

Nex Flow™ Offers Pneumatic Accessories to help reduce noise levels and improve the environment as well for better operation of product.

Nex Flow™ and their master distributors and agents worldwide offer and use in the systems:

- ▶ Filters with Auto Drains
- ▶ Regulators with Gauges
- ▶ Solenoid Valves
- ▶ Shutoff Valves
- ▶ Compressed Air Fittings Hoses
- ▶ and other products to provide one stop shopping

These products are listed as follows (specifications may vary from one country to the next):

PART NO.	DESCRIPTION
90001	3/8" Filter with Auto drain, 5 micron, 65 SCFM plastic bowl with guard
90002	3/4" Filter with Auto drain, 5 micron, 220 SCFM metal bowl with site glass
90003	1/4" Filter with Manual drain, plastic bowl, 27 SCFM
90004	1/2" Filter with Auto drain, 5 micron, 43 SCFM , plastic bowl
90005	3/8" Oil Removal Filter with Auto drain, 37 SCFM
90006	3/4" Oil Removal Filter with Auto drain, 150 SCFM
90007	NEMA 4X Filter with Auto drain, 5 micron, 1/4" NPT
90008	1/4" Regulator with Gauge, 50 SCFM
90009	3/4" Regulator with Gauge, 220 SCFM
90011	Gauge only, 1/4" NPT 0 - 160 psig
90012	Manual Valve 1/4" NPT
90015	Thermostat & Solenoid Valve Kit (90017+90020) - 120V
90016	NEMA 4-4X Thermostat & Solenoid Valve Kit (90017+90018) - 120V
90017	Thermostat Only
90018	NEMA 4-4X Solenoid Valve Only (120 V)
90019	24 V Solenoid Valve, 1/4" NPT (40 SCFM)
90020	120 V Solenoid Valve, 1/4" NPT (40 SCFM)
90021	240 V Solenoid Valve, 1/4" NPT (40 SCFM)
90023	Gauge only, 1/8" NPT 0 - 160 psig

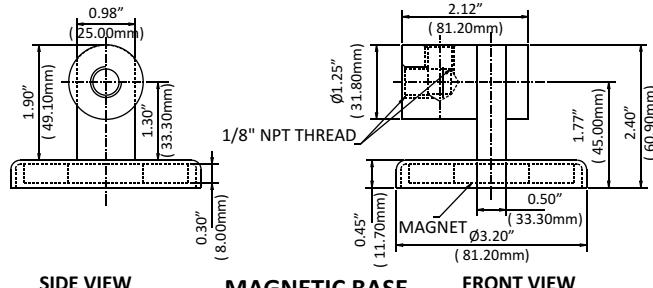
PART NO.	DESCRIPTION
90024	NEMA 4-4X Solenoid Valve Only (220V)
90027	Oil Removal Filter, 1/4" NPT (Up to 24 SCFM)
90029	Magnetic Swivel Base. See Page M3
90029A	Mini Shut off valve for Magnetic Swivel Base. See Page M3
90034	Medium Size Solenoid Valve, 120V, 1/2" NPT, 100 SCFM
90035	Medium Size Solenoid Valve, 240V, 1/2" NPT, 100 SCFM
90036	Large Size Solenoid Valve, 120V, 1/2" NPT, 200 SCFM
90037	Large Size Solenoid Valve, 240V, 1/2" NPT, 200 SCFM
90038	ELC CONTROL - 110V for Panel Coolers-include Solenoid Valve. See Page M3
90039	ELC CONTROL - 220V for Panel Coolers-include Solenoid Valve. See Page M3
90040	Foot Valve, 1/4" NPT, 60 SCFM
90044	Thermostat & Solenoid Valve Kit (90017+90021) - 240V
90045	NEMA4-4X Thermostat & Solenoid Valve Kit, 240V (90024 + 90017)
90052	1/8" NPT Stainless Steel Swivel Fitting. See Page M3
90053	1/4" NPT Stainless Steel Swivel Fitting. See Page M3
90068	3/8" NPT Stainless Steel Swivel Fitting. See Page M3
90069	1/2" NPT Stainless Steel Swivel Fitting. See Page M3
90070	1/8" NPTM Reclassifier Muffler. See Page M4
90071	1/4" NPTM Reclassifier Muffler. See Page M4
90072	3/8" NPTM Reclassifier Muffler. See Page M4
90073	1/2" NPTM Reclassifier Muffler. See Page M4
90074	3/4" NPTM Reclassifier Muffler. See Page M4
90075	1" NPTM Reclassifier Muffler
91018	Solenoid for Purge Control Panel Coolers - NEMA 12
91019	Solenoid for Purge Control Panel Coolers - NEMA 4-4X
91020	Spare Capacitor for Thermostat
6RF (MM / MF)	Stainless Steel Rigid Flex Hose which can be flexed to a shape. See Page M5
12RF (MM / MF)	Stainless Steel Rigid Flex Hose which can be flexed to a shape. See Page M5
18RF (MM / MF)	Stainless Steel Rigid Flex Hose which can be flexed to a shape. See Page M5



