



**QUICKCHANGE® NX HIGH-PURITY,
HIGH-PERFORMANCE LIQUID FILTERS**

*Next generation of nondewetting PTFE filters that
deliver yield-enhancing particle protection and
optimized performance for aqueous-based chemistries*



Overview

Building on the strong QuickChange® reputation of superior performance and reliability, Entegris has leveraged years of experience in developing and supporting QuickChange filters to offer the next generation of nondewetting PTFE filters. QuickChange NX filters are optimized for aqueous-based chemistries and designed to reduce cost of ownership without sacrificing performance. They promote high device yields through excellent retention properties and low contamination from metals and particles. High filter flow rate, even at more advanced retention ratings, enables fast tool startup time and high wafer throughput.

High-performance Nondewetting PTFE Membrane and PFA Construction

The nondewetting PTFE membrane technology prevents dewetting that can lead to sudden flow loss and unscheduled filter changeouts even in outgassing chemistries. All-PTFE and PFA construction promotes clean filtration with very low total metals, chlorides and particle shedding to enable high device yield.

Features and Benefits

Features	Benefits
High-performance nondewetting PTFE membrane and PFA construction	<ul style="list-style-type: none"> Prevents dewetting that can lead to sudden flow loss and unscheduled filter changeouts Reduces nucleation sites and microbubble formation to ensure that the filter maintains consistently high flow performance in outgassing chemistries Promotes clean filtration with very low total metals, chlorides and particle shedding to enable high device yield
Ultrapure DI water packaging	<ul style="list-style-type: none"> Ensures high purity, superior cleanliness, and ready-to-use filtration Requires no IPA prewetting prior to use, thereby preventing alcohol/chemical interaction, avoiding potential sources of contamination, and eliminating the cost and inconvenience of hazardous waste disposal Reduces filter changeout time and increases system uptime
Choice of configurations and filter formats	<p>Enables users to balance performance and cost of ownership with:</p> <ul style="list-style-type: none"> Wide range of retention ratings from 0.2 µm to 0.03 µm Different membrane area configurations (NX1, NXX, NXM, NXE) Cartridge and disposable formats <ul style="list-style-type: none"> Cartridge: Supports various filter sizes and flow rate capabilities Disposable: Requires less space for changeouts and reduces risk of contamination due to minimal handling
Aqueous-based chemical compatibility	<p>Recommended for various temperature chemicals</p> <ul style="list-style-type: none"> Elevated temperature applications including SC1, SC2, SPM, nitride etch, metal etch and various semi-aqueous resist strippers Ambient temperature chemicals including H₂SO₄, H₃PO₄, HNO₃, HCl, NH₄OH, H₂O₂, TMAH and ozonated water

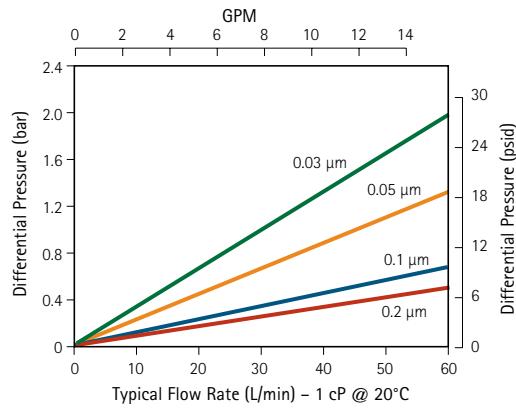
Product Attributes and Specifications

	QuickChange NXT/NXX/NXM/NXE				QuickChange NX 1000/1500/3000				
Materials:	Membrane	Prewet, nondewetting PTFE				Prewet, nondewetting PTFE			
	Supports	PFA				PFA			
	Cartridge o-ring options	E-FKM, E-ETP, Chemraz® or Kalrez®				N/A			
	Disposables shell	PFA				PFA			
Retention rating:	0.03 µm, 0.05 µm, 0.1 µm and 0.2 µm				0.03 µm, 0.05 µm and 0.1 µm				
Membrane area:		NXT	NXX	NXM	NXE	Retention rating	1000	1500	3000
	4"	—	0.5 m ² (5.4 ft ²)	—	—	0.03 µm	0.1 m ² (1.1 ft ²)	0.18 m ² (1.9 ft ²)	0.45 m ² (4.8 ft ²)
	10"	0.9 m ² (9.7 ft ²)	1.3 m ² (14 ft ²)	1.8 m ² (19.4 ft ²)	2.2 m ² (23.7 ft ²)	0.05 µm	0.1 m ² (1.1 ft ²)	0.12 m ² (1.3 ft ²)	0.3 m ² (3.2 ft ²)
	20"	1.8 m ² (19.4 ft ²)	2.6 m ² (28 ft ²)	3.6 m ² (38.8 ft ²)	4.4 m ² (47.4 ft ²)	0.1 µm	0.1 m ² (1.1 ft ²)	0.13 m ² (1.4 ft ²)	0.3 m ² (3.2 ft ²)
	30"	2.7 m ² (29 ft ²)	—	—	—	—	—	—	—
Cartridge connections:	Code 0 (2-222) o-rings				N/A				
Maximum operating conditions:	Maximum operating pressure	0.58 MPa (5.8 bar; 84 psi) @ 25°C (77°F) 0.097 MPa (0.97 bar; 14 psi) @ 200°C (392°F)				0.44 MPa (4.4 bar; 64 psi) @ 25°C (77°F) 0.19 MPa (1.9 bar; 28 psi) @ 95°C (203°F)			
	Maximum forward differential pressure	0.44 MPa (4.4 bar; 64 psi) @ 25°C (77°F) 0.05 MPa (0.52 bar; 7.5 psi) @ 200°C (392°F)				0.39 MPa (3.9 bar; 57 psi) @ 25°C (77°F) 0.19 MPa (1.9 bar; 27 psi) @ 95°C (203°F)			
	Maximum reverse differential pressure	0.34 MPa (3.45 bar; 50 psi) @ 25°C (77°F)				0.29 MPa (2.9 bar; 42 psi) @ 25°C (77°F)			
	Maximum operating temperature	200°C (392°F)				95°C (203°F)			
Metallic extractables:	Device	Standard		UCM		Standard		UCM	
	Cartridge	<25 µg/device		<10 µg/device		N/A		N/A	
	Disposable	<10 µg/device		<3 µg/device		<10 µg/device		<3 µg/device	
Particle shedding cleanliness:	≤50 particles (≥0.05 µm)/10 mL after 5 minutes flushing @ 3–5 L/min				≤50 particles (≥0.05 µm)/10 mL after 5 minutes flushing @ 3–5 L/min				
TOC recovery (per 10" equivalent):	Cartridge	N/A				N/A			
	Disposable	Within 5 ppb of feed after 25 min flush @ 5 L/min				Within 5 ppb of feed after 30 min flush @ 3.8 L/min			

