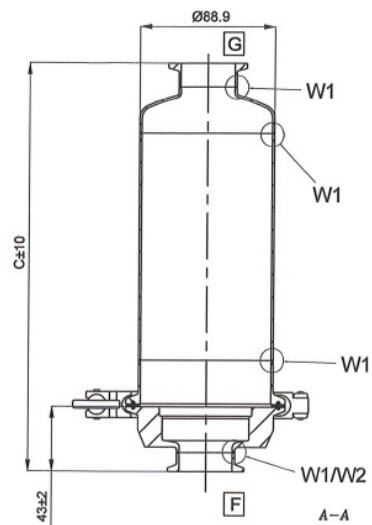
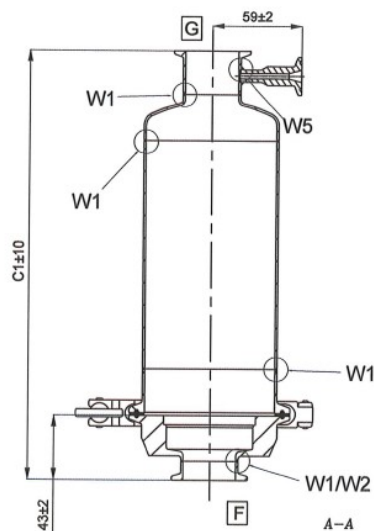


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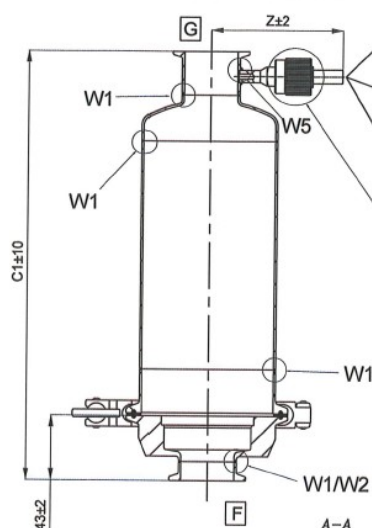
VERSION WITHOUT LATERAL PORT



VERSION WITH LATERAL PORT



VERSION WITH TC 0.5" LATERAL PORT



HOSEBARB (Z = 90)



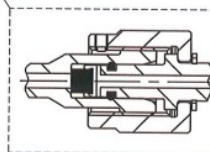
RECTUS 21 (Z = 90)



STAUBLI RBE 03 (Z = 96)



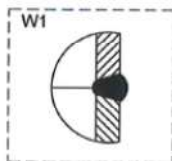
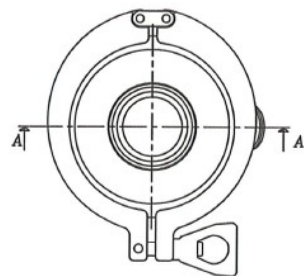
PARTICULAR OF LATERAL PORT VERSION



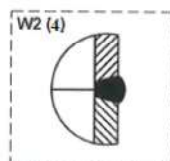
PARKER LOGO TO APPEAR OPPOSITE DATA LABEL

DATA LABEL

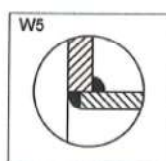
AV[®] FILTER HOUSING	
PART NUMBER	
MODEL	
TYPE	
CARTRIDGE NO. x HEIGHT (inches)	
CATEGORY 2014/68/EU	
VOLUME LITRES (V)	
PRESSURE (PS) min-max bar	
TEST PRESSURE (PT) bar	
DESIGN TEMPERATURE (TS) min-max	-20 + 150°C
FLUID GROUP (2014/68/EU)	2
VESSEL MATERIAL	316L / 1.4404
YEAR OF MANUFACTURE	
VESSEL NUMBER	
ATEX CLASSIFICATION	II 2 GD IIC
ATEX CERTIFICATION	04.01 EX-02-X



