

# Foreline Traps

## LPCVD-TEOS Single & Multi-Stage Traps



### SPECIFICATIONS

#### Material

Trap Body: 304 stainless steel  
Flanges: 304 stainless steel  
Filter: Stainless steel gauze

Vacuum range:  $\geq 1 \times 10^{-8}$  Torr

Temperature range: -20°C to 150°C

Increase your system's throughput and extend preventative maintenance intervals by 2X or more with Nor-Cal Products' LPCVD/TEOS multistage foreline traps. The first stage is a stainless steel gauze filter which collects crystalline TEOS before it reaches downstream piping and isolation valves. The second stage is a 10 micron fiberglass filter which removes silicon dioxide which causes frequent PM's in throttling butterfly valves. The third and final stage is a reservoir which collects liquid TEOS without restricting foreline conductance. The two-piece trap body and 304 stainless steel construction allow these traps to be easily cleaned. Standard finish is beadblasted. Electropolish is available on request.



### One Stage LPCVD-TEOS Traps

Includes one stainless steel gauze filter

MODEL NUMBER	BODY OD	PORT CONFIGURATION	FLANGES	PORT ID	A	B	C	PRICE
FTT1S-8-3002-ISO	8	Coaxial	ISO-80	3	16.84	9.00	-	
FTT1A-8-3002-ISO	8	Angle	ISO-80	3	15.09	5.75	12.06	
FTT1S-8-4002-ISO	8	Coaxial	ISO-100	4	16.84	9.00	-	
FTT1A-8-4002-ISO	8	Angle	ISO-100	4	15.09	5.75	12.06	

### Two Stage LPCVD-TEOS Traps

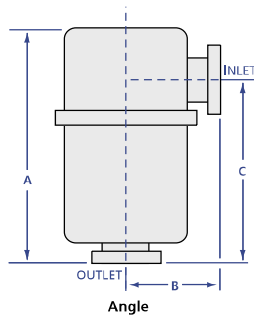
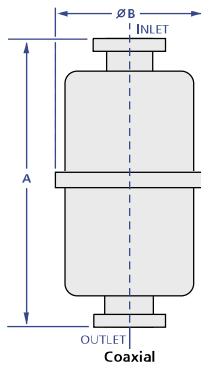
Includes one stainless steel gauze filter and one 10 micron fiberglass filter

MODEL NUMBER	BODY OD	PORT CONFIGURATION	FLANGES	PORT ID	A	B	C	PRICE
FTT2S-8-3002-ISO	8	Coaxial	ISO-80	3	19.12	9.45	-	
FTT2A-8-3002-ISO	8	Angle	ISO-80	3	21.00	5.75	18.00	
FTT2S-8-4002-ISO	8	Coaxial	ISO-100	4	19.12	9.45	-	
FTT2A-8-4002-ISO	8	Angle	ISO-100	4	21.00	5.75	18.00	

### Three Stage LPCVD-TEOS Traps

Includes one stainless steel gauze filter, one 10 micron fiberglass filter, and a built-in liquid collection reservoir

MODEL NUMBER	BODY OD	PORT CONFIGURATION	FLANGES	PORT ID	A	B	C	PRICE
FTT3S-8-3002-ISO	8	Coaxial	ISO-80	3	19.12	9.45	-	
FTT3A-8-3002-ISO	8	Angle	ISO-80	3	21.00	5.75	18.00	
FTT3S-8-4002-ISO	8	Coaxial	ISO-100	4	19.12	9.45	-	
FTT3A-8-4002-ISO	8	Angle	ISO-100	4	21.00	5.75	18.00	



Replacement filters and other hardware are located on Page 150