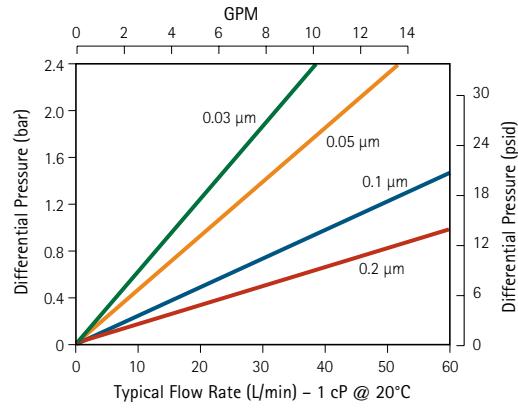
QuickChange NX Cartridge Filters

Performance Data

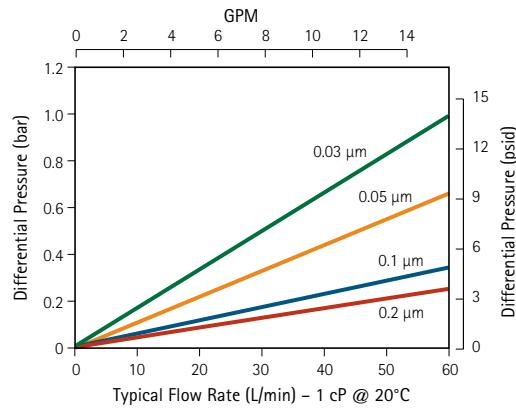
QuickChange NXT 10" Filters



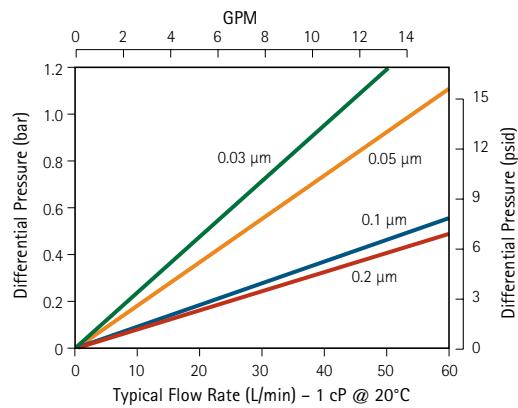
QuickChange NXX 4" Filters



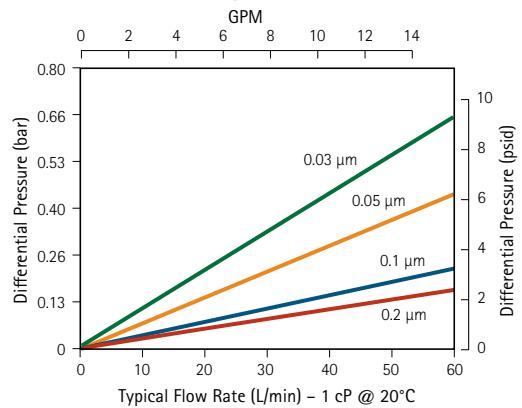
QuickChange NXT 20" Filters



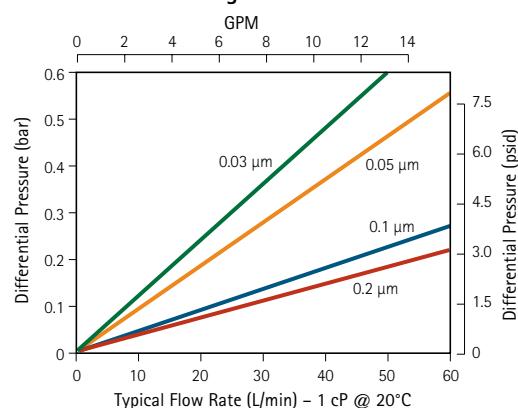
QuickChange NXX 10" Filters

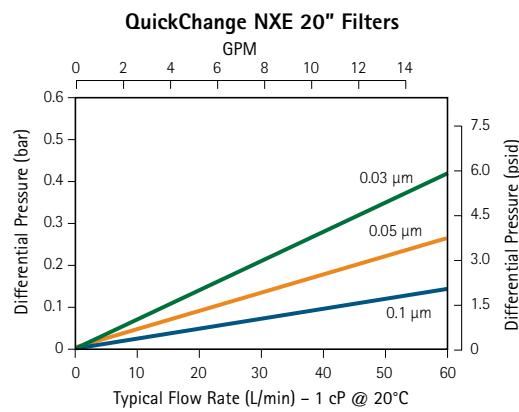
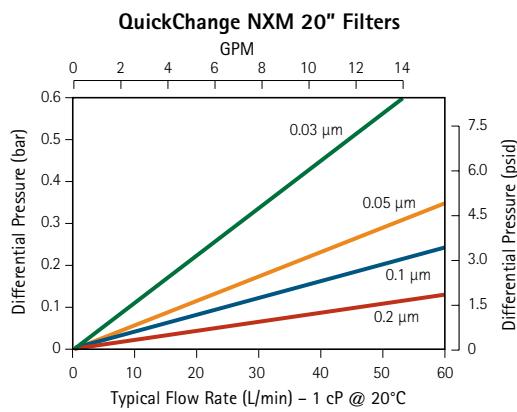
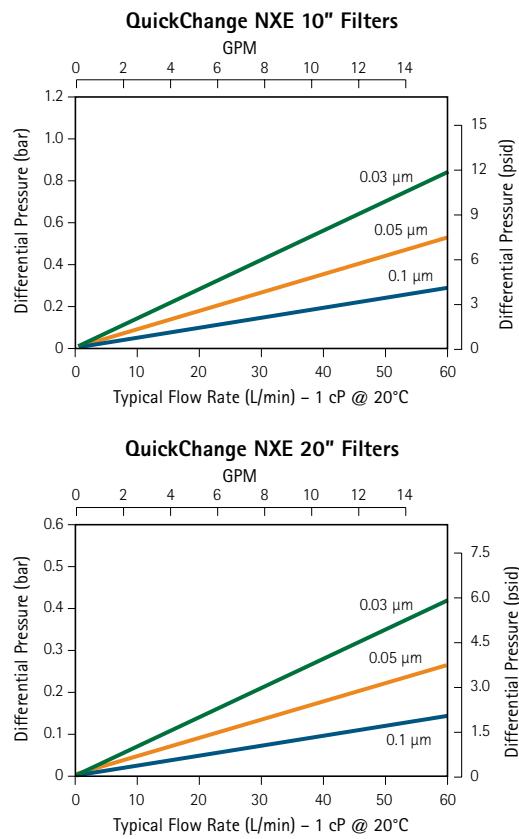
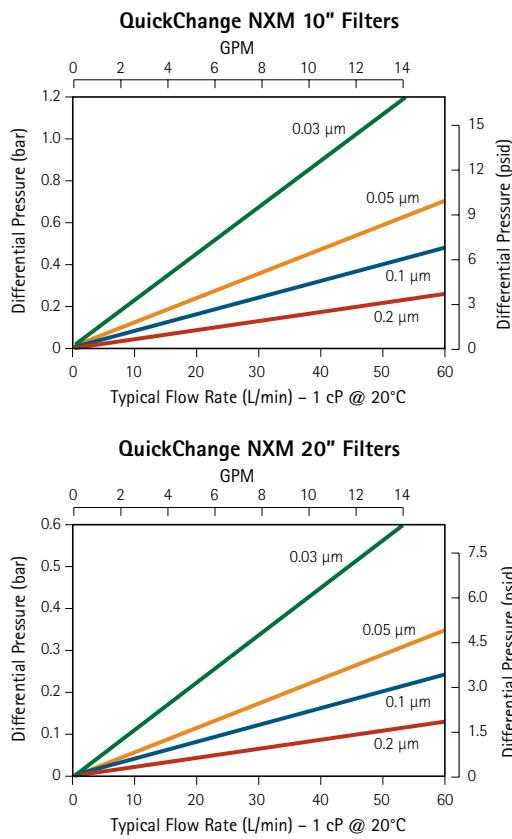


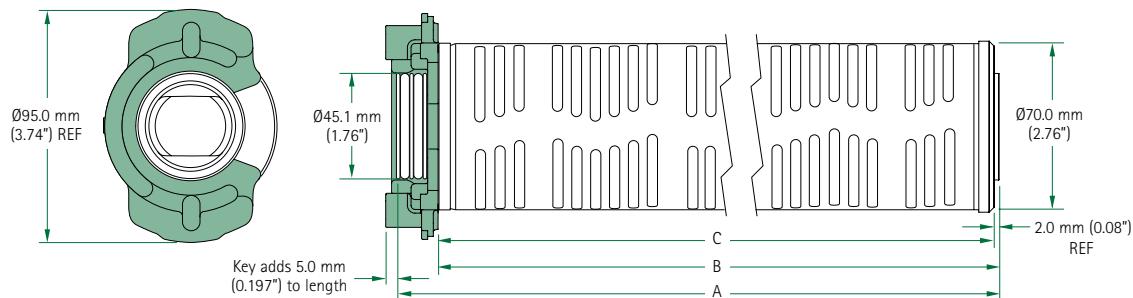
QuickChange NXT 30" Filters



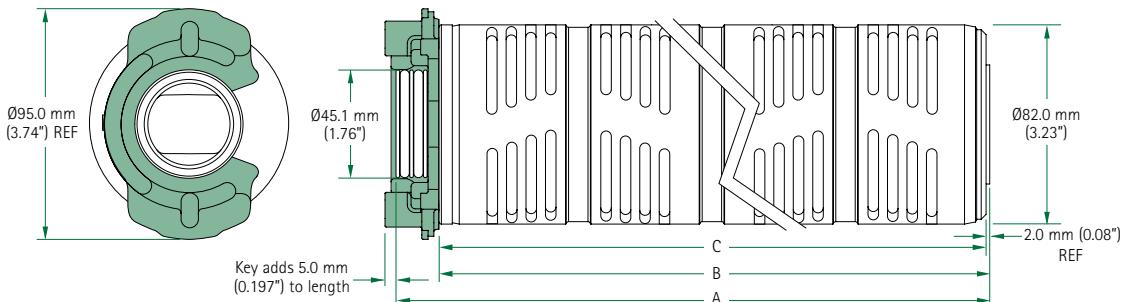
QuickChange NXX 20" Filters





Dimensions**QUICKCHANGE NXT CARTRIDGE FILTERS****Nominal Dimensions**

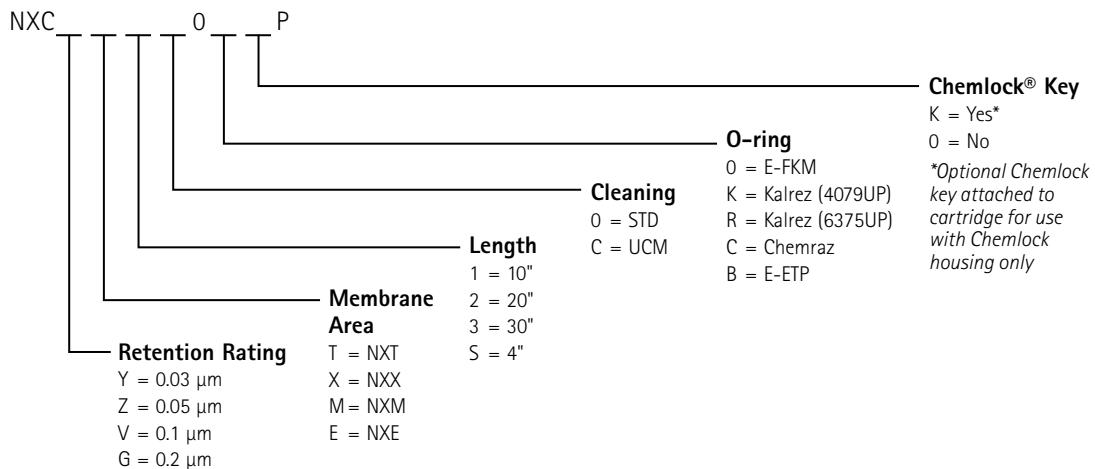
Length	A (Overall)	B (Control)	C (Shoulder)
4"	132.3 mm (5.21")	115.0 mm (4.53")	113.0 mm (4.45")
10"	262.3 mm (10.33")	245.0 mm (9.65")	243.0 mm (9.57")
20"	498.3 mm (19.62")	481.0 mm (18.94")	479.0 mm (18.86")
30"	738.3 mm (29.07")	721.0 mm (28.39")	719.0 mm (28.31")

QUICKCHANGE NXX, NXM AND NXE CARTRIDGE FILTERS**Nominal Dimensions**

Length	A (Overall)	B (Control)	C (Shoulder)
4"	127.3 mm (5.01")	110.0 mm (4.33")	108.5 mm (4.27")
10"	244.0 mm (9.61")	227.0 mm (8.94")	225.0 mm (8.86")
20"	471.0 mm (18.54")	454.0 mm (17.87")	452.0 mm (17.80")

