



Cheminert Valves

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Low pressure valves with 1/4-28 fitting details for 1/8" tubing Multicolored Cheminert 1/4-28 flangeless fittings for 1/8" tubing, 1.50 mm ports (.070")

Model C22

Model C22 valve caps have female threads for direct connection of lines – no couplings are required.



Applications



4 port



6 port



8 port



10 port

Click on a schematic to view a typical application

[See more applications](#) for Cheminert two position injectors and valves.

Product numbers

Select to jump to product numbers:

[4 ports](#)

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Order [sample loops](#) separately.

Actuation

Valves can be actuated manually or automated with pneumatic or electric actuators.

[Read more about actuators.](#)

Cheminert liquid handling valves rarely require a standoff. [Contact the factory](#) if you need one.

Sample loops

[Sample loops](#) are available in a variety of sizes and materials.

Further reference

[More low pressure Cheminert valves](#) [Sample loops](#)

[Which valve do I need?](#)

[Properties of polymers](#)

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[Properties of rotor materials](#)

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4 port valves - Model C22

Low pressure - 1/4-28 fitting details for 1/8" tubing - 1.50 mm ports (.060")

Includes multicolored Cheminert 1/4-28 flangeless fittings for 1/8" tubing.

Standard electric actuator:

110 VAC for USA; 110/230 VAC to 24 VDC power supply for international.

Microelectric actuator: 24 VDC, with 110/230 VAC to 24 VDC power supply.



Specs	Actuation	Product No.
75°C max 100 psi gas/ 250 psi liq PPS stator Valcon E2 rotor	Manual	C22-6184
	With pneumatic actuator	C22-6184A
	With standard electric actuator	C22-6184E
	With microelectric actuator	C22-6184EH
	Replacement parts	Product No.
	Valve (for use with existing actuator)	C22-6184D
	Rotor	C22-614
	Stator	C22-684

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6 port valves - Model C22

Low pressure - 1/4-28 fitting details for 1/8" tubing - 1.50 mm ports (.060")

Includes multicolored Cheminert 1/4-28 flangeless fittings for 1/8" tubing.

Standard electric actuator:

110 VAC for USA; 110/230 VAC to 24 VDC power supply for international.

Microelectric actuator: 24 VDC, with 110/230 VAC to 24 VDC power supply.



Specs	Actuation	Product No.
75°C max 100 psi gas/ 250 psi liq	Manual	C22-6186
	With pneumatic actuator	C22-6186A

PPS stator Valcon E2 rotor	With standard electric actuator	C22-6186E
	With microelectric actuator	C22-6186EH
	Replacement parts	Product No.
	Valve <i>(for use with existing actuator)</i>	C22-6186D
	Rotor	C22-616
	Stator	C22-686

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8 port valves - Model C22

Low pressure - 1/4-28 fitting details for 1/8" tubing - 1.50 mm ports (.060")

Includes multicolored Cheminert 1/4-28 flangeless fittings for 1/8" tubing.

Standard electric actuator:

110 VAC for USA; 110/230 VAC to 24 VDC power supply for international.

Microelectric actuator: 24 VDC, with 110/230 VAC to 24 VDC power supply.



Specs	Actuation	Product No.
75°C max 100 psi gas/ 250 psi liq PPS stator Valcon E2 rotor	Manual	C22-6188
	With pneumatic actuator	C22-6188A
	With standard electric actuator	C22-6188E
	With microelectric actuator	C22-6188EH
	Replacement parts	Product No.
	Valve <i>(for use with existing actuator)</i>	C22-6188D
	Rotor	C22-618
	Stator	C22-688

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10 port valves - Model C22

Low pressure - 1/4-28 fitting details for 1/8" tubing - 1.50 mm ports (.060")





Includes multicolored Cheminert 1/4-28 flangeless fittings for 1/8" tubing.

Standard electric actuator:

110 VAC for USA; 110/230 VAC to 24 VDC power supply for international.

Microelectric actuator: 24 VDC, with 110/230 VAC to 24 VDC power supply.

Specs	Actuation	Product No.
75°C max 100 psi gas/ 250 psi liq PPS stator Valcon E2 rotor	Manual	C22-6180
	With pneumatic actuator	C22-6180A
	With standard electric actuator	C22-6180E
	With microelectric actuator	C22-6180EH
	Replacement parts	Product No.
	Valve <i>(for use with existing actuator)</i>	C22-6180D
	Rotor	C22-610
	Stator	C22-680

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