
- Engine oil drain (70-0358 for 8.0 & 11.0 HP Honda models)
(70-0380 for 9.0 HP Robin)
- Battery and battery cables (Consult Factory)
- Cable throttle control (Consult Factory for Gasoline models)

Stationary - 80 Gallon

Electric - Single & Two Stage

Standard Features:

1. Industrial UL listed electric motor for a long life
2. Auto start/stop
3. 208-230V single phase 60 Hz.
4. Quality single or two stage compressor
5. Cast iron cylinder
6. Splash lubricated aluminum crankcase and head (5.0 HP models)
7. Splash lubricated cast iron crankcase and head (7.5 HP model)
8. Large canister intake filter
9. Large fly wheel for extra cooling and longer life
10. 14 gauge powder coated two-piece belt guard with 1/4-turn release for quick access to belts (5.0 HP models)
11. 14 gauge powder coated one-piece belt guard for quick access to belts (7.5 HP model)
12. Two stage intercooler
13. Powder coated ASME certified 80 gallon receiver tank
14. 7 gauge base plate to reduce vibration
15. Manual drain valves for proper maintenance
16. Industrial grade pressure switch

CSA Certified:

- AC1-SE05-80M
- AC2-SE05-80M

Two (2) year limited warranty



AC1-SE05-80M



AS3-VE75-80M

Single Stage - Electric Motor

Model #	Motor	CFM @ 100 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC1-SE05-80M	5.0 HP 208-230V Electric	11.7	20.0-22.5	Single	Dari	80 Gallon, Vertical	499 lbs.	380 lbs.

Two Stage - Electric Motors

Model #	Engine	CFM @ 175 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AC2-SE05-80M	5.0 HP 208-230V Electric	15.5	20.0-22.5	Two	Dari	80 Gallon, Vertical	526 lbs.	407 lbs.
AS3-VE75-80M	7.5 HP 208-230V Electric	24.0	35.0	Two	Schulz	80 Gallon, Vertical	526 lbs.	407 lbs.

Options:

- Magnetic starter with mounting box and wiring (AC1-SE05-80M) (Included with unit)
- Magnetic starter with mounting box and wiring (AC2-SE05-80M) (Included with unit)
- Magnetic starter with mounting box and wiring (AS3-VE75-80M) (Consult Factory) (Not included with unit)
- 3 Phase, 208-230V/460V (AS3-VE75-80M) (Consult Factory)

Stationary - 120 Gallon

Electric - Two Stage

Standard Features:

1. Industrial electric motor for a long life
2. Auto start/stop
3. 230V three phase motor
4. Quality two stage compressor
5. Cast iron cylinder
6. Splash lubricated cast iron crankcase
7. Cast iron head
8. Dual large canister intake filters
9. Oil sight glass
10. Large fly wheel for extra cooling and longer life
11. 14 gauge powder coated one-piece belt guard for quick access to belts
12. Two stage intercooler
13. Powder coated ASME certified 120 gallon receiver tank
14. 7 gauge base plate to reduce vibration
15. Manual drain valves for proper maintenance
16. Industrial grade pressure switch

Two (2) year limited warranty



AS8-HE20-120M

Electric Motors

Model #	Motor	CFM @ 175 PSI	Amps	Stage	Pump	Receiving Tank	Ship Wt.	Net Wt.
AS4-HE10-120M	10.0 HP 230V, 3Ø Electric	30.5	22.0	Two	Schulz	120 Gallon, Horizontal	917 lbs.	798 lbs.
AS6-HE15-120M	15.0 HP 230V, 3Ø Electric	43.8	40.0	Two	Schulz	120 Gallon, Horizontal	954 lbs.	835 lbs.
AS8-HE20-120M	20.0 HP 230V, 3Ø Electric	54.9	50.0	Two	Schulz	120 Gallon, Horizontal	1069 lbs.	950 lbs.

Options:

- Magnetic starter
 - (AS4-HE10-120M) (Consult Factory) (Not included with unit)
 - (AS6-HE15-120M) (Consult Factory) (Not included with unit)
 - (AS8-HE20-120M) (Consult Factory) (Not included with unit)
- 208-460V option (Consult Factory)
- Single phase, 230V option (AS4-HE10-120M) (Consult Factory)

Air Compressor Accessories



A. Replacement Pump

3-0215

- Single stage
- Cast iron with aluminum head

3-0174

- Two stage
- Cast iron cylinder with aluminum head and sump

B. Air Hoses

15-0230 (3/8 inch x 50 foot PVC)

15-0231 (3/8 inch x 25 foot PVC)

15-0232 (3/8 inch x 50 foot rubber)

15-0233 (3/8 inch x 25 foot rubber)