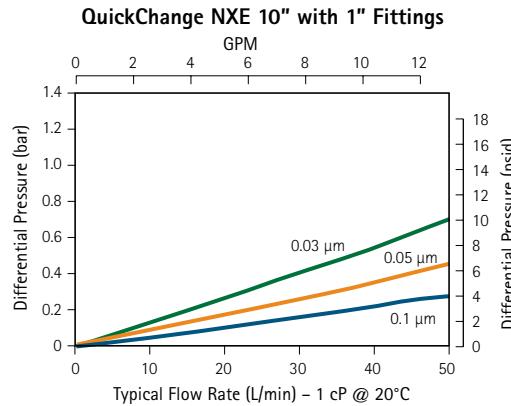
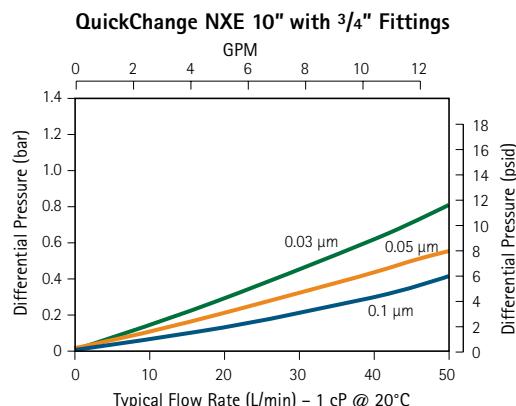
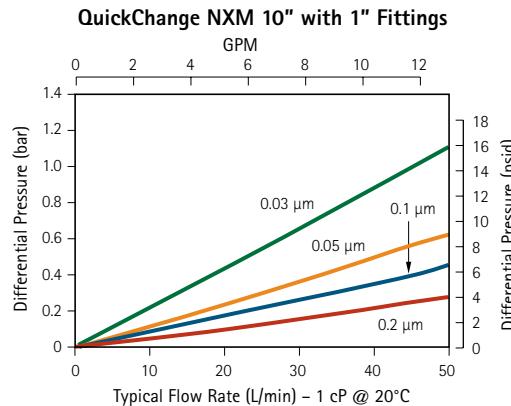
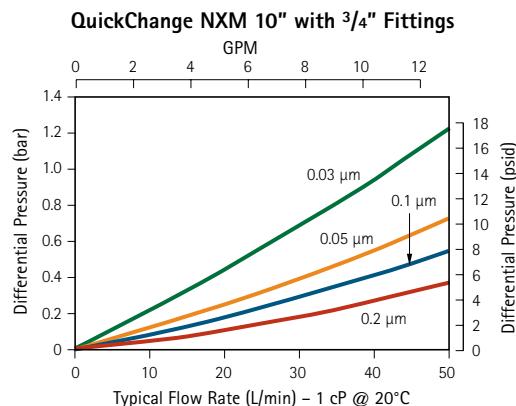
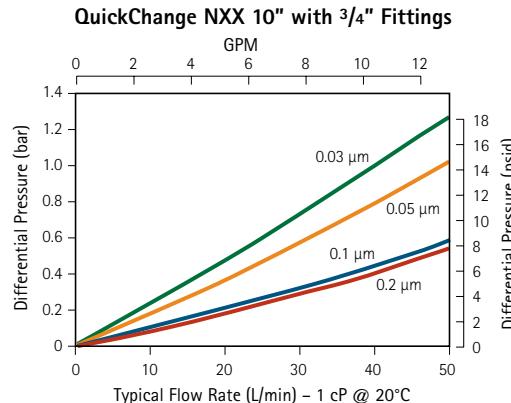
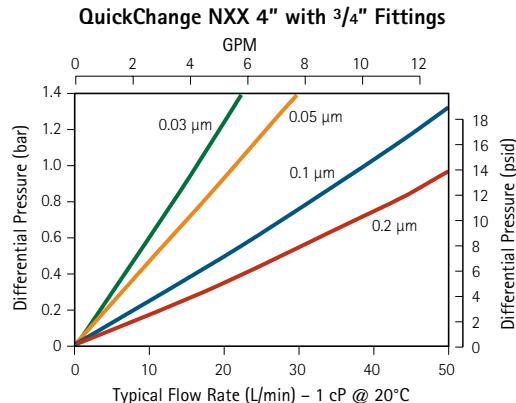
Ordering Information

This information serves as a guide. Please contact your local representative to confirm part numbers.

QuickChange NX Cartridge**Part Number**

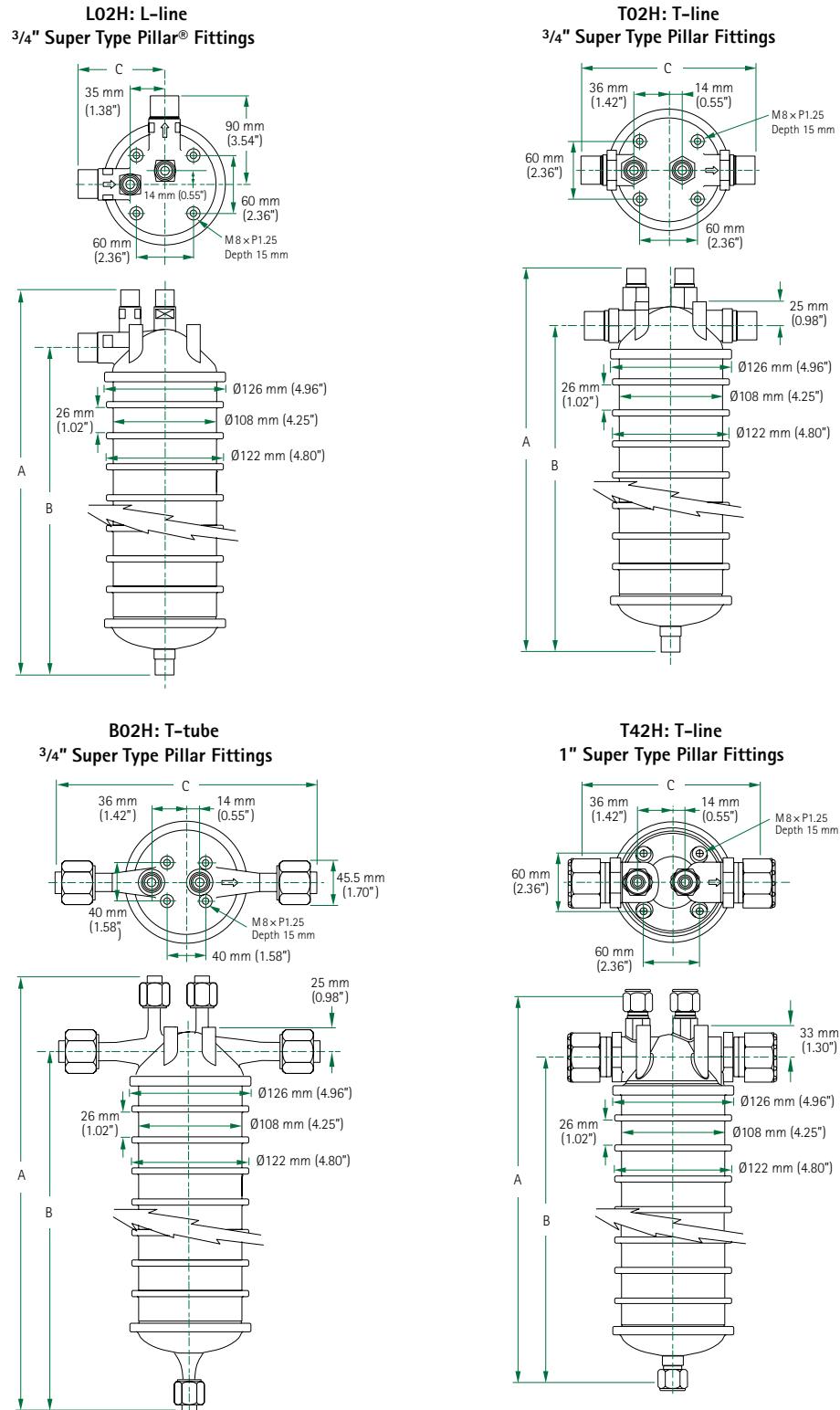
QuickChange NXX/NXM/NXE Chem-Line™ I Disposable Filters

