

1000-1100 series COMPRESSOR ACCESSORIES



1051-2
1051-3



1052-1 1052-2



1052-3



1053-2



1138



1139-1
1139-2

COMPRESSOR FILTER HOUSINGS

Made from high impact, chemical resistant plastic and engineered to function with no vibration noise. The top has a ribbed steel reinforcing plate that gives a positive seal with the filter. Base is welded steel protected with epoxy coating. Equipped with dampening tube silencers which create a unique seal that prevents escape of unwanted noise up to 3 dB quieter than those without. Housings not supplied with filters, filters are sold separately.

1051-2	3/4" FILTER HOUSING	3 tube silencer
1051-3	1" FILTER HOUSING	5 tube silencer

FILTERS

High quality and highly efficient. Filters made of paper or polyester cloth. Cloth filters can be cleaned in mild soapy solution and blown dry.

Part No.	Description	ID	OD	Height
1052-1	Paper filter element	1 1/8"	2 1/4"	2 1/4"
1052-2	Paper filter element	3"	4 3/8"	2 5/16"
1052-3	Paper filter element with pre filter	3"	4 3/8"	4 3/4"
1053-2	Cloth filter element	3"	4 3/8"	2 5/16"

AUTOMATIC TANK DRAIN

Automatically drains compressor tank every time compressor cycles. Eliminates manual draining with one easy connection. Working pressure range: 30-200 PSI with a minimal differential of 10 PSI. Unit has no floats, solenoids or buckets that can clog up.

- 3/8" male NPT
- Length: 4" x width: 2" x height: 5"
- Weight: 11 oz.

1138	AUTOMATIC TANK DRAIN
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ELECTRONIC ADJUSTABLE TANK DRAIN

Electronically adjustable to drain compressor tank automatically to deliver dry air to air tools and pneumatic equipment. Two 2 way direct acting valves with manual test switch. Includes two bright indicator lights for "ON" or "OFF" positions. Can be mounted in any position. Valve made of forged brass.

- Working pressure range: 0-230 PSI
- Temperature range: -40° F to 140° F
- Discharge interval adjustable: 0.5-45 minutes
- Discharge duration adjustable: 0.5-10 seconds
- Voltage: 115 volts/1 phase/60 Hz

1139-1	1/4" NPT FEMALE ELECTRONIC ADJUSTABLE TANK DRAIN
1139-2	1/2" NPT FEMALE ELECTRONIC ADJUSTABLE TANK DRAIN



AUTOMATIC CONDENSATE DRAIN

Continuously drains accumulated water, and oil from drain lines, receiver tanks, condensate drop-legs and filters. Equipped with top threaded port. Protective stainless steel screen with umbrella baffle.

- Maximum working pressure: 230 PSI
- Temperature range: 40° F to 140° F
- Float type
- Length: 6 1/2" x width: 2 3/4"
- Weight: 1 lb

- 1180-1** 1/4" NPT FEMALE FLOAT TYPE AUTOMATIC DRAIN
1180-2 1/2" NPT FEMALE FLOAT TYPE AUTOMATIC DRAIN

The use of "Y" strainers ahead of drain valves for maximum performance is strongly recommended.



1180-1
1180-2

"Y" STRAINERS

"Y" strainers screen harmful particles, debris, sludge from air preparation equipment to extend life of external automatic drains and pneumatic equipment. Air flows in direction of arrow on strainer. Can be installed ahead of automatic drains or "drop legs". 50 mesh stainless steel screen can be cleaned without removal from airline.

- Maximum working pressure: 150 PSI
- Made of cast brass

- 1084-4** 1/4" NPT "Y" strainer
1084-6 3/8" NPT "Y" strainer
1084-8 1/2" NPT "Y" strainer
1084-12 3/4" NPT "Y" strainer
1084-16 1" NPT "Y" strainer
1084-18 1 1/4" NPT "Y" strainer



1084-4
1084-6
1084-8
1084-12
1084-16
1084-18

LOAD GENIES

A load genie is a combination un-loader and check valve. Unloads discharge manifold in either vertical or horizontal position of any compressor when compressor cycles and flow stops. Efficient, quiet, economical and eliminates tubing/fittings of conventional pressure switch un-loader.