- 1/4 inch NPT fittings

- Bend restrictors

15-0229 (24 inch leader hose with swivel)

B. Air Chucks

AT-3001 (Dual foot - 1/4 inch FPT)

AT-3002 (Ball foot - 1/4 inch FPT)

AT-3003 (Deluxe air inflator with 12 inch hose)

D. Fittings

23-0051 (Barbed hose fitting)

- 1/4 inch MPT fits 1/4 inch I.D. hose

23-0069 (Barbed hose fitting)

- 1/4 inch MPT fits 3/8 inch I.D. hose

23-0002 (Brass coupling)

- 1/4 inch FPT x 1/4 inch FPT

23-0103 (Brass coupling)

- 1/4 inch MPT x 1/4 inch MPT

23-0415 (Barbed hose splicer)

- Fits 1/4 inch I.D. hose

23-0416 (Barbed hose splicer)

- Fits 3/8 inch I.D. hose

E Gauges

22-0257 (200 PSI maximum rating)

22-0271 (300 PSI maximum rating)

- 1/8 inch MPT

F. Hex Nipples

24-0146 (3/8 inch x 1/4 inch)

24-0010 (3/8 inch x 3/8 inch)

G. Engine Oil Drain Kits

70-0357 (5.5 & 6.5 HP Honda engines)

70-0358 (8.0, 9.0, 11.0 & 13.0 HP Honda engines)

70-0380 (4.5, 6.0, 7.0 & 9.0 HP Robin engines)

H. Compressor Drain

AT-4012 (1/4 inch automatic electric compressor drain)

- Automatically drains filters, compressor tanks, drip legs, aftercoolers and receivers

- 1/4 inch NPT connector

I. Test Bar

17-4952 (Coupler test bar)

J. Air/Water Adapter Kit

23-0414

- For filling tires with liquid

K. Air Filter Elements

Paper air filter replacement elements

19-0218 (2½ inch diameter x 3/8 inch M)

- Replacement filter for 19-0217

19-0082 (¾ inch diameter x 1/2 inch M)

- Replacement filter for 19-0083

19-0220 (4½ inch diameter x 1 inch M)

- Replacement filter for 19-0219

19-0226 (6 inch diameter x 3/4 inch M)

- Replacement filter for 19-0225

L. Air Filter Canisters

19-0215 (2½ inch diameter x 3/8 inch M)

- Plastic filter canister

19-0217 (2½ inch diameter x 3/8 inch M)

- Metal filter canister

19-0083 (¾ inch diameter x 1/2 inch M)

- Metal filter canister

19-0219 (4½ inch diameter x 1 inch M)

- Metal filter canister

19-0225 (6 inch diameter x 3/4 inch M)

- Metal filter canister

M. Blow Guns

AT-3004 (Blow gun, standard rubber tip)

AT-3005 (Blow gun, safety tip)

AT-3007 (AT-3005 with 1 foot extension)

AT-3008 (AT-3005 with 2 foot extension)

AT-3009 (AT-3005 with 4 foot extension)

N. Filters

Removes dirt, debris and water in air line.

AT-4004 (1/4 inch poly bowl)

- Includes bowl guard and manual drain

- 150 psig maximum supply pressure

AT-4005 (1/2 inch metal bowl)

- Includes sight glass and manual drain

- 250 psig maximum supply pressure

AT-4006 (3/8 inch poly bowl)

- Includes bowl guard and manual drain

- 150 psig maximum supply pressure

AT-4007 (Disposable in-line filter)

- 1/4 inch MPT x 1/4 inch FPT

AT-4008 (Air tool filter)

- 1/4 inch MPT x 1/4 inch FPT

Air Compressor Accessories



O. Filter/Regulator

AT-4011 (3/8 inch filter/regulator)

- Poly bowl with manual drain
- Removes dirt, debris and water in air line
- 150 psig maximum supply pressure

P. Regulators

22-0326

- 1/4 inch inlet/outlet
- 1/8 inch gauge port
- 250 psig max. inlet/125 psig max. outlet

22-0231

- 3/8 inch inlet/outlet
- 1/8 inch gauge port
- 300 psig max. inlet/150 psig max. outlet

22-0358

- 1/2 inch inlet/outlet
- 1/4 inch gauge port
- 300 psig max. inlet/250 psig max. outlet

Q. In-Line Lubricators

Used to lubricate air tools.