Performance Data

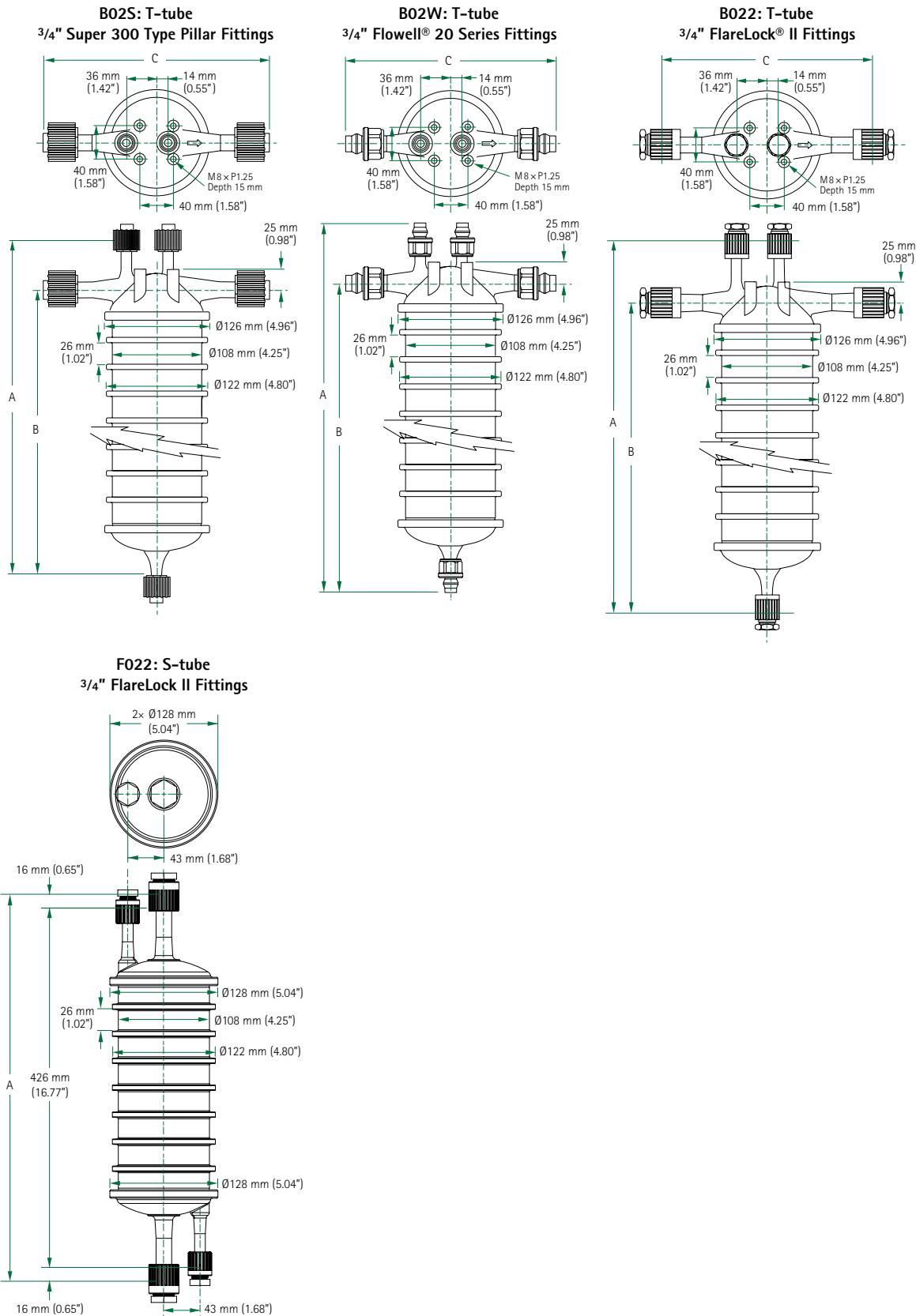


Dimensions

CHEM-LINE I DISPOSABLE FILTERS WITH STANDARD VENT



QUICKCHANGE NX LIQUID FILTERS

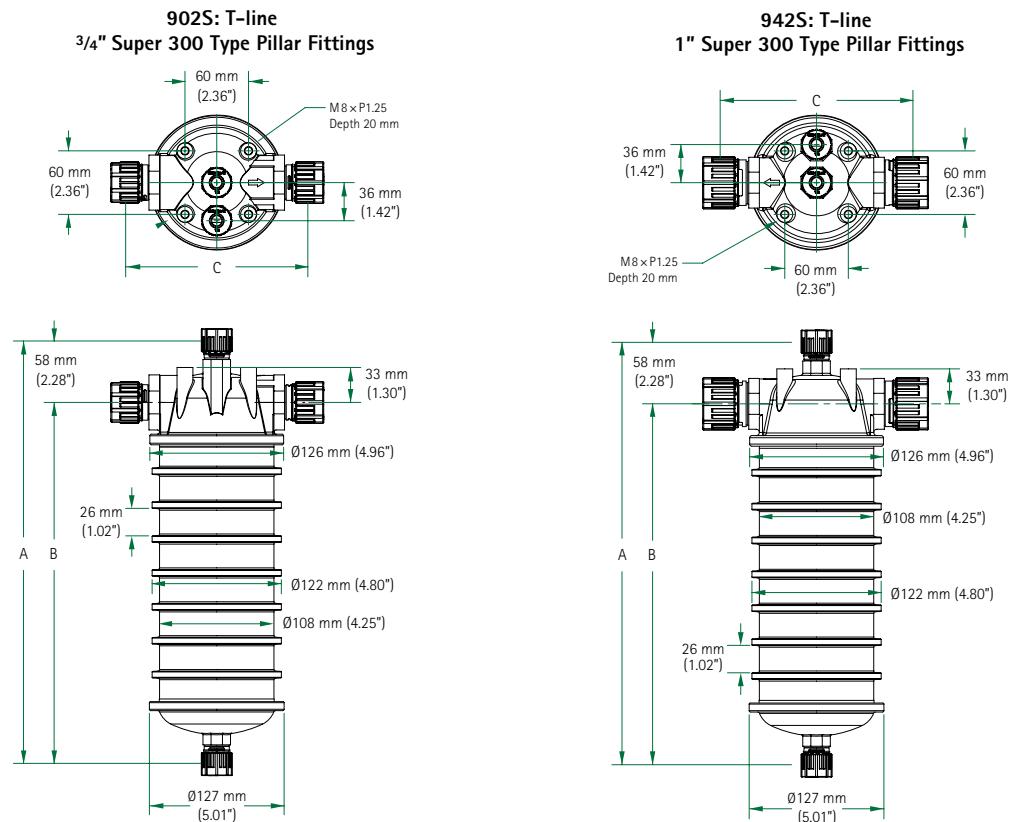


NOMINAL DIMENSIONS FOR CHEM-LINE I WITH STANDARD VENT

Disposable Type	Configuration	A (Overall Height)	B (Height: Bottom Fitting to Centerline Inlet Fitting)	C (Inlet to Outlet*)
L02H: L-line: 3/4" inlet/outlet, 1/2" vent/drain, Super Type Pillar fittings	NXX 4"	279 mm (11.00")	218 mm (8.58")	90 mm (3.54")*
	NXX/NXM/NXE 10"	395 mm (15.55")	334 mm (13.15")	90 mm (3.54")
T02H: T-line: 3/4" inlet/outlet, 1/2" vent/drain, Super Type Pillar fittings	NXX 4"	280 mm (11.02")	219 mm (8.62")	180 mm (7.08")
	NXX/NXM/NXE 10"	396 mm (15.60")	335 mm (13.20")	180 mm (7.08")
B02H: T-tube: 3/4" inlet/outlet, 1/2" vent/drain, Super Type Pillar fittings	NXX 4"	334 mm (13.14")	254 mm (9.99")	272 mm (10.71")
	NXX/NXM/NXE 10"	450 mm (17.71")	370 mm (14.57")	272 mm (10.71")
T42H: T-line: 1" inlet/outlet, 1/2" vent/drain, Super Type Pillar fittings	NXX 4"	286 mm (11.25")	225 mm (8.87")	188 mm (7.40")
	NXX/NXM/NXE 10"	402 mm (15.82")	341 mm (13.40")	188 mm (7.40")
B02S: T-tube: 3/4" inlet/outlet, 1/2" vent/drain, Super 300 Type Pillar fittings	NXX 4"	333 mm (13.12")	253 mm (9.98")	268 mm (10.55")
	NXX/NXM/NXE 10"	449 mm (17.69")	369 mm (14.55")	268 mm (10.55")
B02W: T-tube: 3/4" inlet/outlet, 1/2" vent/drain, Flowell 20 Series fittings	NXX 4"	320 mm (12.60")	247 mm (9.73")	252 mm (9.92")
	NXX/NXM/NXE 10"	436 mm (17.17")	363 mm (14.30")	252 mm (9.92")
B022: T-tube: 3/4" inlet/outlet, 1/2" vent/drain, FlareLock II fittings	NXX 4"	320 mm (12.60")	247 mm (9.73")	252 mm (9.92")
	NXX/NXM/NXE 10"	436 mm (17.17")	363 mm (14.30")	252 mm (9.92")
F022: S-tube 3/4" inlet/outlet, 1/2" vent/drain, FlareLock II fittings	NXX 4"	343 mm (13.50")		
	NXX/NXM/NXE 10"	459 mm (18.06")		

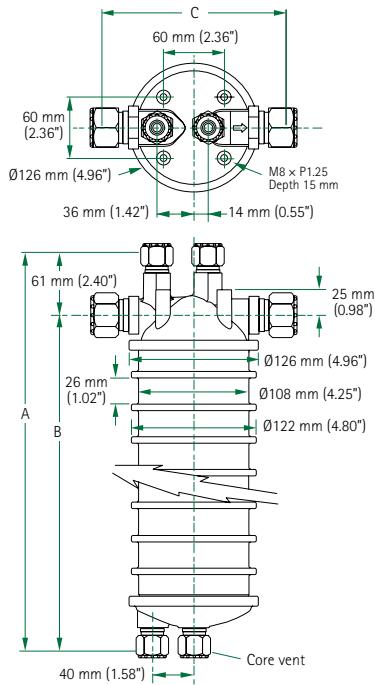
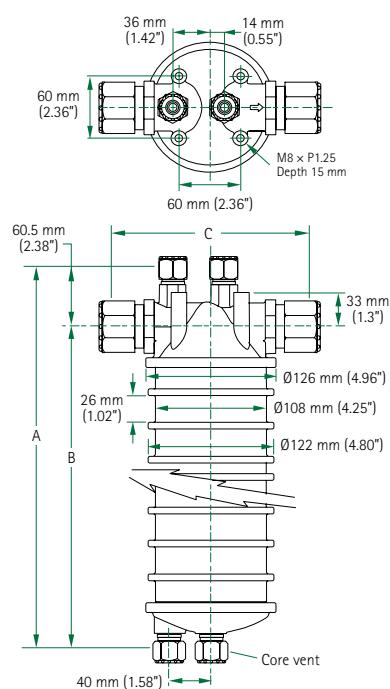
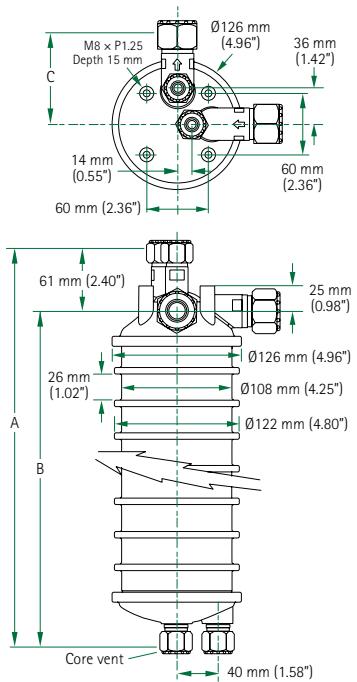
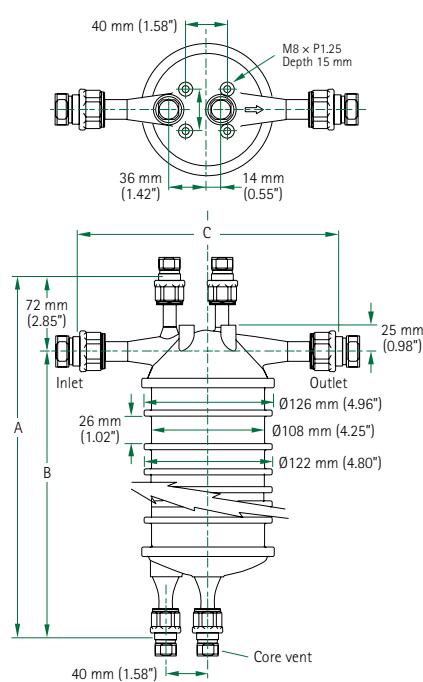
* L-line inlet to outlet length is inlet to centerline of outlet fitting.