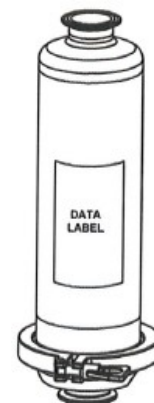
EXTERNAL WELDING: NOT GROUND
INTERNAL WELDING: NOT GROUND



EXTERNAL WELDING: NOT GROUND
INTERNAL WELDING: GROUND



EXTERNAL WELDING: NOT GROUND
INTERNAL WELDING: NOT GROUND

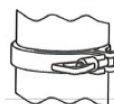


TECHNICAL DATA	
SERIES	PHI
CARTRIDGE SOCKET	C-STYLE (226)
DIRECTIVES	2014/68/EU & 2014/34/EU
ATEX REGULATION	GROUP 2 CAT 2 GAS & DUST FLUID GR IIC ZONE 1 & 21
PED FLUID GROUP	2
PRESSURE (PS) MAX	-1 to 10 Bar (-14 to 145 psi) -1 to 16 Bar (-14 to 232 psi)
TEMPERATURE (TS) min-max	-20 to 150°C (-4 to 302°F)
VESSEL MATERIAL	AISI 316L / W.N. 1.4404
GASKET COMPLIANCE	FDA 21 & CE 1935/2004 APPROVED
EXTERNAL SURFACE	MIRROR POLISHED
INTERNAL SURFACE	FINE BRUSHED
INLET [G]	CLAMP ASME BPE 1.5"
OUTLET [F]	CLAMP ASME BPE 1.5"
DRAIN PORT	NO DRAIN PORT
CLAMP TORQUE VALUE (RECOMMENDED)	STANDARD CLAMP = 5 NM DOUBLE BOLTED CLAMP = 20 NM

DIMENSIONAL DATA					
CARTRIDGE NUMBER X HEIGHT	01 x 5"	01 x 10"	01 x 20"	01 x 30"	01 x 40"
TOTAL VESSEL VOLUME (litres)	1.2	1.9	3.4	4.9	6.4
C (mm)	256	376	626	876	1126
C1 (mm)	272	392	642	892	1142

PED CATEGORY (IN ACCORDANCE TO PED 2014/68/EU)					
CARTRIDGE NUMBER X HEIGHT	01 x 5"	01 x 10"	01 x 20"	01 x 30"	01 x 40"
NOT DANGEROUS LIQUID (-1 to 10 bar)	Art. 4.3	Art. 4.3	Art. 4.3	Art. 4.3	Art. 4.3
NOT DANGEROUS GAS (-1 to 10 bar)	Art. 4.3	Art. 4.3	Art. 4.3	Art. 4.3	I
NOT DANGEROUS LIQUID (-1 to 16 bar)	Art. 4.3	Art. 4.3	Art. 4.3	Art. 4.3	Art. 4.3
NOT DANGEROUS GAS (-1 to 16 bar)	Art. 4.3	Art. 4.3	I	I	I

CLOSURE SYSTEM
STANDARD CLAMP
VERSION



CLOSURE SYSTEM
DOUBLE BOLTED
CLAMP VERSION



- Key**
- (1) OPTION CONSIDERED STANDARD CONFIGURATION (OFFERS BETTER PRICE & LEAD-TIME)
 - (2) REQUIRES DOUBLE BOLT CLAMP
 - (3) FOR THE LATERAL PORT OPTIONS, THE FLAT GASKET IS AVAILABLE ONLY IN PTFE AND THE O-RING IS AVAILABLE ONLY IN VITON
 - (4) AVAILABLE ONLY FOR THE 0.4 µm VERSION

* MULTIPLE CHANGES, FOR CLARITY ON EXACT CHANGES REFER TO IMPLEMENTED CHANGE SECTION ON THE ECO.