AT-4009 (1/4 inch poly bowl with bowl guard)

AT-4010 (3/8 inch poly bowl with bowl guard)

- 150 psig maximum supply pressure

R. Plugs

17-0049 (1/4 inch MPT-1/4 ind. interchange style)

17-0050 (1/4 inch MPT-1/4 automotive style)

17-0051 (1/4 inch MPT-1/4 Lincoln style)

17-0052 (1/4 inch MPT-1/4 ARO style)

17-0053 (1/4 inch FPT-1/4 ind. interchange style)

17-0054 (1/4 inch FPT-1/4 automotive style)

17-0055 (1/4 inch FPT-1/4 Lincoln style)

17-0056 (1/4 inch FPT-1/4 ARO style)

17-0061 (3/8 inch MPT-3/8 ind. interchange style)

17-0062 (3/8 inch FPT-3/8 ind. interchange style)

23-0017 (3/8 inch to 1/4 inch reducer)

S. Couplers

17-0043 (1/4 inch MPT-1/4 ind. interchange style)

17-0044 (1/4 inch MPT-1/4 automotive style)

17-0045 (1/4 inch FPT-1/4 ind. interchange style)

17-0046 (1/4 inch FPT-1/4 automotive style)

17-0047 (1/4 inch FPT-1/4 Lincoln style)

17-0048 (1/4 inch MPT-1/4 ARO style)

17-0059 (3/8 inch MPT-3/8 ind. interchange style)

17-0060 (3/8 inch FPT-3/8 ind. interchange style)

17-0067 (3/8 inch FPT-1/4 ind. interchange style)

17-0068 (3/8 inch MPT-1/4 ind. interchange style)

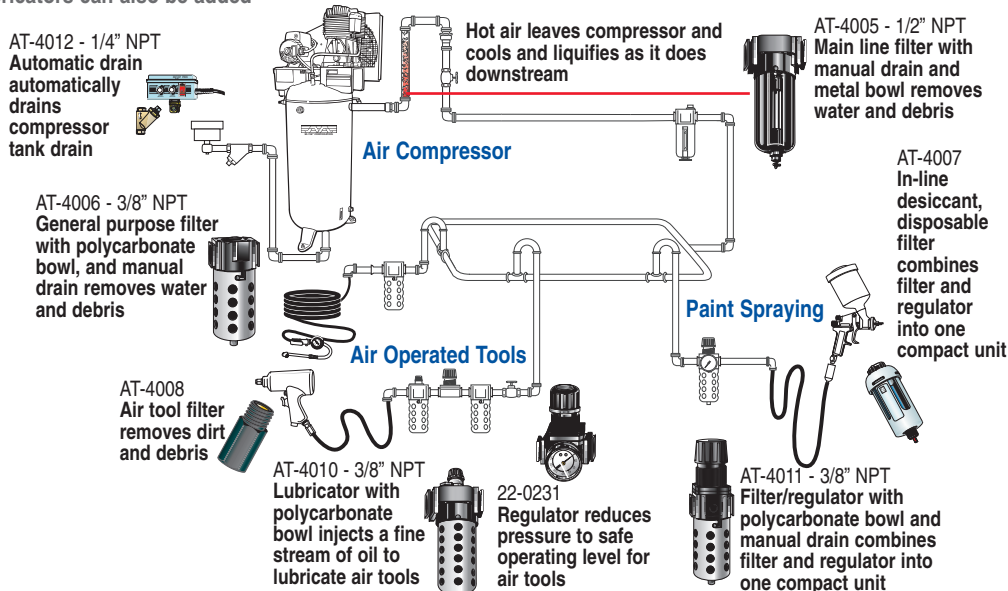
T. Coupler/Plug Sets

17-0045K (1/4 inch FPT-1/4 ind. interchange style/1/4 inch MPT-1/4 ind. interchange style)

17-0046K (1/4 inch FPT-1/4 automotive style/1/4 inch MPT-1/4 automotive style)

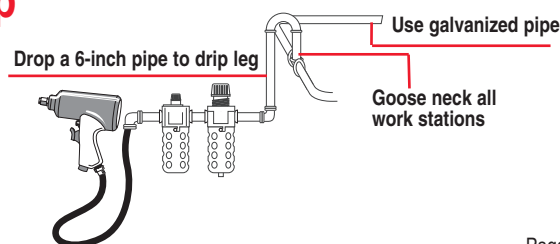
Building an efficient air system

Compressed air powered equipment and machinery are critical elements in the productivity, efficiency and economy of today's industry. Quality air is the essential element for effective operation of this equipment. Water and dirt can cause major problems in compressed air lines. The use of filters that remove moisture and impurities from the air help high-speed pneumatic production lines operate more efficiently. Regulators and lubricators can also be added to control and lubricate downstream equipment. A quality air system can save time, money and keep equipment operating at maximum efficiency.



