



# Parker T-MAX™

## PTFE Stream Switching Assembly

Ideally suited for aggressive chemical and corrosive service



ENGINEERING YOUR SUCCESS.

# Parker T-Max™ : PTFE Stream Switching Assembly

The Parker T-Max combines the unique flexibility and functionality of a modular stream switching valve with the proven reliability of a PTFE manifold for harsh applications.

## Overview:

- Utilizes Parker Veriflo Division PV-22 valves in a custom manifold
- Low Internal volume
- 100% factory tested
- Various end configurations

## Specifications:

- Pressure Rating: 26”Hg - 80 psig (5.4 bar)
- Actuation Pressure: 60-100 psig (4.7–8.1 bar)
- Temperature Range: 0-120°F Ambient  
32-212°F Media
- $C_v = 0.33$



## Materials:

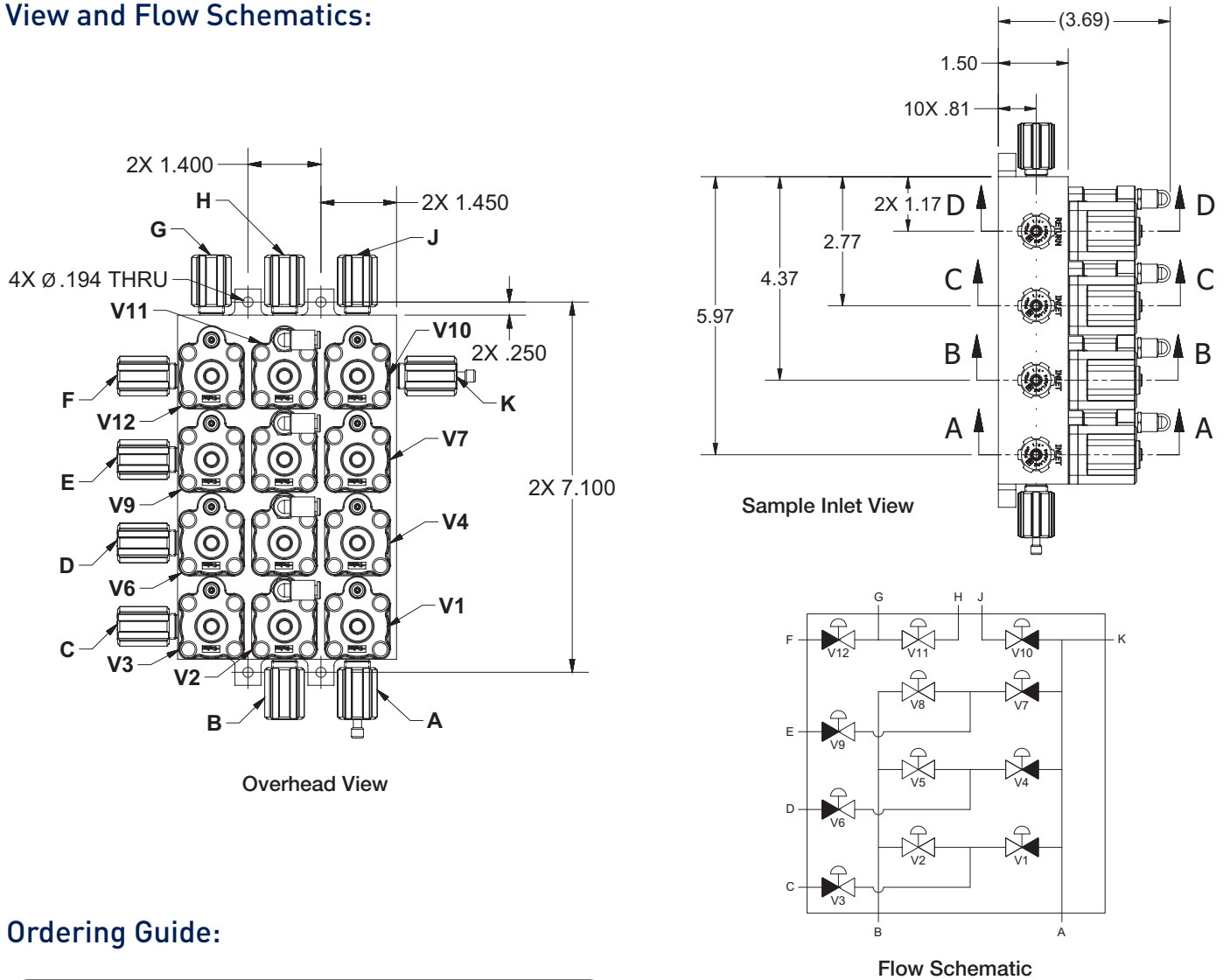
- Wetted: PTFE, PFA, modified PTFE
- Non-Wetted: PFA, PVDF, Viton, and PVDF coated SS Spring