MATERIAL	GEN. ARRGT.	SCALE	1:2	NAME	DATE	DRAWN	CHECKED	APPROVED	TITLE	PHI CODE 7 SINGLE INLINE HOUSINGS	DRG No.	SHEET
						JG	PC	DF			179502682	1/3


ECO No.	0289647	REV No.	A
DO NOT SCALE - IF IN DOUBT ASK			
PLEASE CONSIDER THE ENVIRONMENT PRIOR TO IMPROVING THE QUALITY			
BASED ON BS 8886			
DIMENSIONS IN MILLIMETRES			
GENERAL TOLERANCES UNLESS OTHERWISE STATED			
XX	±0.13	UP TO 300	±0.3
X	±0.25	OVER 300 TO 400	±0.5
POSITIONAL TOLERANCE			
PLATE HOLES	±0.13		
TAPPED HOLES	±0.25		
CONCENTRICITY TOLERANCE	0.13		
MACHINED SURFACES INDICATED THIS SURFACE FINISH TO BS 1388			
UP TO 500	±0.5		
OVER 500 TO 1000	±1.0		
OVER 1000	±1.5		
SHEET METALWORK & FABRICATIONS			
UP TO 500	±0.5		
OVER 500 TO 1000	±1.0		
OVER 1000	±1.5		
FABRICATED PARTS DIMENSIONS			
UP TO 500	±0.5		
OVER 500 TO 1000	±1.0		
OVER 1000	±1.5		
POSITIONAL TOLERANCE FOR PLAIN & TAPPED HOLES			
UP TO 500	±0.5		
OVER 500	±1.0		
Parker domnick hunter			
Parker Hannifin Manufacturing Ltd			
Process Filtration - Europe			
Durham Road			
Birtley, Co. Durham			
UK			
UP TO 200			
phone +44 (0)191 4105121			
fax +44 (0)191 4105122			
email: dphprocess@parker.com			
www.parker.com/processfiltration			
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©2019 A1			

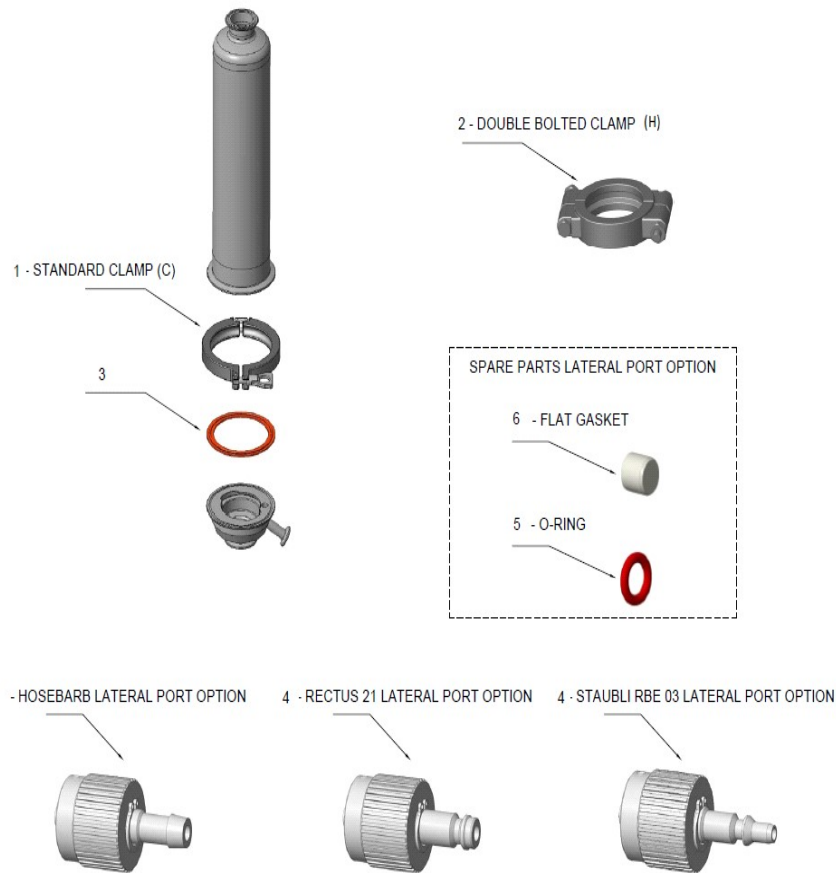
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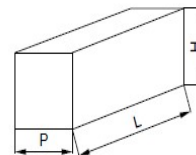
SPARE PARTS LIST			
POS	DESCRIPTION	MATERIAL	PART CODE
1	STANDARD CLAMP (C)	AISI 304L	XTCSS58AL1
2	DOUBLE BOLTED CLAMP (H)	AISI 304L	XTCSS58AL2
3	GASKET	SILICONE	XGKSI58AL
		EPDM	XGKEP58AL
		VITON	XGKVI58AL
		FEP+Silicone	XGKPT58AL
4	HOSEBARB LATERAL PORT OPTION	AISI 316L	XVASS30AL1
	RECTUS 21 LATERAL PORT OPTION	AISI 316L	XVASS30AL2
	STAUBLI RBE 03 LATERAL PORT OPTION	AISI 316L	XVASS30AL3
5	O-RING Ø01.78x05.28mm	VITON	XORVI31AL
6	FLAT GASKET	PTFE	XGKPT31AL

