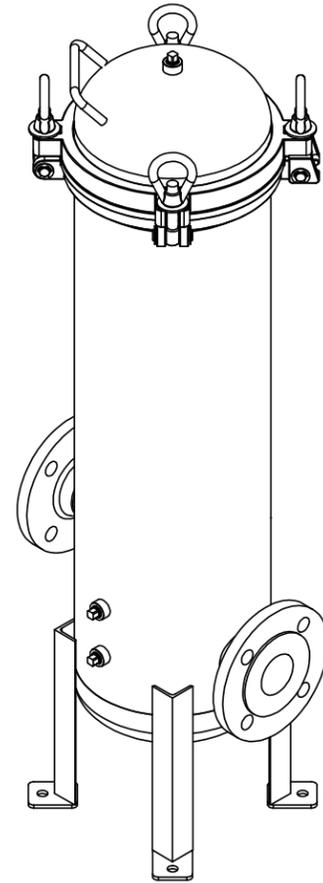


TABULATION		
PART NO.	DESCRIPTION	GLOBAL FILTER MODEL NO.
21280-01	FLTR HSG ASSY, GTCH5 SER, 20", DIN 50, 304 SS, GB, CODE	GTCH522D2415GBU
21280-02	FLTR HSG ASSY, GTCH5 SER, 20", DIN 50, 304 SS, GB	GTCH522D2415GB
21280-03	FLTR HSG ASSY, GTCH5 SER, 30", DIN 50, 304 SS, GB, CODE	GTCH532D2415GBU
21280-04	FLTR HSG ASSY, GTCH5 SER, 30", DIN 50, 304 SS, GB	GTCH532D2415GB
21280-05	FLTR HSG ASSY, GTCH5 SER, 40", DIN 50, 304 SS, GB, CODE	GTCH542D2415GBU
21280-06	FLTR HSG ASSY, GTCH5 SER, 40", DIN 50, 304 SS, GB	GTCH542D2415GB
21280-07	FLTR HSG ASSY, GTCH5 SER, 20", DIN 50, 316 SS, GB, CODE	GTCH522D2615GBU
21280-08	FLTR HSG ASSY, GTCH5 SER, 20", DIN 50, 316 SS, GB	GTCH522D2615GB
21280-09	FLTR HSG ASSY, GTCH5 SER, 30", DIN 50, 316 SS, GB, CODE	GTCH532D2615GBU
21280-10	FLTR HSG ASSY, GTCH5 SER, 30", DIN 50, 316 SS, GB	GTCH532D2615GB
21280-11	FLTR HSG ASSY, GTCH5 SER, 40", DIN 50, 316 SS, GB, CODE	GTCH542D2615GBU
21280-12	FLTR HSG ASSY, GTCH5 SER, 40", DIN 50, 316 SS, GB	GTCH542D2615GB
21280-13	FLTR HSG ASSY, GTCH5 SER, 20", DIN 50, 304 SS, EP, CODE	GTCH522D2415EPU
21280-14	FLTR HSG ASSY, GTCH5 SER, 20", DIN 50, 304 SS, EP	GTCH522D2415EP
21280-15	FLTR HSG ASSY, GTCH5 SER, 30", DIN 50, 304 SS, EP, CODE	GTCH532D2415EPU
21280-16	FLTR HSG ASSY, GTCH5 SER, 30", DIN 50, 304 SS, EP	GTCH532D2415EP
21280-17	FLTR HSG ASSY, GTCH5 SER, 40", DIN 50, 304 SS, EP, CODE	GTCH542D2415EPU
21280-18	FLTR HSG ASSY, GTCH5 SER, 40", DIN 50, 304 SS, EP	GTCH542D2415EP
21280-19	FLTR HSG ASSY, GTCH5 SER, 20", DIN 50, 316 SS, EP, CODE	GTCH522D2615EPU
21280-20	FLTR HSG ASSY, GTCH5 SER, 20", DIN 50, 316 SS, EP	GTCH522D2615EP
21280-21	FLTR HSG ASSY, GTCH5 SER, 30", DIN 50, 316 SS, EP, CODE	GTCH532D2615EPU
21280-22	FLTR HSG ASSY, GTCH5 SER, 30", DIN 50, 316 SS, EP	GTCH532D2615EP
21280-23	FLTR HSG ASSY, GTCH5 SER, 40", DIN 50, 316 SS, EP, CODE	GTCH542D2615EPU
21280-24	FLTR HSG ASSY, GTCH5 SER, 40", DIN 50, 316 SS, EP	GTCH542D2615EP