CHEM-LINE I DISPOSABLE FILTERS WITH ROTATED VENT

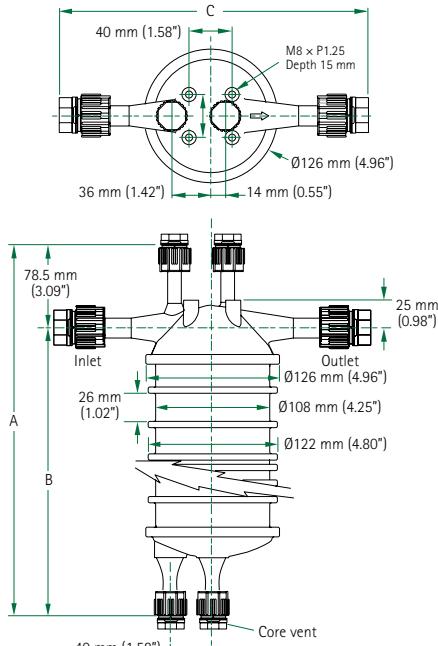


NOMINAL DIMENSIONS FOR CHEM-LINE I WITH ROTATED VENT

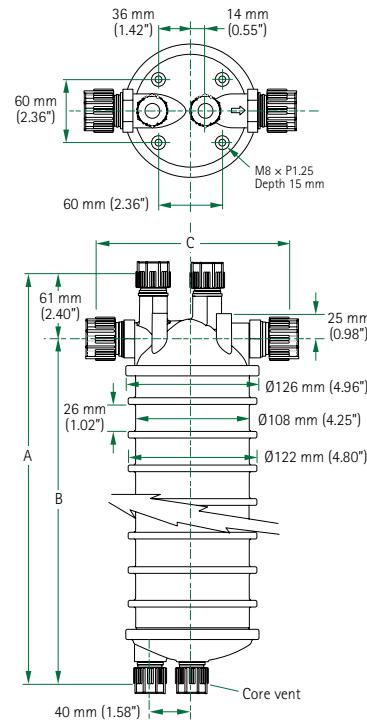
Disposable Type	Configuration	A (Overall Height)	B (Height: Bottom Fitting to Centerline Inlet Fitting)	C (Inlet to Outlet)
902S: T-line: 3/4" inlet/outlet, 1/2" vent/drain, Super 300 Type Pillar fittings	NXX, NXM, NXE 10"	399 mm (15.70")	341 mm (13.42")	172 mm (6.77")
942S: T-line: 1" inlet/outlet, 1/2" vent/drain, Super 300 Type Pillar fittings	NXX, NXM, NXE 10"	399 mm (15.70")	341 mm (13.42")	182 mm (7.17")

CHEM-LINE I DISPOSABLE FILTERS WITH CORE VENT AND CORE VENT (ROTATED)**T02H: T-line 3/4" Super Type Pillar Fittings with Core Vent****T42H: T-line 1" Super Type Pillar Fittings with Core Vent****L02H: L-line 3/4" Super Type Pillar Fittings with Core Vent****B02W: T-tube 3/4" Flowell 20 Series Fittings with Core Vent**

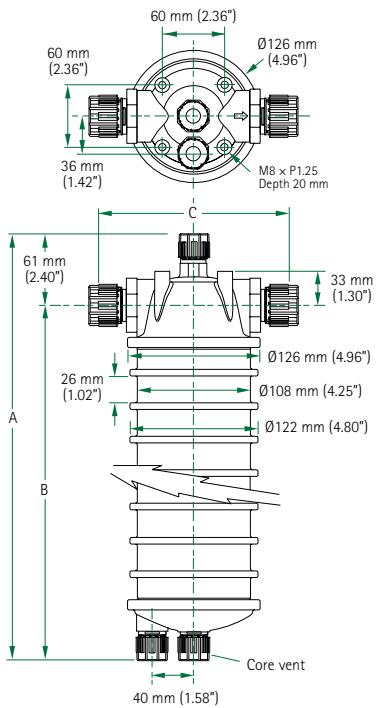
B02S: T-tube 3/4" Super 300 Type Pillar Fittings with Core Vent



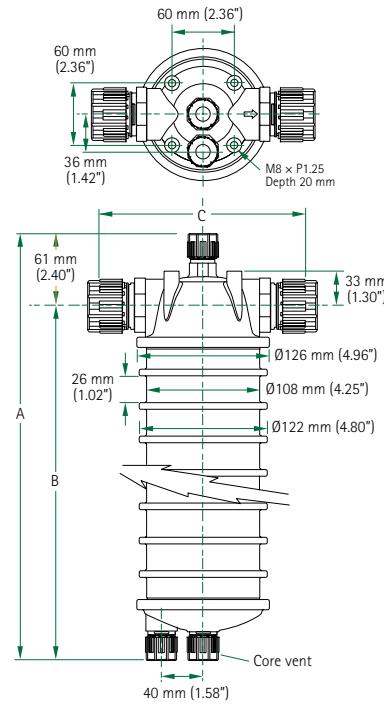
T02S: T-line 3/4" Super 300 Type Pillar Fittings with Core Vent



902S: T-line 3/4" Super 300 Type Pillar Fittings with Core Vent (Rotated)



942S: T-line 1" Super 300 Type Pillar Fittings with Core Vent (Rotated)



NOMINAL DIMENSIONS FOR CHEM-LINE I WITH CORE VENT

Disposable Type	Configuration	A (Overall Height)	B (Height: Bottom Fitting to Centerline Inlet Fitting)	C (Inlet to Outlet*)
T02H: T-line: 3/4" inlet/outlet, 1/2" vent/drain, Super Type Pillar fittings	NXX/NXM/NXE 10"	388 mm (15.30")	327 mm (12.9")	180 mm (7.08")
T42H: T-line: 1" inlet/outlet, 1/2" vent/drain, Super Type Pillar fittings	NXX/NXM/NXE 10"	394 mm (15.49")	333 mm (13.11")	188 mm (7.40")
L02H: L-line: 3/4" inlet/outlet, 1/2" vent/drain, Super Type Pillar fittings	NXX/NXM/NXE 10"	387 mm (15.24")	326 mm (12.83")	90 mm (3.54")
B02W: T-tube: 3/4" inlet/outlet, 1/2" vent/drain, Flowell 20 Series fittings	NXX/NXM/NXE 10"	436 mm (17.17")	363 (14.30")	252 mm (9.92")
B02S: T-tube: 3/4" inlet/outlet, 1/2" vent/drain, Super 300 Type Pillar fittings	NXX/NXM/NXE 10"	449 mm (17.69")	369 mm (14.55")	268 mm (10.55")
T02S: T-line: 3/4" inlet/outlet, 1/2" vent/drain, Super 300 Type Pillar fittings	NXX/NXM/NXE 10"	386 mm (15.20")	327 mm (12.87")	172 mm (6.77")

*L-line inlet to outlet length is inlet to centerline of outlet fitting.

NOMINAL DIMENSIONS FOR CHEM-LINE WITH CORE VENT (ROTATED)

Disposable Type	Configuration	A (Overall Height)	B (Height: Bottom Fitting to Centerline Inlet Fitting)	C (Inlet to Outlet*)
902S: T-line: 3/4" inlet/outlet, 1/2" vent/drain, Super 300 Type Pillar fittings	NXX/NXM/NXE 10"	391 (15.37")	333 mm (13.09")	172 mm (6.77")
942S: T-line: 1" inlet/outlet, 1/2" vent/drain, Super 300 Type Pillar fittings	NXX/NXM/NXE 10"	391 (15.37")	333 mm (13.09")	182 mm (7.17")

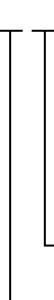
*L-line inlet to outlet length is inlet to centerline of outlet fitting.

Ordering Information

This information serves as a guide. Please contact your local representative to confirm part numbers.

QuickChange NX Chem-Line I Disposable Standard Vent**Part Number**

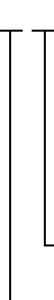
NXD



P

Cleaning0 = STD
C = UCM**Length**1 = 10"
S = 4"****Membrane Area**X = NXX
M = NXM
E = NXE*4" available with L02H,
T02H, B02W, B022 only**Retention Rating**Y = 0.03 µm
Z = 0.05 µm
V = 0.1 µm
G = 0.2 µm**Fitting Configuration**L02H
T02H
B02H
B02S
B02W
B022
T42H
F022
902S
942S**QuickChange NX Chem-Line I Disposable Core Vent****Part Number**