ACCESSORIES		
ITEM	DESCRIPTION:	PART NUMBER
	SANITARY DRAIN VALVE 0.5" TRI-CLAMP TO HOSEBARB C/W CLAMP & SEAL	XVASS04AL3
	SANITARY DRAIN VALVE 0.5" TRI-CLAMP TO STAUBLI RBE03 C/W CLAMP & SEAL	XVASS04AL4
	SANITARY DRAIN VALVE 0.5" TRI-CLAMP TO RECTUS 21 C/W CLAMP & SEAL	XVASS04AL5



PACKAGING

	CARTRIDGE NUMBER X HEIGHT:					
	1 X 5" (K)	1 X 10"	1 X 20"	1 X 30"	1 X 40"	
VERSION WITHOUT LATERAL PORT	BOWL WEIGHT [KG]	0.7	1.1	1.9	2.7	3.5
	TOTAL NET WEIGHT [KG]	2.6	3.0	4.0	5.0	6.0
	PAKAGING SIZE [CM] (LxPxH)	44x13x15	69x13x15	94x13x15	115x25x15	115x25x15
VERSION WITH LATERAL PORT	TOTAL NET WEIGHT [KG]	2.6	3.0	4.0	5.0	6.0
	TOTAL WEIGHT PACKED [KG]	3.6	4.0	5.0	6.0	7.0
	PAKAGING SIZE [CM] (LxPxH)	70x25x15	70x25x15	90x25x15	115x25x15	115x25x15