DESIGN CONDITIONS	
CERTIFICATION MARK	OPTIONAL
DESIGN PRESSURE	1.0 MPa @ 120° C (145 psi @ 250° F)
MAWP	1 MPa (145 psi)
WORKING PRESSURE	1 MPa (145 psi)
WORKING TEMP. AQUEOUS	0~100° C (32~212° F)
WORKING TEMP. EDIBLE OIL	0~120° C (32~250° F)
CORROSION ALLOWANCE	0
NONDESTRUCTIVE EXAMINATION	NA
JOINT EFFICIENCIES	0.7 (HEAD 0.85)
MEDIUM	LIQUID GROUP 2
DESIGN TEMPERATURE	120° C (250° F)
MDMT	-28° C @ 1.0 MPa (-18° F @ 145 psi)
HYDROSTATIC TEST PRESSURE	1.43 MPa (VERTICAL) (208 psi)
PWHT	NOT REQUIRED
VESSEL WEIGHT	49.6 Kg (110 lbs) SEE NOTE 4
WEIGHT FULL WITH WATER	79.6 Kg (175 lbs) SEE NOTE 4
VOLUME	0.028 m³ (1 ft³) SEE NOTE 4

REFERENCE ENGINEERING DRAWING 21280

- NOTES:
- UNLESS TOLERANCES ARE INDICATED, ALL DIMENSIONS ARE REFERENCE.
  - SEE SHEET 2 FOR BILL OF MATERIALS.
  - MODELS COMPLY WITH REQUIREMENTS FOR DESIGN AND CONSTRUCTION IN ACCORDANCE WITH EU PRESSURE EQUIPMENT DIRECTIVE (PED) AND/OR ASME CODE SECTION VIII.DIV.1 2019 EDITION. CONFER WITH GLOBAL FOR ADDITIONAL DETAILS.
  - FOR 20" HEIGHT MODELS.

**PROPRIETARY AND CONFIDENTIAL**  
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				<b>GLOBAL FILTER LLC</b> TITLE: <b>EU FLTR HSG ASSY, DIN 50 SISO GTCH5 SER, TAB</b>	
		MATERIAL SEE TABULATION TABLE			
		FINISH SEE TABULATION TABLE		SIZE	DWG. NO.
A	EC200922-01	NAME	DATE	<b>B</b>	<b>CS259</b>
REV	EC NUMBER	DRAWN BY	ME 9-22-20		
EC HISTORY		ENG APPR.	EG 10-1-20	SCALE: 1:6	WEIGHT:
				SHEET 1 OF 3	

