

3h Cooling Loop				2h Cooling Loop				1h Cooling Loop			
ring	#	insert facing	distance [mm]	ring	#	insert facing	distance [mm]	ring	#	insert facing	distance [mm]
15.3	1 down	72.9		15.3	1 down	76		15.3	1 down	64.4	
	2 up	12.3			2 up	12.3			2 up	12.3	
	3 up	78.4			3 up	78.4			3 up	78.4	
	4 down	12.3			4 down	12.3			4 down	12.3	
	5 down	78.4			5 down	78.4			5 down	78.4	
	6 up	12.3			6 up	12.3			6 up	12.3	
	7 up	78.4			7 up	78.4			7 up	78.4	
	8 down	12.3			8 down	12.3			8 down	12.3	
	9 down	78.4			9 down	78.4			9 down	78.4	
	10 up	12.3			10 up	12.3			10 up	12.3	
	11 up	78.4			11 up	78.4			11 up	78.4	
	12 down	12.3			12 down	12.3			12 down	12.3	
15.2	13 down	91.4		15.2	13 down	91.4		15.2	13 up	163.6	
	14 up	16.15			14 up	16.15			14 down	16.15	
	15 down	157.8			15 down	157.8			15 up	157.8	
	16 up	16.15			16 up	16.15			16 down	16.15	
	17 down	157.8			17 down	157.8			17 up	157.8	
	18 up	16.15			18 up	16.15			18 down	16.15	
	19 down	171.3			19 down	171.3			19 down	91.4	
	20 up	20			20 up	20			20 up	20	
	21 up	63			21 up	63			21 up	63	
	22 down	20			22 down	20			22 down	20	
	23 down	63			23 down	63			23 down	63	
	24 up	20			24 up	20			24 up	20	
	25 up	63			25 up	63			25 up	63	
	26 down	20			26 down	20			26 down	20	
	27 down	63			27 down	63			27 down	63	
	28 up	20			28 up	20			28 up	20	
	29 up	63			29 up	63			29 up	63	
	30 down	20			30 down	20			30 down	20	
15.1	31 up	128.5		15.1	31 down	129.2		15.1	31 down	128.5	
	32 down	12.6			32 up	12.6			32 up	12.6	
	33 down	77.8			33 up	77.8			33 up	77.8	
	34 up	12.6			34 down	12.6			34 down	12.6	
	35 up	77.8			35 down	77.8			35 down	77.8	
	36 down	12.6			36 up	12.6			36 up	12.6	
	37 down	77.8			37 up	77.8			37 up	77.8	
	38 up	12.6			38 down	12.6			38 down	12.6	
	39 up	77.8			39 down	77.8			39 down	77.8	
	40 down	12.6			40 up	12.6			40 up	12.6	
	41 up	161.9			41 up	91.4			41 down	161.9	
	42 down	17.2			42 down	17.2			42 up	17.2	
	43 up	154.9			43 up	154.9			43 down	154.9	
	44 down	17.2			44 down	17.2			44 up	17.2	
13.3	45 up	171		13.3	45 up	154.9		13.3	45 down	171	
	46 down	21.7			46 down	17.2			46 up	21.7	
	47 down	59.6			47 down	91.4			47 up	59.6	
	48 up	21.7			48 up	21.7			48 down	21.7	
	49 up	59.6			49 up	59.6			49 down	59.6	
	50 down	21.7			50 down	21.7			50 up	21.7	
	51 down	59.6			51 down	59.6			51 up	59.6	
	52 up	21.7			52 up	21.7			52 down	21.7	
	53 up	59.6			53 up	59.6			53 down	59.6	
	54 down	21.7			54 down	21.7			54 up	21.7	
	55 down	135.6			55 down	59.6			55 down	135.6	
	56 up	13.6			56 up	21.7			56 up	13.6	
	57 up	75.9			57 down	134.2			57 up	75.9	
13.2	58 down	13.6		13.2	58 up	13.6		13.2	58 down	13.6	
	59 down	75.9			59 up	75.9			59 down	75.9	
	60 up	13.6			60 down	13.6			60 up	13.6	
	61 up	75.9			61 down	75.9			61 up	75.9	
	62 down	13.6			62 up	13.6			62 down	13.6	
	63 down	91.4			63 up	75.9			63 up	158.9	
	64 up	19.2			64 down	13.6			64 down	19.2	
	65 down	149			65 down	91.4			65 up	149	
	66 up	19.2			66 up	19.2			66 down	19.2	
	67 down	170.2			67 down	149			67 down	91.4	
	68 up	24.8			68 up	19.2			68 up	24.8	
	69 up	53.4			69 down	170.2			69 up	53.4	
	70 down	24.8			70 up	24.8			70 down	24.8	
	71 down	53.4			71 up	53.4			71 down	53.4	
	72 up	24.8			72 down	24.8			72 up	24.8	
	73 up	53.4			73 down	53.4			73 up	53.4	
	74 down	24.8			74 up	24.8			74 down	24.8	
11.2	75 up	1925.2		11.2	75 up	53.4		11.2	75 down	1918.5	
	76 up	46.5			76 down	24.8			76 down	93.8	
	77 up	46.5			77 up	24.8			77 up	88	
	78 up	88			78 up	19.2			78 up	46.5	
	79 up	46.5			79 up	24.8			79 up	46.5	
	80 up	46.5			80 up	53.4			80 down	83.2	
	81 up	83.2			81 up	53.4			81 down	93	
	82 up	46.5			82 up	46.5			82 up	42.4	
	83 up	46.5			83 up	42.5			83 up	46.5	
	sum		6516.25		sum		2683.4		sum		6482.75