ECO No.	0289647	REV No.	A
DO NOT SCALE - IF IN DOUBT ASK			
PLEASE CONSIDER THE FOLLOWING BEFORE TO PROCEED WITH THE ORDER			
BASED ON BS 8888		DIMENSIONS IN MILLIMETRES	
GENERAL TOLERANCES UNLESS OTHERWISE STATED			
MACHINED DIMENSIONS			
XX ±0.13	UP TO 300	±0.3	
X ±0.25	OVER 300 TO 600	±0.5	
POSITIONAL TOLERANCE			
PLAIN HOLES	±0.13		
TAPPED HOLES	±0.25		
CONCENTRICITY TOLERANCE	0.13 TIR		
MACHINED SURFACES INDICATED THIS SURFACE FINISH TO BS 1388			
VALVES IN LOW EXCEPT CHAMFERED			
SURFACE TEXTURE TO BS 1314			
WALLS IN LOW EXCEPT CHAMFERED			
ANGLES ±0.2° (EXCEPT CHAMFERED)			
METRIC THREADS TO BS 3643			
M20 M22 M24 M26 M28 M30 M32 M36 M40 M42 M44 M46 M48 M50 M52 M56 M60 M63 M66 M68 M70 M72 M76 M80 M84 M88 M90 M92 M96 M100 M104 M108 M110 M112 M116 M120 M125 M130 M135 M140 M145 M150 M155 M160 M165 M170 M175 M180 M185 M190 M195 M200 M205 M210 M215 M220 M225 M230 M235 M240 M245 M250 M255 M260 M265 M270 M275 M280 M285 M290 M295 M300 M305 M310 M315 M320 M325 M330 M335 M340 M345 M350 M355 M360 M365 M370 M375 M380 M385 M390 M395 M400 M405 M410 M415 M420 M425 M430 M435 M440 M445 M450 M455 M460 M465 M470 M475 M480 M485 M490 M495 M500 M505 M510 M515 M520 M525 M530 M535 M540 M545 M550 M555 M560 M565 M570 M575 M580 M585 M590 M595 M600 M605 M610 M615 M620 M625 M630 M635 M640 M645 M650 M655 M660 M665 M670 M675 M680 M685 M690 M695 M700 M705 M710 M715 M720 M725 M730 M735 M740 M745 M750 M755 M760 M765 M770 M775 M780 M785 M790 M795 M800 M805 M810 M815 M820 M825 M830 M835 M840 M845 M850 M855 M860 M865 M870 M875 M880 M885 M890 M895 M900 M905 M910 M915 M920 M925 M930 M935 M940 M945 M950 M955 M960 M965 M970 M975 M980 M985 M990 M995 M1000 M1005 M1010 M1015 M1020 M1025 M1030 M1035 M1040 M1045 M1050 M1055 M1060 M1065 M1070 M1075 M1080 M1085 M1090 M1095 M1100 M1105 M1110 M1115 M1120 M1125 M1130 M1135 M1140 M1145 M1150 M1155 M1160 M1165 M1170 M1175 M1180 M1185 M1190 M1195 M1200 M1205 M1210 M1215 M1220 M1225 M1230 M1235 M1240 M1245 M1250 M1255 M1260 M1265 M1270 M1275 M1280 M1285 M1290 M1295 M1300 M1305 M1310 M1315 M1320 M1325 M1330 M1335 M1340 M1345 M1350 M1355 M1360 M1365 M1370 M1375 M1380 M1385 M1390 M1395 M1400 M1405 M1410 M1415 M1420 M1425 M1430 M1435 M1440 M1445 M1450 M1455 M1460 M1465 M1470 M1475 M1480 M1485 M1490 M1495 M1500 M1505 M1510 M1515 M1520 M1525 M1530 M1535 M1540 M1545 M1550 M1555 M1560 M1565 M1570 M1575 M1580 M1585 M1590 M1595 M1600 M1605 M1610 M1615 M1620 M1625 M1630 M1635 M1640 M1645 M1650 M1655 M1660 M1665 M1670 M1675 M1680 M1685 M1690 M1695 M1700 M1705 M1710 M1715 M1720 M1725 M1730 M1735 M1740 M1745 M1750 M1755 M1760 M1765 M1770 M1775 M1780 M1785 M1790 M1795 M1800 M1805 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M4300 M4305 M4310 M4315 M4320 M4325 M4330 M4335 M4340 M4345 M4350 M4355 M4360 M4365 M4370 M4375 M4380 M4385 M4390 M4395 M4400 M4405 M4410 M4415 M4420 M4425 M4430 M4435 M4440 M4445 M4450 M4455 M4460 M4465 M4470 M4475 M4480 M4485 M4490 M4495 M4500 M4505 M4510 M4515 M4520 M4525 M4530 M4535 M4540 M4545 M4550 M4555 M4560 M4565 M4570 M4575 M4580 M4585 M4590 M4595 M4600 M4605 M4610 M4615 M4620 M4625 M4630 M4635 M4640 M4645 M4650 M4655 M4660 M4665 M4670 M4675 M4680 M4685 M4690 M4695 M4700 M4705 M4710 M4715 M4720 M4725 M4730 M4735 M4740 M4745 M4750 M4755 M4760 M4765 M4770 M4775 M4780 M4785 M4790 M4795 M4800 M4805 M4810 M4815 M4820 M4825 M4830 M4835 M4840 M4845 M4850 M4855 M4860 M4865 M4870 M4875 M4880 M4885 M4890 M4895 M4900 M4905 M4910 M4915 M4920 M4925 M4930 M4935 M4940 M4945 M4950 M4955 M4960 M4965 M4970 M4975 M4980 M4985 M4990 M4995 M5000 M5005 M5010 M5015 M5020 M5025 M5030 M5035 M5040 M5045 M5050 M5055 M5060 M5065 M5070 M5075 M5080 M5085 M5090 M5095 M5100 M5105 M5110 M5115 M5120 M5125 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