NXV



P

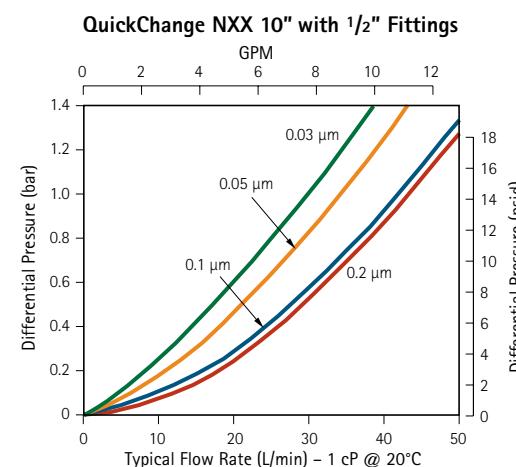
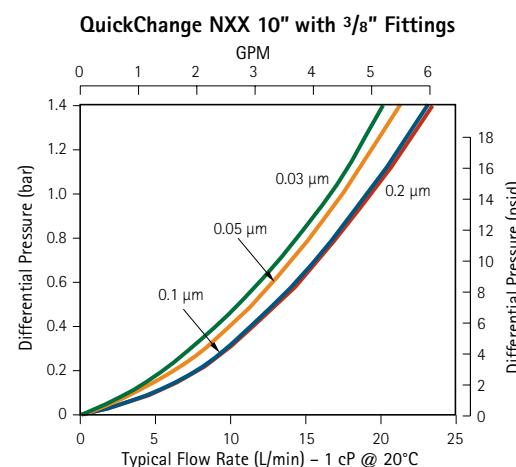
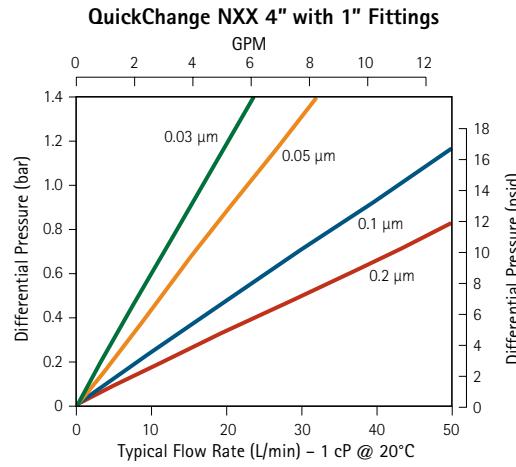
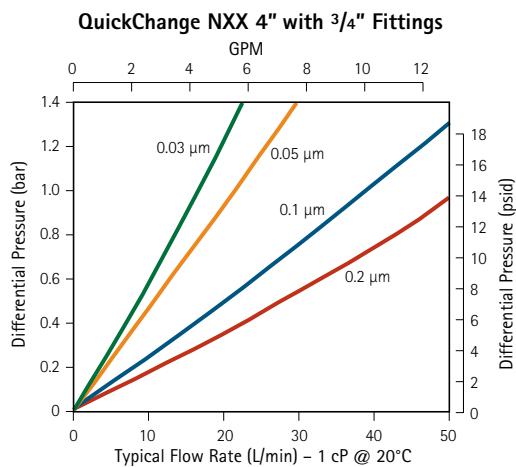
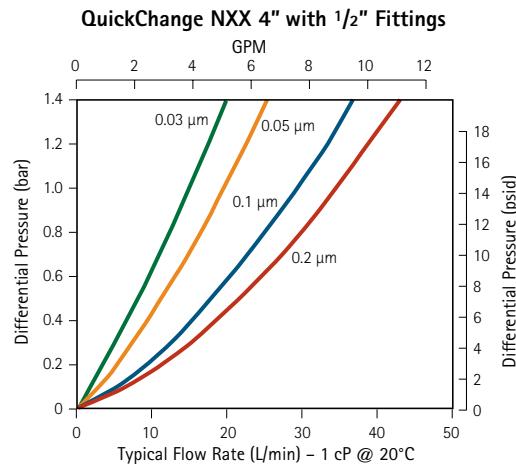
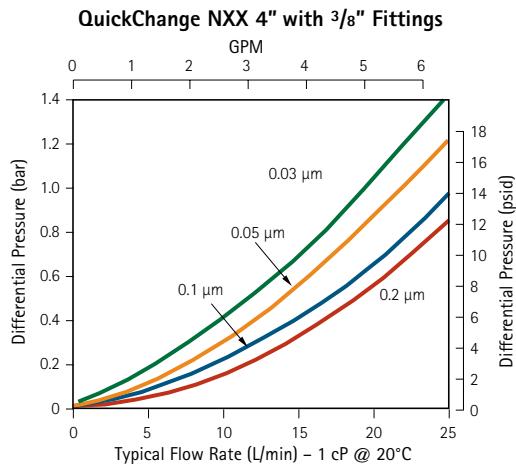
Cleaning0 = STD
C = UCM**Length**1 = 10"
S = 4"****Membrane Area**X = NXX
M = NXM
E = NXE**4" available with L02H,
T02H, B02W only**Retention Rating**Y = 0.03 µm
Z = 0.05 µm
V = 0.1 µm
G = 0.2 µm**Fitting Configuration*****L02H
T02H
B02S
B02W
T42H
T02S
902S
942S***PrimeLock fittings
available upon request**Fitting Key**

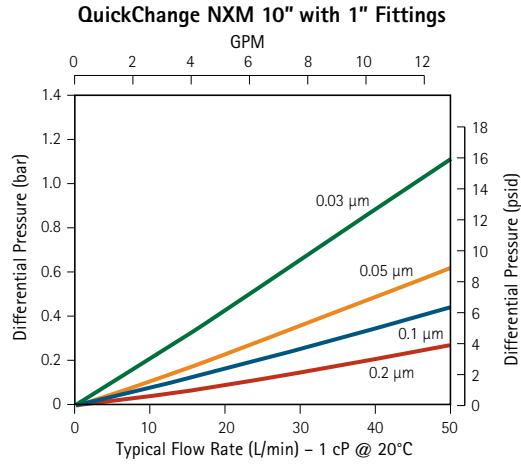
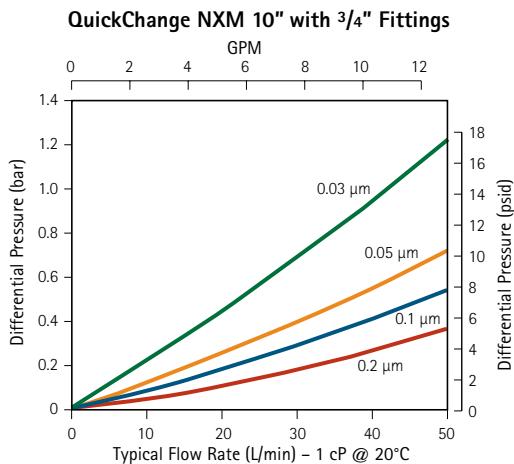
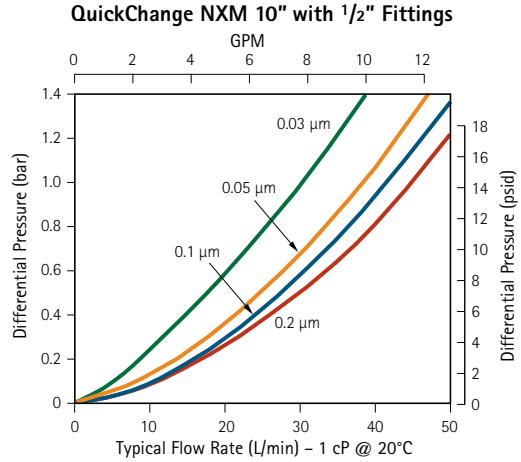
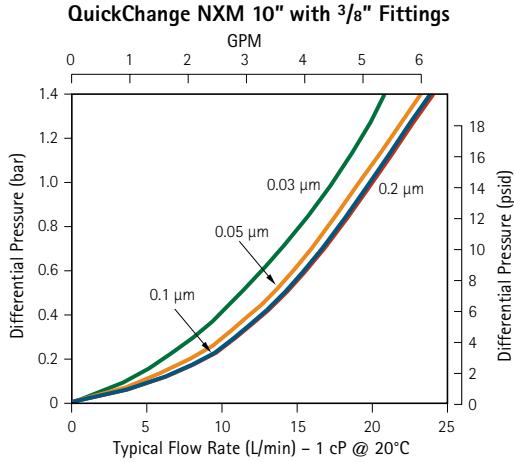
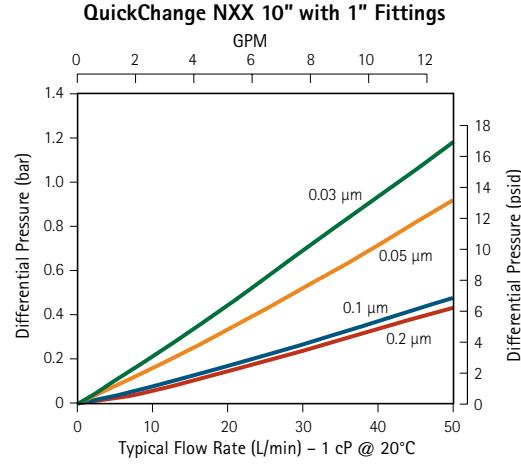
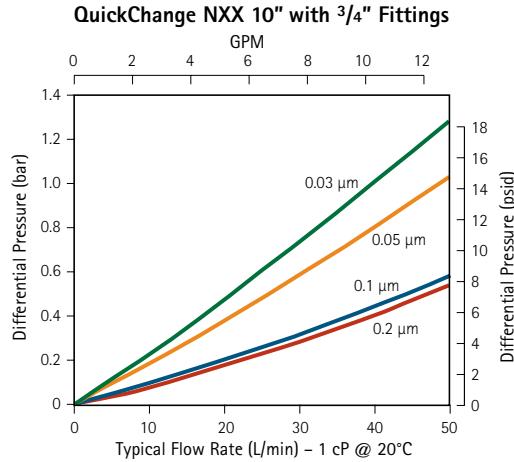
Key	Configuration	Inlet/Outlet	Vent/Drain	Fitting
L02H	L-Line	3/4"	1/2"	Super Type Pillar
T02H	T-Line	3/4"	1/2"	Super Type Pillar
B02H	T-Tube	3/4"	1/2"	Super Type Pillar
B02S	T-Tube	3/4"	1/2"	Super 300 Type Pillar
B02W	T-Tube	3/4"	1/2"	Flowell 20
B022	T-Tube	3/4"	1/2"	FlareLock II
T42H	T-Line	1"	1/2"	Super Type Pillar
F022	In-Line Female	3/4"	1/2"	FlareLock II
T02S	T-Line	3/4"	1/2"	Super 300 Type Pillar
902S	T-Line Rotated Vent	3/4"	1/2"	Super 300 Type Pillar
942S	T-Line Rotated Vent	1"	1/2"	Super 300 Type Pillar