Important Steps to an Air System Setup

1. Main-line filter and regulator should be placed at least 20 feet from the compressor. The air will cool down, allowing much of the water vapor to condense naturally for removal by filtration.
2. All line drops (work stations) should be taken from the top of the main line. This prevents water from flowing into branch lines.
3. Galvanized pipe is recommended when building an air system.
4. Follow illustration to the right when building a work station drop.



Why Mi-T-M

Air Equipment Estimating Guide

Always use free air (CFM) and pressure (PSI) specifications from the nameplate on the device or from the manufacturer. Free air figures (in the tables below) are averages and may differ by specific brand.

INDUSTRIAL EQUIPMENT CFM REQUIREMENTS BASED ON NORMAL USAGE		AUTOMOTIVE EQUIPMENT CFM REQUIREMENTS BASED ON TOOLS BEING USED 25% OF THE TIME		
Miscellaneous Portable Tools at 70 to 90 PSI		Portable Tools	Equipment PSI Range	CFM
Drill, 1/6" to 3/8"	6.3	Air Filter Cleaner	70 to 100	3.0
Drill, 3/8" to 5/16"	8.8	Body Polisher	70 to 100	2.0
Screwdriver, #2 to #6 Screw	3.0	Body Sander, Orbital	70 to 100	5.0
Screwdriver, #6 to 5/16" Screw	6.0	Brake Tester	70 to 100	3.5
Tapper, to 3/8"	5.0	Carbon Remover	70 to 100	3.0
Nutsetters, to 3/8"	6.0	Dusting Blow Gun	90 to 100	2.5
Nutsetters, to 3/4"	7.5	Drill, 1/16" to 3/8"	70 to 90	4.0
Impact Wrench, 1/4"	3.8	Impact Wrench, 3/8" Square Drive	70 to 90	2.0
Impact Wrench, 3/8"	5.0	Impact Wrench, 1/2" Square Drive	70 to 90	3.5
Impact Wrench, 1/2"	7.5	Impact Wrench, 3/4" Square Drive	70 to 90	7.5
Impact Wrench, 3/4"	8.8	Impact Wrench, 1" Square Drive	70 to 90	10.0
Impact Wrench, 1 1/4"	13.8	Die Grinder	70 to 90	5.0
Die Grinder, Small	3.8	Vertical Disc Sanders	90 to 100	10.0
Die Grinder, Medium	6.0	Filing/Sawing Machine, Small	90 to 100	3.0
Horizontal Grinder, 2"	5.0	Filing/Sawing Machine, Large	90 to 100	5.0
Horizontal Grinder, 4"	15.0	Burring Tool	90 to 100	5.0
Horizontal Grinder, 6"	15.0	Tire Rim Stripper	125 to 150	6.0
Horizontal Grinder, 8"	20.0	Tire Changer	125 to 150	5.5
Vertical Grinders and Sanders, 5" Pad	8.8	Tire Inflation Line	125 to 150	1.5
Vertical Grinders and Sanders, 7" Pad	15.0	Tire Spreader	125 to 150	1.0
Vertical Grinders and Sanders, 9" Pad	17.5	Air Hammer	90 to 100	4.0
Burring Tool, Small	3.8	Tire Hammer	90 to 100	12.0
Burring Tool, Large	6.0	Bead Breaker	125 to 150	12.0
Rammers, Small	3.3	Spring Oiler	90 to 100	4.0
Rammers, Medium	8.5	Spray Gun Engine Cleaner	90 to 100	5.0
Rammers, Large	10.0	Production Paint Spray Gun	90 to 100	8.5
Backfill Tamper	6.3	Touch-Up Paint Spray Gun	90 to 100	3.5
Compression Riveter	0.2 cu. ft. per cycle	Undercoat Paint Spray Gun	90 to 100	19.0
Nailers and Staplers	5.0 to 8.0	Grease Gun	120 to 150	3.0
Riveter	6.0	Hydraulic Lift	145 to 175	6.0
Paint Spray Gun	5.0	Hydraulic Floor Jack	125 to 150	6.0
Scaling Hammer	3.0	Pneumatic Garage Door	120 to 150	3.0
Chipping Hammer	7.5	Radiator Tester	90 to 100	1.0
Riveting Hammer	7.5	Transmission/Differential Flusher	70 to 100	3.0
Circular Saw, 8"	11.3	Fender Hammer	70 to 100	9.0
Circular Saw, 12"	16.3	Medium-Duty Sander	70 to 100	40.0
Lightweight Chain Saw	7.0			
Heavy-Duty Chain Saw	21.8			



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Pressure Washers & Air Compressors

Water Treatment Systems & Industrial Wet/Dry Vacuums

Aqueous Parts Washers & Job Site Tool Boxes

In a continued commitment to improve quality, Mi-T-M reserves the right to make component or design changes when necessary.

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