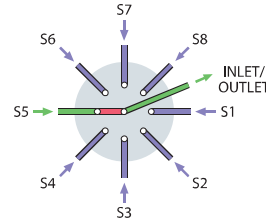


Low pressure • Selectors

CHEMINERT VALVES
Stream selectors
Low pressure
Stream selector
10-32 ZDV
1/16"
0.75 mm

Model C25Z includes Valco ZDV PEEK nuts and ferrules.
 Universal actuator: 24 VDC, with autosensing 24 VDC power supply.
 Includes RS232/485 serial interface.
 See page 174 for other interface options.

1/16" VALCO ZDV FITTINGS, 0.75 MM PORTS (.030")

SPECIFICATIONS

250 psi liq
75°C max
 Stator: PPS
 Rotor: Valcon E2

OPTIONS

- 4 and 12 positions available
- 2", 3", 4", and 6" standoffs
- Other polymeric materials are available. Consult the factory.

	6 Position <i>Prod No</i>	8 Position <i>Prod No</i>	10 Position <i>Prod No</i>	14 Position <i>Prod No</i>
Manual	C25Z-3186	C25Z-3188	C25Z-3180	C25Z-31814
With universal act.	C25Z-3186EUHA	C25Z-3188EUHA	C25Z-3180EUHA	C25Z-31814EUHA
Replacement valve	C25Z-3186D	C25Z-3188D	C25Z-3180D	C25Z-31814D
Replacement rotor	C15-310	C15-310	C15-310	C25Z-325
Replacement stator	C25Z-386	C25Z-388	C25Z-380	C25Z-38-14

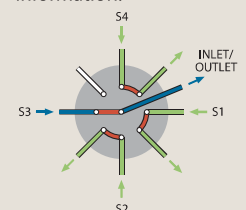


10 POSITION SELECTOR
 1/16" PEEK ZDV fittings

i OPTIONAL FLOWPATH

Model C25ZF, the flow-through version, is similar to the C25Z but its non-selected streams continue flowing through individual outlets, instead of being dead-ended. 3, 4, 5, 6, and 7 positions are available.

Consult the factory for C25ZF prices and information.





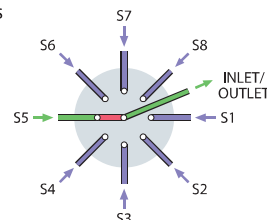
Stream selectors

1/4-28 FITTINGS FOR 1/16" TUBING, 0.75 MM PORTS (.030")

SPECIFICATIONS

250 psi liq
75°C max
 Stator: PPS
 Rotor: Valcon E2

Model C25 includes multicolored Cheminert 1/4-28 flangeless fittings for 1/16" tubing.
 Universal actuator: 24 VDC, with autosensing 24 VDC power supply.
 Includes RS232/485 serial interface.
 See page 174 for other interface options.



Low pressure

Stream selector

1/4-28 Internal

1/16"

0.75 mm

OPTIONS

- 2", 3", 4", and 6" standoffs
- CTFE stator

	4 Position <i>Prod No</i>	6 Position <i>Prod No</i>	8 Position <i>Prod No</i>	10 Position <i>Prod No</i>
Manual	C25-3184	C25-3186	C25-3188	C25-3180
With universal actuator	C25-3184EUHA	C25-3186EUHA	C25-3188EUHA	C25-3180EUHA
Replacement valve	C25-3184D	C25-3186D	C25-3188D	C25-3180D
Replacement rotor	C25-314	C25-316	C25-318	C25-310
Replacement stator	C25-384	C25-386	C25-388	C25-380

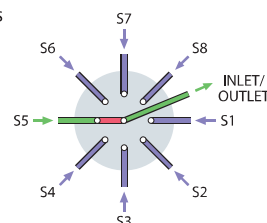
Stream selectors

1/4-28 FITTINGS FOR 1/8" TUBING, 1.50 MM PORTS (.060")

SPECIFICATIONS

250 psi liq
75°C max
 Stator: PPS
 Rotor: Valcon E2

Model C25 includes multicolored Cheminert 1/4-28 flangeless fittings for 1/8" tubing.
 Universal actuator: 24 VDC, with autosensing 24 VDC power supply.
 Includes RS232/485 serial interface.
 See page 174 for other interface options.