## Features and Benefits:

FEATURES	BENEFITS
PTFE and modified PTFE wetted paths	Increased corrosion resistant in aggressive process streams
Modular Configuration	Ease of maintenance and reduced downtime required for valve replacement
Position Indicator	Local indication of valve “on” and “off”
Dedicated ARV for gas sample GC applications	Allows the sample shut-off and equilibration of the sample loop pressure to atmosphere

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## View and Flow Schematics:



## Ordering Guide:

Building a Part Number: Example: **CPRT4PFTSV22GC3**

Example Part Number:	<b>CPRT</b>	<b>4PF</b>	<b>TSV</b>	<b>22</b>	<b>GC</b>	<b>3</b>
Ordering Parameters/Options:	Base Model	Connector Options*	Product Designator	Valve Type	Manifold	Number of Streams
Table Reference: (see below)	A	B	C	D	E	F

EXAMPLE DESCRIPTION: Parker T-Max™ CPRT base model with 1/4" flare connections and a 3 stream assembly with a GC manifold module.

A - Base Model	
<b>CPRT</b>	Base Model

B - Connector Options*	
<b>4PF</b>	1/4" Parflare Nut

C - Product Designator	
<b>TSV</b>	PTFE Stream Switching

D - Valve Type	
<b>22</b>	PV22

E - Manifold	
<b>GC</b>	ARV Module (GC not available with 4 stream assembly)
Blank	Standard