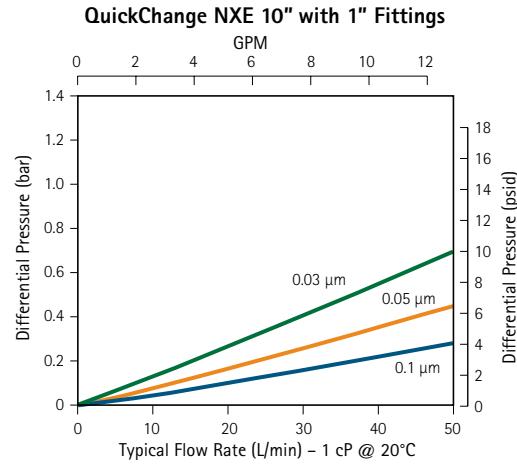
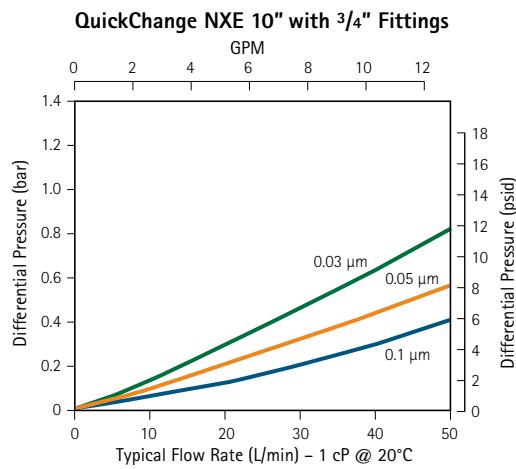
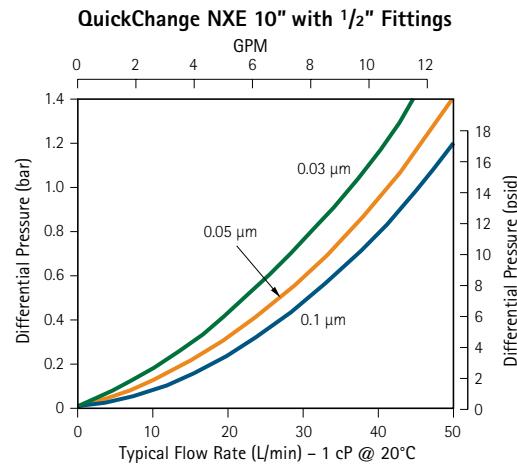
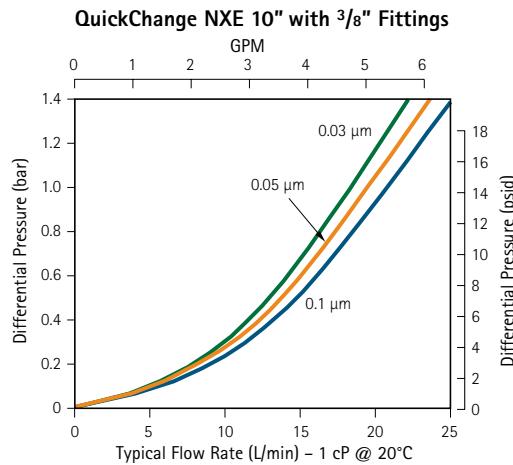
PrimeLock fittings available upon request for Chem-Line I Core Vent

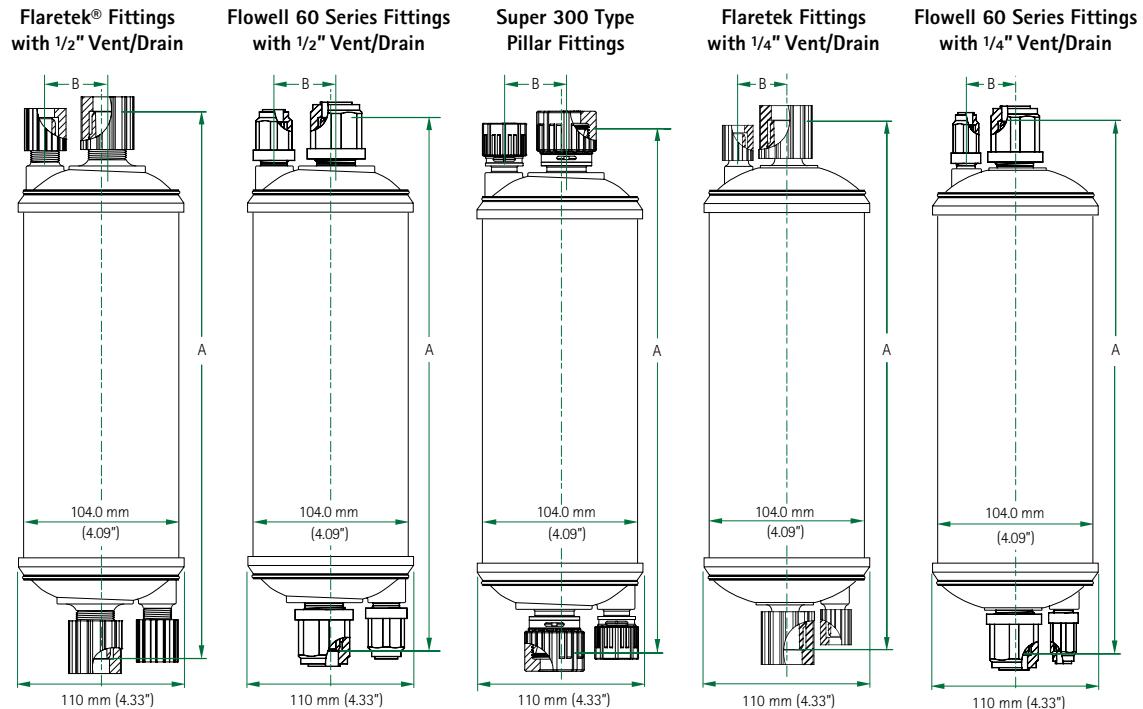
QuickChange NXX/NXM/NXE Chem-Line II Disposable Filters

Performance Data







Dimensions**NOMINAL DIMENSIONS FOR CHEM-LINE II**

Fittings		Flowell 60 Series Fittings				Super 300 Type Pillar Fittings (Female)		Super 300 Type Pillar Fittings (Male)		
Inlet/Outlet	Vent/Drain	B	A	A	A	A	A	B	A	A
		4"	10"	4"	10"	4"	10"		4"	10"
3/8"	1/4"	37 mm (1.46")	230 mm (9.06")	343 mm (13.51")	-	-	-	-	-	-
1/2"	1/4"	37 mm (1.46")	243 mm (9.58")	356 mm (14.03")	-	-	245 mm (9.64")	358 mm (14.09")	41 mm (1.63")	225 mm (8.84")
3/4"	1/4"	37 mm (1.46")	246 mm (9.68")	359 mm (14.13")	248 mm (9.77")	361 mm (14.22")	-	-	37 mm (1.46")	237 mm (9.32")
3/4"	1/2"	41 mm (1.63")	250 mm (9.85")	363 mm (14.30")	241 mm (9.49")	354 mm (13.94")	-	-	41 mm (1.63")	236 mm (9.29")
1"	1/4"	37 mm (1.46")	255 mm (10.02")	368 mm (14.47")	258 mm (10.16")	371 mm (14.61")	-	-	37 mm (1.46")	270 mm (10.62")
1"	1/2"	41 mm (1.63")	263 mm (10.37")	376 mm (14.82")	253 mm (9.96")	366 mm (14.41")	-	-	41 mm (1.63")	268 mm (10.55")

Ordering Information

This information serves as a guide. Please contact your local representative to confirm part numbers.

QuickChange NX Chem-Line II Disposable**Part Number**

NX2	P			Fitting Configuration*
			Cleaning	M31F
			O = STD	M21F
			C = UCM	M01F
		Length		M41F
		1 = 10"		102F
		S = 4"		142F
			Membrane Area	M016
			X = NXX	M416
			M = NXM	1026
			E = NXE	1426
	Retention Rating			102S
	Y = 0.03 µm			142S
	Z = 0.05 µm			121S
	V = 0.1 µm			M01S
	G = 0.2 µm			M41S
				F01S
				*PrimeLock fittings available upon request

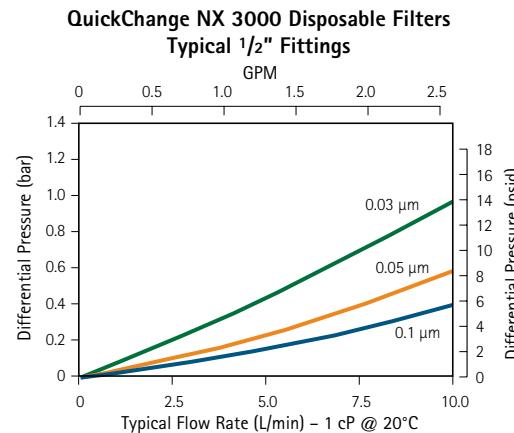
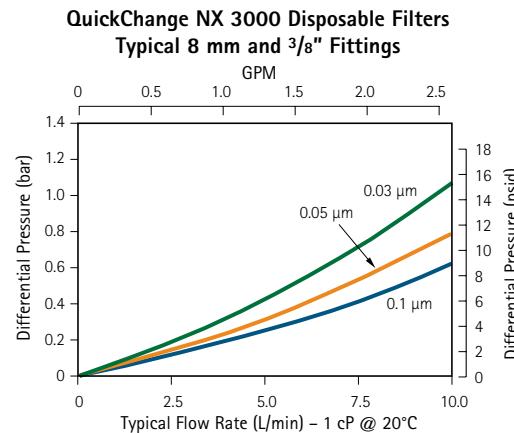
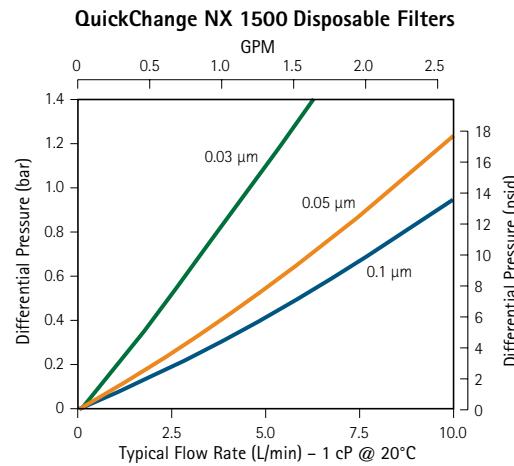
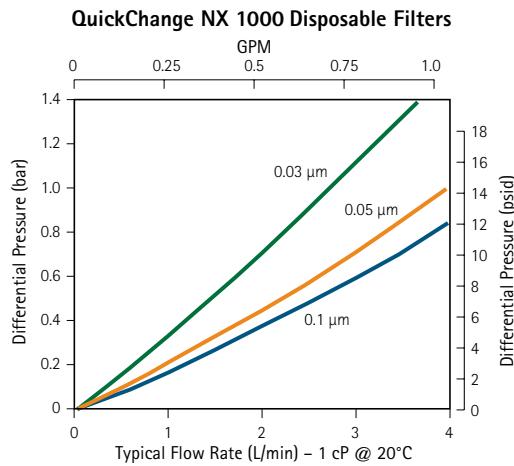
Fitting Key