MAGNETIC BASE

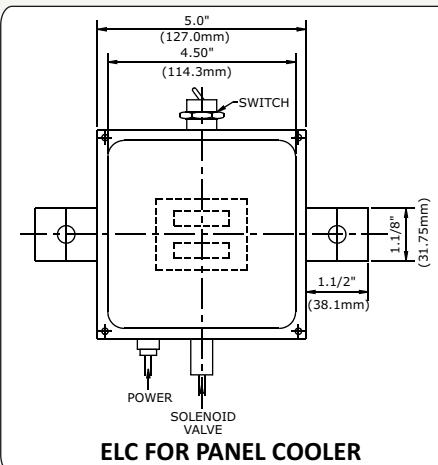
The Nex Flow™ Magetic Base is used where the air operated product is required to be frequently moved. The extra strong Magnet allows for flexible Mounting, whether vertical or horizontal. Optional mini shut-off valve can be supplied.

PART NO.	DESCRIPTION
Model 90029	Single Outlet Swivel Magnetic Base - 1/4" NPT
Model 90029A	Mini Shut-off Valve for Magnetic Swivel Base

**ELECTRONIC TEMPERATURE CONTROL FOR PANEL COOLERS**

Electronic Thermostat The ELC (Electronic Control Digital Thermostat) is a way for precise control of one or two Nex Flow™ Frigid X™ Panel Coolers.

- ▶ **Supply voltage :** AC 120/240V
- ▶ **Sampling rate :** 4/sec (almost double that of our nearest competitor)
- ▶ **Accuracy :** 0.2% of full scale (under 10% of a degree)
- ▶ **3 Outputs :** Two Relay outputs and one with PID, 1SSR output with PID to control external SSR
- ▶ 50 to +150°C measuring range
- ▶ It has Two Alarm settings for the Two output relays so you can set Two different temperatures to control two separate solenoids for two separate coolers (and can be used to control anything electrical)
- ▶ Auto tune mode for quick set ups
- ▶ NEMA 4 Enclosure (ASS/PC), ULC approved- it is accepted anywhere in the world - Lexan door: U94-V-0
- ▶ Standard unit comes with one solenoid valve, butit can operate two units and also complete additional tasks.
- ▶ Fahrenheit or Centigrade and easily switchable back and forth

**SWIVEL FITTINGS**

NEX Flow's High Quality STAINLESS STEEL Swivel Fittings for Air Nozzles, Air Jets, small Air Knives, and Air Amplifiers allow for a 25 degree movement from the center axis (50 degree total movement) to aim and then secure in position the blowoff application.

PART NO.	DESCRIPTION
Model 90052	1/8" Stainless Steel Swivel Fitting
Model 90053	1/4" Stainless Steel Swivel Fitting
Model 90068	3/8" Stainless Steel Swivel Fitting
Model 90069	1/2" Stainless Steel Swivel Fitting

**SWIVEL FITTINGS**

RECLASSIFYING MUFFLERS

Reclassifying Mufflers provide excellent noise reduction - as much as 35 dBA - and more so than sintered mufflers. In addition they are used to eliminate oil mist.

The exhaust air from valves and cylinders may contain oil mist that can have a negative effect on the health of employees. OSHA standard 29 CFR 1910.10 limits the cumulative exposure to oil mist to 4.32 parts per million (PPM) in any given eight hour work period.

The Reclassifying Muffler we provide uses a patented wrap design for the removable element that separates the oil from the exhausted air virtually trapping all oil in the element. Based on an intake of 50 PPM at 100 PSIG of oil, the exhausted oil mist is reduced to 0.016 PPM. A 1/4" tube can be attached to the bottom reservoir where the oil accumulates to drain it.