Low pressure

Stream selector

1/4-28 Internal

1/8"

1.50 mm

OPTIONS

- 2", 3", 4", and 6" standoffs
- CTFE stator

	4 Position <i>Prod No</i>	6 Position <i>Prod No</i>	8 Position <i>Prod No</i>	10 Position <i>Prod No</i>
Manual	C25-6184	C25-6186	C25-6188	C25-6180
With universal actuator	C25-6184EUHA	C25-6186EUHA	C25-6188EUHA	C25-6180EUHA
Replacement valve	C25-6184D	C25-6186D	C25-6188D	C25-6180D
Replacement rotor	C25-614	C25-616	C25-618	C25-610
Replacement stator	C25-684	C25-686	C25-688	C25-680

i OPTIONAL FLOWPATH

Model C25F is the flow-through version of C25. (See discussion on facing page.) 3, 4, 5, 6, and 7 positions are available.

Consult the factory for C25F prices and information.

➔ MORE INFO

- Actuators
 Microelectric 176
 Universal 174-175
- Materials
 Metals 246-247
 Polymers 248
 Valve rotors 249
- Standoff assemblies 187-189



10 POSITION SELECTOR
 1/4-28 Cheminert flangeless fittings

Low pressure • Selectors



CHEMINERT VALVES

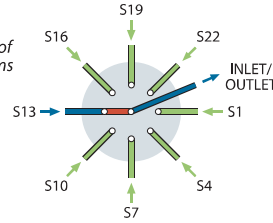
Stream selectors

1/16" CHEMINERT FITTINGS

- Low pressure
- Stream selector
- 6-40 flat bottom
- 1/16"

Model C25G includes 6-40 PEEK nut/bushings for 1/16" OD tubing.
 Universal actuator: 24 VDC, with autosensing 24 VDC power supply. Includes RS232/485 serial interface. See page 174 for other interface options.

(For clarity, only eight of the twenty-four streams are illustrated.)



SPECIFICATIONS

100 psi liq
50°C max
 Stator: PEEK
 Rotor: Valcon M

OPTIONS

- Fittings for use with 1/32" tubing
- 2", 3", 4", and 6" standoffs
- Consult the factory for optional materials.

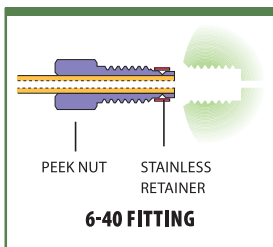
	20 Position 0.67 mm (.026") <i>Prod No</i>	24 Position 0.61 mm (.024") <i>Prod No</i>	28 Position 0.56 mm (.022") <i>Prod No</i>
With universal actuator	C25G-24520EUTA	C25G-24524EUTA	C25G-24528EUTA
Replacement valve	C25G-24520D	C25G-24524D	C25G-24528D
Replacement rotor	C25G-24R20	C25G-24R24	C25G-24R28
Replacement stator	C25G-2C520	C25G-2C524	C25G-2C528

Fittings

6-40

The C25G selector uses unique 6-40 fittings for flat-bottomed fitting details. As the fitting is tightened, the grooved area (supported by the stainless retainer) compresses enough to grip the tube for a low pressure connection. The bushing/nut is natural PEEK.

	<i>Tube size</i>	<i>Prod No</i>	
6-40 one piece nut/bushing with retainer	1/16"	CNNF1PK	
	1/32"	CNNF.5PK	
Tightening tool		CGFT	



24 POSITION SELECTOR
 1/16" 6-40 PEEK fittings

➔ MORE INFO

See Technical Note 824 for installation of these fittings.
www.vici.com/support/tn/tn824.pdf

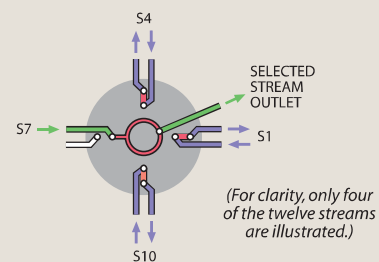


i OPTIONAL FLOWPATHS

Model C25G valves select and isolate one of 20-28 streams, with the remainder dead-ended.