Key	Configuration	Inlet/Outlet	Vent/Drain	Fitting
M31F	In-Line Male	3/8"	1/4"	Flaretek
M21F	In-Line Male	1/2"	1/4"	Flaretek
M01F	In-Line Male	3/4"	1/4"	Flaretek
M41F	In-Line Male	1"	1/4"	Flaretek
102F	In-Line Male Offset	3/4"	1/2"	Flaretek
142F	In-Line Male Offset	1"	1/2"	Flaretek
M016	In-Line Male	3/4"	1/4"	Flowell 60
M416	In-Line Male	1"	1/4"	Flowell 60
1026	In-Line Male Offset	3/4"	1/2"	Flowell 60
1426	In-Line Male Offset	1"	1/2"	Flowell 60
102S	In-Line Male Offset	3/4"	1/2"	Super 300 Type Pillar
142S	In-Line Male Offset	1"	1/2"	Super 300 Type Pillar
121S	In-Line Male Offset	1/2"	1/4"	Super 300 Type Pillar
M01S	In-Line Male	3/4"	1/4"	Super 300 Type Pillar
M41S	In-Line Male	1"	1/4"	Super 300 Type Pillar
F01S	In-Line Female	3/4"	1/4"	Super 300 Type Pillar

PrimeLock fittings available upon request

QuickChange NX 1000/1500/3000 Disposable Filters

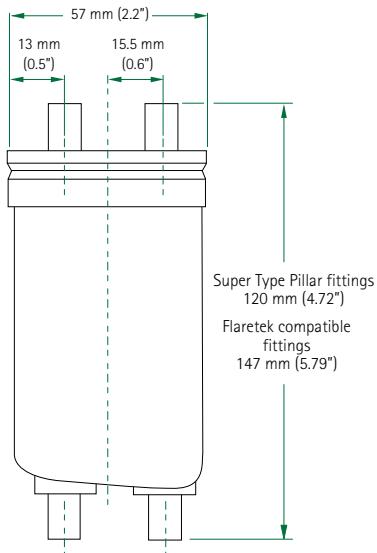
Performance Data



Dimensions

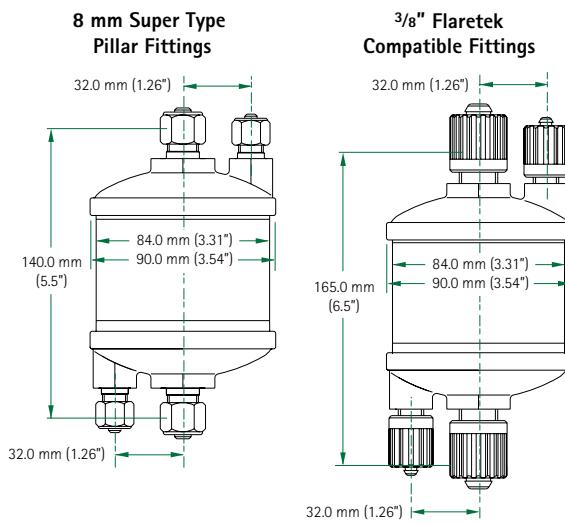
QUICKCHANGE NX 1000 DISPOSABLE FILTERS

Nominal Dimensions

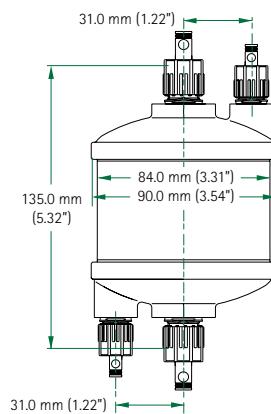


QUICKCHANGE NX 1500 DISPOSABLE FILTERS

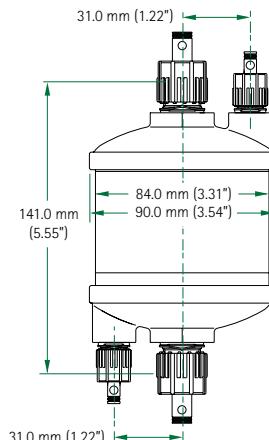
Nominal Dimensions



8 mm Super 300 Type Pillar Fittings



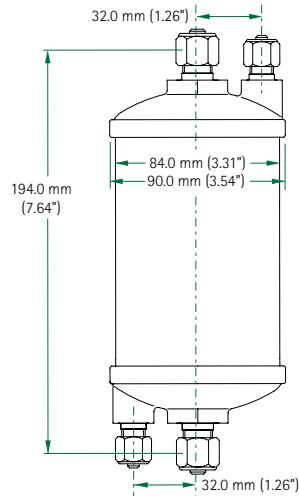
3/8" Super 300 Type Pillar Fittings



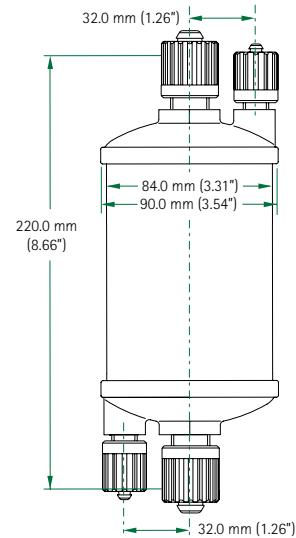
QUICKCHANGE NX 3000 DISPOSABLE FILTERS

Nominal Dimensions

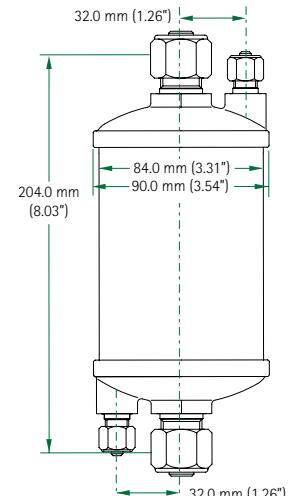
8 mm Super Type Pillar Fittings



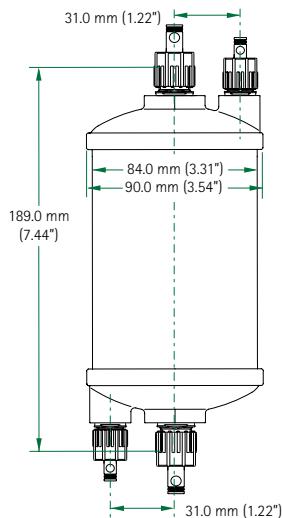
3/8" Flaretek Compatible Fittings



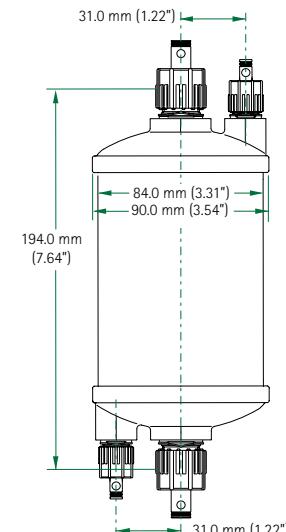
1/2" Super Type Pillar Fittings



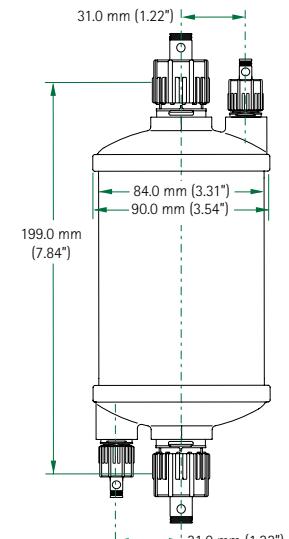
8 mm Super 300 Type Pillar Fittings



3/8" Super 300 Type Pillar Fittings



1/2" Super 300 Type Pillar Fittings



Ordering Information

This information serves as a guide. Please contact your local representative to confirm part numbers.

QuickChange NX 1000 Disposable**Part Number**

NXP_10_0_____P

Fitting Type

M66H

M11F

Retention Rating

Y = 0.03 µm

Z = 0.05 µm

V = 0.1 µm

QuickChange NX 1500/3000 Disposable**Part Number**

NXP_____P

Fitting Type

M86H

M86S

MW6W*

M31F

M31S

M21H*

M21S*

Retention Rating

Y = 0.03 µm

Z = 0.05 µm

V = 0.1 µm

Cleaning Type

15 = 1500

30 = 3000

0 = Standard

C = Ultra Clean

Not available with 1500*Fitting Key**

Key	Inlet/Outlet	Vent/Drain	Fitting
M66H	6 mm	6 mm	Super Type Pillar
M11F	1/4"	1/4"	Flaretek
M86H	8 mm	6 mm	Super Type Pillar
M86S	8 mm	6 mm	Super 300 Type Pillar
MW6W*	12 mm	6 mm	Flowell 20
M31F	3/8"	1/4"	Flaretek
M31S	3/8"	1/4"	Super 300 Type Pillar
M21H*	1/2"	1/4"	Super Type Pillar
M21S*	1/2"	1/4"	Super 300 Type Pillar

**Not available with 1500*

For More Information

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit www.entegris.com and select the Customer Service link for the center nearest you.

Terms and Conditions of Sale

All purchases are subject to Entegris' Terms and Conditions of Sale. To view and print this information, visit www.entegris.com and select the Legal Notices link from the footer.

Entegris®, the Entegris Rings Design®, Creating a Material Advantage®, Chemlock®, Chem-Line™, FlareLock®, Flaretok®, PrimeLock® and QuickChange® are trademarks of Entegris, Inc. Flowell™ is a trademark of Flowell Corporation. Pillar® is a registered trademark of Nippon Pillar Packing Company, Ltd. Chemraz® is a registered trademark of Greene, Tweed and Co. Kalrez® is a registered trademark of DuPont Dow Elastomers, LLC.

ENTEGRIS, INC.

Corporate Headquarters | 129 Concord Road | Billerica, MA 01821 USA
Customer Service Tel. +1 952 556 4181 | Customer Service Fax +1 952 556 8022
In North America 800 394 4083 | www.entegris.com