Each reclassifying muffler is sized to pass a certain volume of compressed air with minimal restriction to avoid any effect on the operation of cylinder or valve. For cylinders the table below makes the model number easy to choose based on the bore size and stroke of the cylinder.



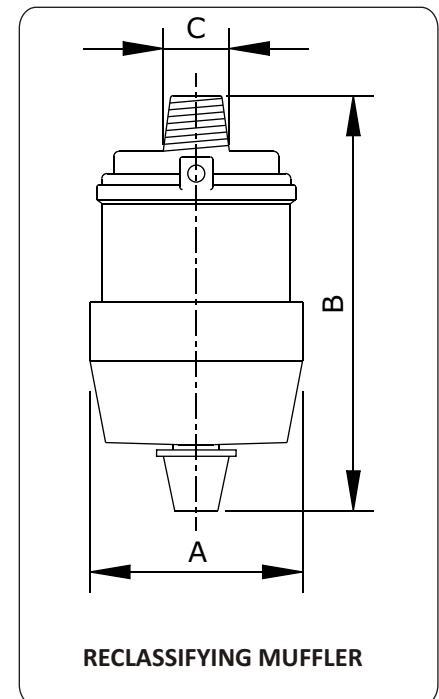
RECLASSIFYING MUFFLER

Muffler needed to Exhaust in 1/2 second for a cylinder charged to 100 PSIG (6.9 BAR)

STROKE in inches	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
3	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	1	2
9	0	0	0	0	0	0	0	1	1	2	2	2
12	0	0	0	0	0	0	1	1	2	2	2	3
18	0	0	0	0	0	1	2	2	2	3	4/5	4/5
24	0	0	0	0	1	2	2	3	3	4/5	4/5	C
30	0	0	0	0	1	2	2	3	4/5	C	C	C
36	0	0	0	0	2	3	3	4/5	4/5	C	C	C
42	0	0	0	1	2	3	4/5	4/5	C	C	C	C
48	0	0	0	1	2	3	4/5	C	C	C	C	C

0 = Model 90070
1 = Model 90071
2 = Model 90072
3 = Model 90073
4 = Model 90074
5 = Model 90075
C = Contact Factory or Local Representative for assistance

Reclassifying Muffler Dimensions				
MODEL	ØA in Inches (mm)	B in Inches (mm)	C	Replacement Filter Element number
90070	1.63 (41)	3.13 (80)	1/8" NPT	9007071R
90071	1.63 (41)	3.13 (80)	1/4" NPT	9007071R
90072	2.44 (62)	4.75 (121)	3/8" NPT	9007273R
90073	2.44 (62)	4.75 (121)	1/2" NPT	9007273R
90074	3.31 (84)	6.25 (159)	3/4" NPT	9007475R
90075	3.31 (84)	6.25 (159)	1" NPT	9007475R



RECLASSIFYING MUFFLER



RIGID FLEX HOSE

The unique Nex Flow™ RIGID FLEX Hose is an all stainless steel hose that does not break after a few bends like competitive rubber hoses with simple copper inserts. It is resistant to creep and crimping. Its all stainless construction allows its use in any difficult environment.

The Nex Flow™ RIGID FLEX Hose is used to flex, direct and then hold in place air nozzles, air jets and other small blow off products such as our Model 40001 adjustable air amplifier and 3" X-Stream™ Air Blade™ Air Knife. The RIGID FLEX Hose can also be used with liquid spray jets.

The rigid flex hose is available in three different sizes 6" (152 mm), 12" (304 mm) and 18"(457 mm) and in two configurations - 1/4" male NPT welded end connection both ends or 1/4" male NPT welded connection one end and female NPT welded connection other end.

Rigid-Flex Hose used to mount an aim a Model 47010 air nozzle and connected at the other end to the Magnetic Base creating a portable blow off station.



Rigid-Flex Hose comes in Three sizes 6" (152 mm), 12" (304 mm), 18" (457 mm) and two configurations 1/4" Male Male or 1/4" Male Female Threads.



PART NO.	DESCRIPTION
6RF MM	6" overall length 1/4" NPT male to 1/4" NPT male connections
6RF MF	6" overall length 1/4" NPT male to 1/4" NPT female connections
12RF MM	12" overall length 1/4" NPT male to 1/4" NPT male connections
12RF MF	12" overall length 1/4" NPT male to 1/4" NPT female connections
18RF MM	18" overall length 1/4" NPT male to 1/4" NPT male connections
18RF MF	18" overall length 1/4" NPT male to 1/4" NPT female connections