Model C25GF, the flow-through version, is similar to the C25G but its non-selected streams continue flowing through individual outlets. 10, 12, and 14 positions are available.

Call for pricing and information.



MODEL C25GF SCHEMATIC



Stream selectors WITH 1/2-20 FITTINGS FOR 1/4" TUBING

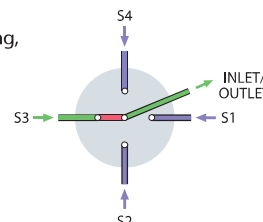
2.9 – 3.2 MM (.110" – .125") PORTS

SPECIFICATIONS

100 psi liq
50°C max

Stator: PAEK
Rotor: Valcon E2

Manual version not available.
Model C45R includes Cheminert 1/2-20 flangeless fittings for 1/4" tubing, Delrin nuts, and CTFE ferrules.
Universal actuator: 24 VDC, with autosensing 24 VDC power supply. Includes RS232/485 serial interface.
See page 174 for other interface options.



Low pressure
Stream selector
1/2-20 Internal
1/4" 2.8 - 3.2 mm

OPTIONS

- Other polymeric rotors and stators are available.
- 10 position version available.

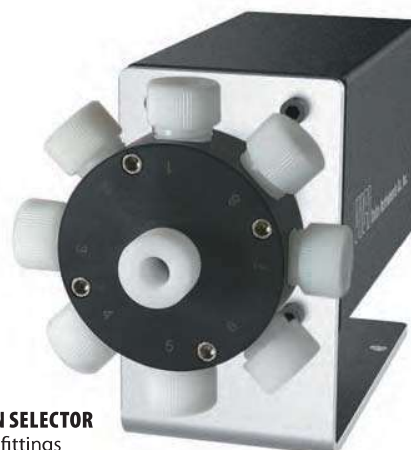
	4 Position 3.2 mm (.125") <i>Prod No</i>	6 Position 3.2 mm (.125") <i>Prod No</i>	8 Position 2.8 mm (.110") <i>Prod No</i>
With universal actuator	C45R-8144EUTA	C45R-8146EUTA	C45R-8148EUTA
Replacement valve	C45R-8144D	C45R-8146D	C45R-8148D
Replacement rotor	C45R-81R4	C45R-81R6	C45R-81R8
Replacement stator	C45R-8C44	C45R-8C46	C45R-8C48

Fittings 1/2-20



	<i>Prod No</i>
Delrin nut	CFL-4D
CTFE ferrule	CFL-CB4KF-S

Call for a quote on CTFE nuts and 1/2-20 plugs.



8 POSITION SELECTOR
1/2-20 fittings

Stream selectors WITH 1/2-20 FITTINGS FOR 1/4" TUBING

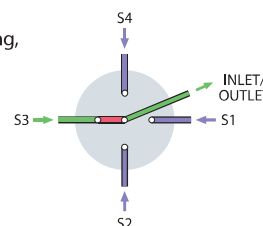
3.9 – 4.6 MM (.155" – .180") PORTS

SPECIFICATIONS

100 psi liq
50°C max

Stator: PAEK
Rotor: Valcon E2

Manual version not available.
Model C45R includes Cheminert 1/2-20 flangeless fittings for 1/4" tubing, Delrin nuts, and CTFE ferrules.
Universal actuator: 24 VDC, with autosensing 24 VDC power supply. Includes RS232/485 serial interface.
See page 174 for other interface options.



Low pressure
Stream selector
1/2-20 Internal
1/4" 3.9 - 4.6 mm

OPTIONS

- Other polymeric rotors and stators are available.

	4 Position 4.6 mm (.180") <i>Prod No</i>	6 Position 3.9 mm (.155") <i>Prod No</i>
With universal actuator	C45R-9144EUTA	C45R-9146EUTA
Replacement valve	C45R-9144D	C45R-9146D
Replacement rotor	C45R-91R4	C45R-91R6
Replacement stator	C45R-9C44	C45R-9C46

MORE INFO

- Actuators
Microelectric 176
Universal 174-175
Materials
Metals 246-247
Polymers 248
Valve rotors 249