F - Number of Streams	
1	1 Stream
2	2 Streams
3	3 Streams
4	4 Streams

**Notes:**  
\* The standard Parflare nut is PVDF

# Parker Worldwide

**AE** – UAE, Dubai  
Tel: +971 4 8875600  
parker.me@parker.com

**AR** – Argentina, Buenos Aires  
Tel: +54 3327 44 4129  
falecom@parker.com

**AT** – Austria, Wiener Neustadt  
Tel: +43 (0)2622 23501-0  
parker.austria@parker.com

**AT** – Eastern Europe, Wiener Neustadt  
Tel: +43 (0)2622 23501 970  
parker.easteurope@parker.com

**AU** – Australia, Dandenong  
Tel: +61 (0)3 9768 5555  
customer.service.au@parker.com

**AZ** – Azerbaijan, Baku  
Tel: +994 50 2233 458  
parker.azerbaijan@parker.com

**BE/LX** – Belgium, Nivelles  
Tel: +32 (0)67 280 900  
parker.belgium@parker.com

**BR** – Brazil, Sao Jose dos Campos  
Tel: +55 12 4009 3504  
falecom@parker.com

**BY** – Belarus, Minsk  
Tel: +375 17 209 9399  
parker.belarus@parker.com

**CA** – Canada, Grimsby, Ontario  
Tel: +1 905-945-2274  
ipd\_canada@parker.com

**CH** – Switzerland, Etoy  
Tel: +41 (0) 21 821 02 30  
parker.switzerland@parker.com

**CL** – Chile, Santiago  
Tel: +56 (0) 2 2303 9640  
falecom@parker.com

**CN** – China, Shanghai  
Tel: +86 21 2899 5000  
INGtechnical.china@parker.com

**CZ** – Czech Republic, Klecany  
Tel: +420 284 083 111  
parker.czechrepublic@parker.com

**DE** – Germany, Kaarst  
Tel: +49 (0)2131 4016 0  
parker.germany@parker.com

**DK** – Denmark, Ballerup  
Tel: +45 43 56 04 00  
parker.denmark@parker.com

**ES** – Spain, Madrid  
Tel: +34 902 33 00 01  
parker.spain@parker.com

**FI** – Finland, Vantaa  
Tel: +358 (0)20 753 2500  
parker.finland@parker.com

**FR** – France, Contamine s/Arve  
Tel: +33 (0)4 50 25 80 25  
parker.france@parker.com

**GR** – Greece, Athens  
Tel: +30 210 933 6450  
parker.greece@parker.com

**HU** – Hungary, Budapest  
Tel: +36 1 220 4155  
parker.hungary@parker.com

**ID** – Indonesia, Tangerang  
Tel: +62 (0)21 7588 1906  
parker.id@parker.com

**IE** – Ireland, Dublin  
Tel: +353 (0)1 466 6370  
parker.ireland@parker.com

**IN** – India, Mumbai  
Tel: +91 22 6513 7081-85

**IT** – Italy, Corsico (MI)  
Tel: +39 02 45 19 21  
parker.italy@parker.com

**JP** – Japan, Tokyo  
Tel: +(81) 3 6408 3900  
infophj@parker.com

**KR** – South Korea, Seoul  
Tel: +82 2 559 0400  
parkerkr@parker.com

**KZ** – Kazakhstan, Almaty  
Tel: +7 7272 505 800  
parker.easteurope@parker.com

**LV** – Latvia, Riga  
Tel: +371 6 745 2601  
parker.latvia@parker.com

**MX** – Mexico, Toluca  
Tel: +52 722 275 4200  
contacto@parker.com

**MY** – Malaysia, Selangor  
Tel: +603 784 90 800  
parkermy@parker.com

**NL** – The Netherlands, Oldenzaal  
Tel: +31 (0)541 585 000  
parker.nl@parker.com

**NO** – Norway, Stavanger  
Tel: +47 (0)51 826 300  
parker.norway@parker.com

**NZ** – New Zealand, Mt Wellington  
Tel: +64 9 574 1744

**PL** – Poland, Warsaw  
Tel: +48 (0)22 573 24 00  
parker.poland@parker.com

**PT** – Portugal, Leca da Palmeira  
Tel: +351 22 999 7360  
parker.portugal@parker.com

**RO** – Romania, Bucharest  
Tel: +40 21 252 1382  
parker.romania@parker.com

**RU** – Russia, Moscow  
Tel: +7 495 645-2156  
parker.russia@parker.com

**SE** – Sweden, Spånga  
Tel: +46 (0)8 59 79 50 00  
parker.sweden@parker.com

**SG** – Singapore,  
Tel: +65 6887 6300  
parkersg@parker.com

**SK** – Slovakia, Banská Bystrica  
Tel: +421 484 162 252  
parker.slovakia@parker.com

**SL** – Slovenia, Novo Mesto  
Tel: +386 7 337 6650  
parker.slovenia@parker.com

**TH** – Thailand, Bangkok  
Tel: +66 2 186 7000  
phthailand@parker.com

**TR** – Turkey, Istanbul  
Tel: +90 216 4997081  
parker.turkey@parker.com

**TW** – Taiwan, Taipei  
Tel: +886 2 2298 8987  
enquiry.taiwan@parker.com

**UA** – Ukraine, Kiev  
Tel: +380 44 494 2731  
parker.ukraine@parker.com

**UK** – United Kingdom, Warwick  
Tel: +44 (0)1926 317878  
parker.uk@parker.com

**USA** – IPD, Huntsville  
Tel: +1 256 881 2040  
ipdcct@parker.com

**USA** – Autoclave Engineers, Erie  
Tel: +1 814 860 5700  
ipdaect@parker.com

**VN** – Vietnam, Hochi Minh City  
Tel: +84 (0)8337 546 51  
parker\_viet@parker.com

**ZA** – South Africa, Kempton Park  
Tel: +27 (0)11 961 0700  
parker.southafrica@parker.com

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Instrumentation Products Division  
1005 A Cleaner Way  
Huntsville, AL 35805  
Tel: 256 881 2040

ipdsales@parker.com  
www.parker.com/ipdus