BILL OF MATERIALS

ITEM	DESCRIPTION	21280-xx																							
		-01 QTY	-02 QTY	-03 QTY	-04 QTY	-05 QTY	-06 QTY	-07 QTY	-08 QTY	-09 QTY	-10 QTY	-11 QTY	-12 QTY	-13 QTY	-14 QTY	-15 QTY	-16 QTY	-17 QTY	-18 QTY	-19 QTY	-20 QTY	-21 QTY	-22 QTY	-23 QTY	-24 QTY
D 1	FLTR HSG WLDMNT, DIN 50 SISO GTCH5 SER, 20" 304 SS	1	1											1	1										
	FLTR HSG WLDMNT, DIN 50 SISO GTCH5 SER, 30" 304 SS			1	1											1	1								
	FLTR HSG WLDMNT, DIN 50 SISO GTCH5 SER, 40" 304 SS					1	1											1	1						
	FLTR HSG WLDMNT, DIN 50 SISO GTCH5 SER, 20" 316 SS							1	1											1	1				
	FLTR HSG WLDMNT, DIN 50 SISO GTCH5 SER, 30" 316 SS									1	1											1	1		
	FLTR HSG WLDMNT, DIN 50 SISO GTCH5 SER, 40" 316 SS											1	1											1	1
2	O-RING, METRIC 224 ID X 7 CS, NITRILE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
3	LID WELDMENT, BSPT GTCH5 SERIES, 304 SS	1	1	1	1	1	1							1	1	1	1	1	1						
	LID WELDMENT, BSPT GTCH5 SERIES, 316 SS							1	1	1	1	1	1							1	1	1	1	1	
4	KIT, CLEVIS PEN w/ RETAINING RINGS, 15/32 x 1.75"	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
5	EYE BOLT, 5/8"	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
6	WASHER, FLAT, SS	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
7	EYE NUT, 5/8"-11	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
C 8	V-POST, CARTRIDGE VESSELS SERIES, 20", 304 SS	5	5											5	5										
	V-POST, CARTRIDGE VESSELS SERIES, 30", 304 SS			5	5											5	5								
	V-POST, CARTRIDGE VESSELS SERIES, 40", 304 SS					5	5											5	5						
	V-POST, CARTRIDGE VESSELS SERIES, 20", 316 SS							5	5											5	5				
	V-POST, CARTRIDGE VESSELS SERIES, 30", 316 SS									5	5											5	5		
	V-POST, CARTRIDGE VESSELS SERIES, 40", 316 SS											5	5										5	5	
9	TIE ROD, CARTRIDGE VESSELS, 20", 304 SS	1	1											1	1										
	TIE ROD, CARTRIDGE VESSELS, 30", 304 SS			1	1											1	1								
	TIE ROD, CARTRIDGE VESSELS, 40", 304 SS					1	1											1	1						
	TIE ROD, CARTRIDGE VESSELS, 20", 316 SS							1	1											1	1				
	TIE ROD, CARTRIDGE VESSELS, 30", 316 SS									1	1											1	1		
	TIE ROD, CARTRIDGE VESSELS, 40", 316 SS											1	1										1	1	
B 10	SPRING ASSEMBLY, CARTRIDGE VESSELS, 304 SS	5	5	5	5	5	5							5	5	5	5	5	5						
	SPRING ASSEMBLY, CARTRIDGE VESSELS, 316 SS							5	5	5	5	5	5							5	5	5	5	5	
11	HOLD DOWN PLT POST w/ EXT RET RINGS KIT, 304 SS	1	1	1	1	1	1							1	1	1	1	1	1						
	HOLD DOWN PLT POST w/ EXT RET RINGS KIT, 316 SS							1	1	1	1	1	1							1	1	1	1	1	
12	HOLD DOWN PLT, CLOSED & DOE, GTCH5 SER, 304 SS	1	1	1	1	1	1							1	1	1	1	1	1						
	HOLD DOWN PLT, CLOSED & DOE, GTCH5 SER, 316 SS							1	1	1	1	1	1							1	1	1	1	1	
13	HOLD DOWN FIN CTG, GTCH5 SER, 304 SS	1	1	1	1	1	1							1	1	1	1	1	1						
	HOLD DOWN FIN CTG, GTCH5 SER, 316 SS							1	1	1	1	1	1							1	1	1	1	1	
14	TIE ROD NUT, CARTRIDGE VESSELS SERIES, 304 SS	1	1	1	1	1	1							1	1	1	1	1	1						
	TIE ROD NUT, CARTRIDGE VESSELS SERIES, 316 SS							1	1	1	1	1	1							1	1	1	1	1	
15	PIPE PLUG, 1" BSPT SQUARE HEAD, 304 SS	2	2	2	2	2	2							2	2	2	2	2	2						
	PIPE PLUG, 1" BSPT SQUARE HEAD, 316 SS							2	2	2	2	2	2							2	2	2	2	2	
16	PIPE PLUG, 1/4" BSPT SQUARE HEAD, 304 SS	3	3	3	3	3	3							3	3	3	3	3	3						
	PIPE PLUG, 1/4" BSPT SQUARE HEAD, 316 SS							3	3	3	3	3	3							3	3	3	3	3	
A 17	KIT, CLEVIS PEN w/ RETAINING RINGS, 15-32 x 2.50"	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

SIZE <b>B</b>	DWG. NO. <b>CS259</b>	REV <b>A</b>
SCALE: 1:1	WEIGHT:	SHEET 2 OF 3