- Maximum working pressure: 250 PSI
- Maximum recommended compressor speed: 400 RPM
- Maximum recommended temperature: 450° F
- Made of brass, stainless steel spring, fluorocarbon piston seal, teflon seals

Part No.	Inlet	Outlet	SCFM range
1097-6	3/8" OD compression	1/4" male NPT	1-6
1097-8	1/2" OD compression	3/8" male NPT	3-12
1098-4	1/4" female NPT	1/4" male NPT	1-6
1098-6	3/8" female NPT	3/8" male NPT	3-12



1097-6
1097-8



1098-4
1098-6

1000-1100 series PRESSURE GAGES, PRESSURE SWITCHES, VALVES



**1190
1191
1192**



**1194
1193
1195**



**S 1060
S 1062**



**1090-70
1090-125
1090-150
1090-200**

PRESSURE GAGES

Milton high quality dry gages for reliable service with compressors, filters-regulators-lubricators, air lines, pneumatic tools & equipment.

- Resistant to heat, corrosion, water, salt water, and oil
- Can be used in steam applications if less than 120° F
- Brass mechanism. ABS case. Polycarbonate lens
- Maximum working pressure: Should be limited to 75% of dial range
- Maximum working temperature: -13° F to +120° F

Part No.	NPT	Mount	PSI Range	Face
638-7	1/8"	Center back	0-160 PSI	1 1/2" face
1174-7	1/4"	Center back	0-100 PSI	1 1/2" face
1188	1/8"	Mini center back	0-60 PSI	1 1/2" face
1189	1/8"	Mini center back	0-160 PSI	1 1/2" face
1190	1/4"	Center back	0-60 PSI	2" face
1191	1/4"	Center back	0-160 PSI	2" face
1192	1/4"	Center back	0-300 PSI	2" face
1193	1/4"	Bottom	0-60 PSI	2" face
1194	1/4"	Bottom	0-160 PSI	2" face
1195	1/4"	Bottom	0-300 PSI	2" face

COMPRESSOR PRESSURE SWITCHES

Furnas universal pressure switches are suitable to replace pressure switches on compressors up to: 2 HP @ 120V 1 phase, 3 HP @ 240V 1 phase or 5 HP @ 240V 3 phase. Combination terminals can be used with quick connects (slip on terminals) or standard screw terminals. Auto-off disconnect lever and rotating unloader valve for applications requiring these modifications. Four 1/4" NPT female port manifold complete with plugs. UL listed, CSA certified. Switches are in displayable packaging.

S 1060	PRESSURE SWITCH 95-125 PSI
S 1062	PRESSURE SWITCH 140-175 PSI

ASME CODED SAFETY VALVES

Valves are manufactured to ASME standards and certified by the national board of boiler and pressure vessel inspectors. Bubble tight to 10% of set pop-off pressure. Milton ASME safety valves are interchangeable with all other ASME valves of same size and pressure. 2" length.

Part No.	Male NPT	Pop-off pressure	Air flow pop off PSI
1090-70	1/4"	70 PSI	70 CFM
1090-125 / S 1090-125	1/4"	125 PSI	120 CFM
1090-150 / S 1090-150	1/4"	150 PSI	140 CFM
1090-200 / S 1090-200	1/4"	200 PSI	170 CFM



NON-CODED SAFETY RELIEF VALVES

Non-coded safety valves are constructed of the same materials as the ASME safety valves but are not national board certified and cannot be used on applications requiring ASME components. Valves are equipped with a lift ring for instant relief and are staked at the factory at the pre set pop-off pressure.

WARNING: THESE VALVES ARE NOT TO BE USED ON COMPRESSORS WITH A CAPACITY OVER 15 CFM OR 3 HP OR 12 GALLON STORAGE TANK.

