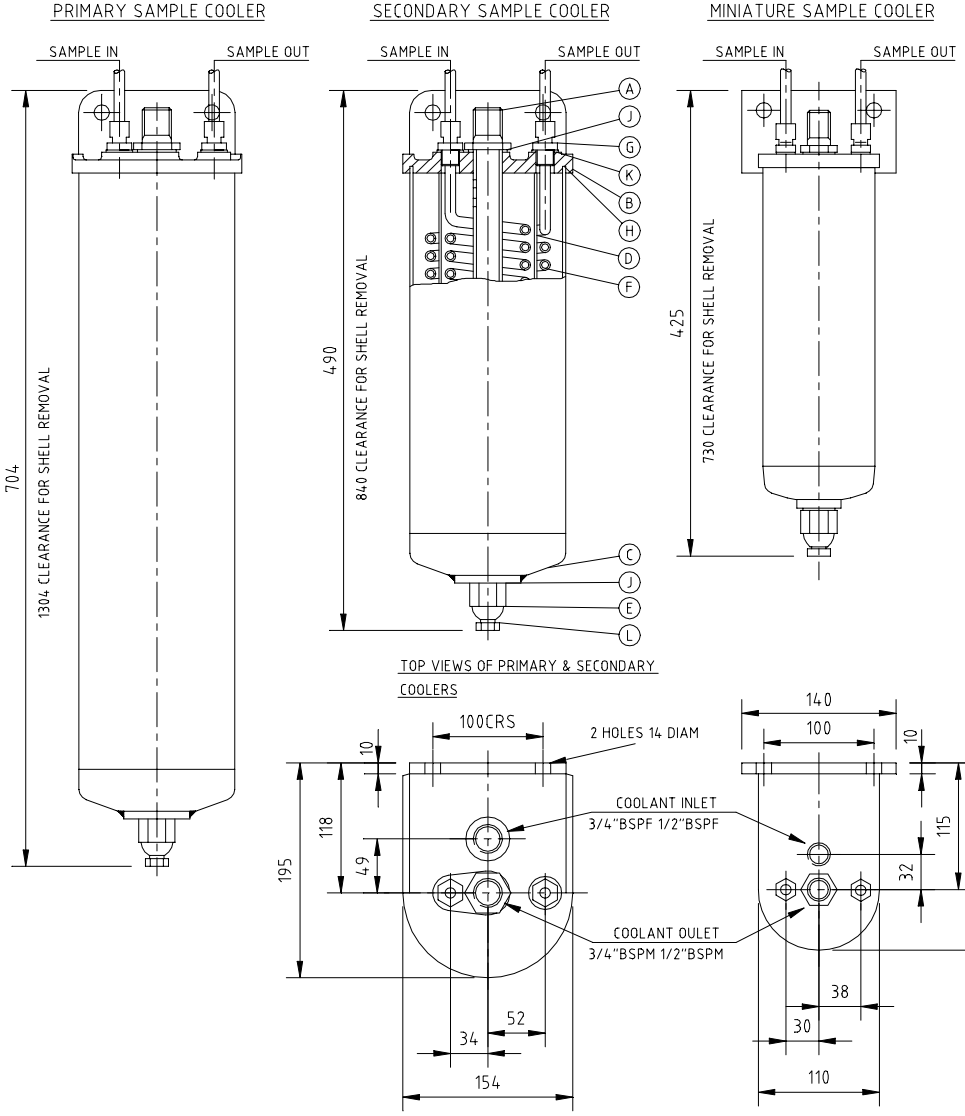
DRG NO 1-C-1002/11/A | SHT NO. 1/1

ALL DIMENSIONS IN MM | IF IN DOUBT ASK! | DO NOT SCALE | REPORT ANY ALTERATIONS TO DRAWING OFFICE

ITEM	QTY	DESCRIPTION	MATERIAL	REMARKS	DRAWING



QUANTITIES REQUIRED FOR ONE COOLER

DRG RANGE	ITEM	No	DESCRIPTION	MATERIAL	REMARKS
3C 1008	A	1	CENTRE TUBE	ST ST 321	1/2" OR 3/4" NB SCHED 80
3C 1009	B	1	LID	ST ST 304	
3C 1010	C	1	SHELL	ST ST 304	101 OR 141.3 OD
3C 1011	D	1	BAFFLE TUBE	ST ST 304	3" NB SCHED 5
4C 1012	E	1	DOME NUT	ST ST 321	
3C 1013	F	1	COOLING COIL		SEE TABLE FOR ALT MAT'L
	G	2	STUD COUPLING	ST ST 316	COMPRESSION TO SUIT
	H	1	'O' RING SEAL	VITON	TO SUIT GROOVE RING
	J	2	SEAL WASHER	DOWTY	1/2" OR 3/4" NEOPRENE
	K	2	SEAL WASHER	DOWTY	3/8" NEOPRENE
	L	1	DRAIN PLUG	ST ST 316	1/4" BSP PLUG

COOLER ELEMENT TEMPERATURE AND PRESSURE RATINGS (ST.STL COIL)

TEMP °C	100	200	300	400	500	550	600
PRESSURE BAR G	351	300	270	252	237	229	211

TEST PRESSURE COIL ELEMENT 517 BAR G SHELL 10.3 BAR G

THE RATINGS SHOWN ABOVE RELATE TO 3/8" OD x 16G ST ST 316
WITH A MINIMUM CARBON CONTENT OF 0.04%

COOLER SHELL
ALL ST.STEEL CONSTRUCTION
COOLER COIL OPTIONS:
3/8"OD x 16 GAUGE ST.STEEL 316
OR INCONEL 600
10mm OD x 2mm WALL ST.STEEL

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REV	MODIFICATION	ZONE	DRWN	DATE	CHKD
A	INITIAL ISSUE	—	AWE	11.4.01	

DRAWN A W EALES | DATE 11.4.01 | CHKD | SCALE 1:1.5 | JOB NO.

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CUSTOMER LOWE STANDARD

TITLE SECTIONAL ARRANGEMENTS OF FAST SAMPLE COOLERS

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