Part No.	Male NPT	Pop-off pressure	Length
1095-125	1/4"	125 PSI	1 5/8"
1095-150	1/4"	150 PSI	1 5/8"



**1095-125
1095-150**

COMPRESSOR TANK CHECK VALVES

Used in compressor tanks to prevent air volume and pressure from escaping back into compressor heads while the compressor is not operating. Brass body with teflon poppet. 1/8" female NPT side port for pressure switch application. 3/4" valves include a built-in dashpot for improved poppet life. Maximum working pressure: 450 PSI

Part No.	Tank bung hole size	Compressor air line size	SCFM
1091-1 / S 1091-1	1/2" Male NPT	1/2" male tube compression	20
1091-2	3/4" male NPT	3/4" male tube compression	30
1092-1	1/2" male NPT	1/2" NPT female	20
1092-2	3/4" male NPT	3/4" NPT female	30



**1091-1
1091-2**



**1092-1
1092-2**

FULL PORT BRASS BALL VALVES

These high capacity ball valves are designed for use with compressed air, water or oil to isolate segments of the system without disrupting service to the rest of the system. All brass body with plated steel ball, teflon seals, plated 1/4 turn handle.

- Maximum working pressure air, water, oil: 400 PSI
- Maximum working pressure steam: 150 PSI
- Temperature: -20° F to 350° F

Part No.	Female x Female	Body length	Max pressure at 210° F
1094-4 / S 1094-4	1/4" x 1/4" NPT	1 3/4"	280 PSI
1094-6 / S 1094-6	3/8" x 3/8" NPT	1 3/4"	260 PSI
1094-8 / S 1094-8	1/2" x 1/2" NPT	2 1/2"	250 PSI
1094-12	3/4" x 3/4" NPT	2 1/2"	220 PSI
1094-16	1" x 1" NPT	3 1/4"	190 PSI



**1094-4
1094-6
1094-8
1094-12
1094-16**

1000-1100 series PRESSURE GAGES, PRESSURE SWITCHES, VALVES



1093-4
1093-8
1093-12

AIR-WATER-OIL IN-LINE CHECK VALVES

Designed for piped systems to prevent bleed-back of pressure/material into supply system. Cast brass body with stainless steel spring and teflon poppet. Valves have 1/8" plugged tap for a pressure gage or pressure switch. Valve opens at 3 PSI.

- Maximum operating pressure: 250 PSI
- Maximum operating temperature: 450° F

Part No.	Female x Female	Length	Flow rate
1093-4 / S 1093-4	1/4" NPT	1 3/4"	12 CFM
1093-8 / S 1093-8	1/2" NPT	2 1/2"	38 CFM
1093-12	3/4" NPT	2 1/2"	60 CFM



1086-2
1086-4
1086-6
1086-8

PNEUMATIC EXHAUST MUFFLERS

Muffler-filters use a porous sintered bronze, bonded to a copper plated steel pipe threaded fitting. These 40 micron exhaust mufflers diffuse air and muffle noise from exhaust ports of air tools, cylinders and valves to an acceptable OSHA noise requirements.

- Maximum operating pressure: 300 PSI
- Operating temperatures: 40° F to 300° F

Part No.	Size	Length	Hex	Weight lbs
1086-2	1/8" NPT	1 1/8"	7/16"	.02
1086-4	1/4" NPT	1 3/8"	9/16"	.04
1086-6	3/8" NPT	1 1/2"	9/16"	.05
1086-8	1/2" NPT	1 7/8"	7/8"	.10



1088-2
1088-4
1088-6
1088-8

BREATHER VENTS

Offer vacuum relief or pressure equalization on gear boxes, oil tanks or reservoirs. Prevents dirt and particles from entering open ports. 40 micron units have standard pipe thread for quick assembly or removal.

- Maximum working pressure: 150 PSI
- Operating temperatures: 35° F to 300° F

Part No.	Male NPT size
1088-2	1/8" NPT
1088-4	1/4" NPT
1088-6	3/8" NPT
1088-8	1/2" NPT