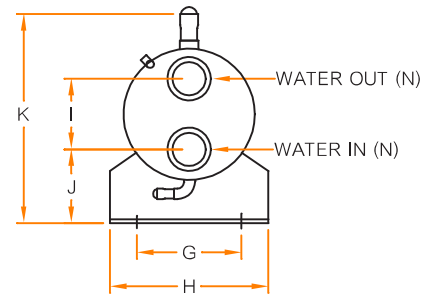
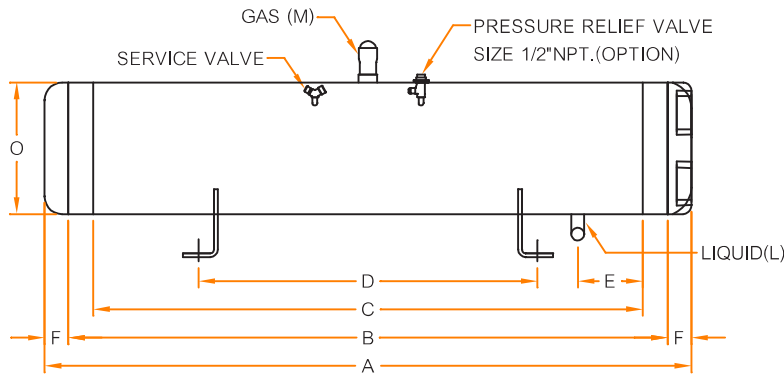


SHELL & TUBE CONDENSER MODEL VCC



MODEL VCC 040 - 1 - 12

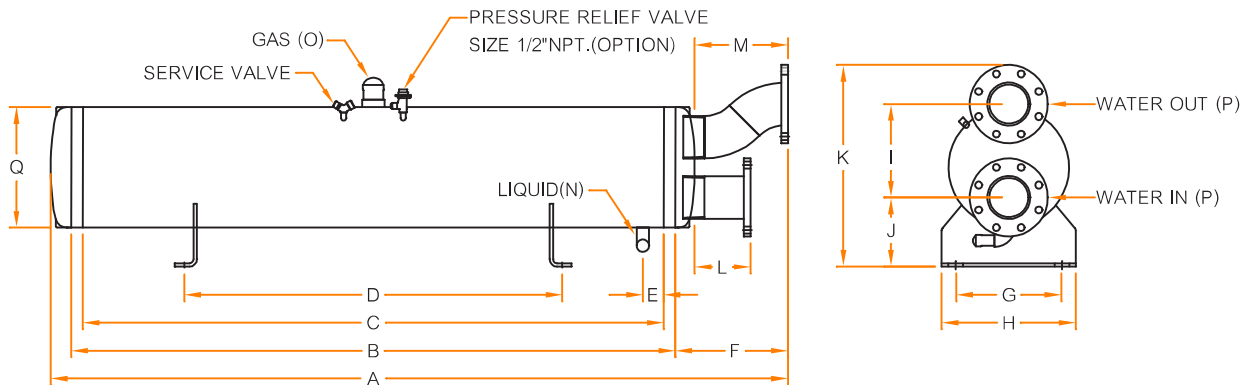
VCC = NORMAL CONDENSER TYPE

SVCC = SEA WATER CONDENSER TYPE (MATERIAL TUBE COPPER NICKEL 70/30)

SHELL SIZE 4" - 10" (1 CIRCUIT)

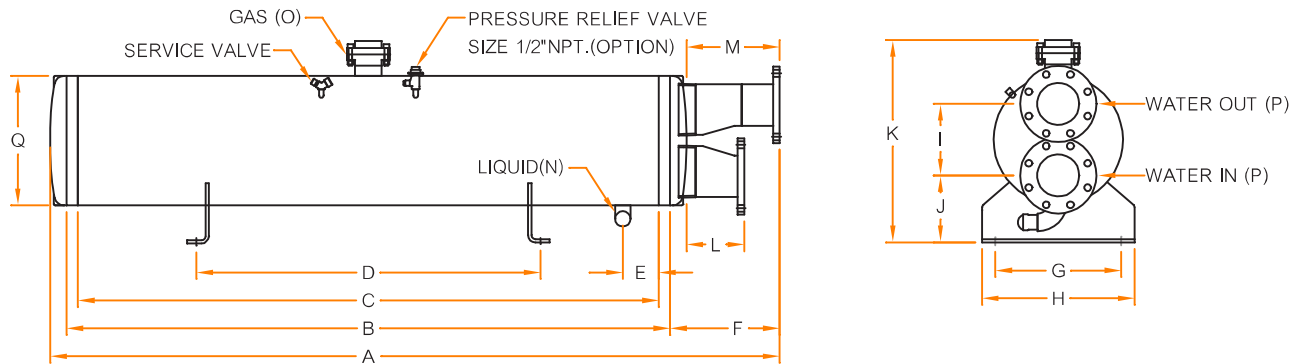
MODEL	DIMENSION (mm)											DIMENSION (inch)				NO. OF PASSES	HEAT SURFACE (ft ²)	WEIGHT (Kg)	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O				
VCC 1.8-1-04	510	450	392	ADJUST TABLE SUPPORT	40	30	122	182	68	89	240	1/2"	5/8"	1" BSP MALE THREND	4 1/2"	4	21.2	22	
VCC 2.2-1-04	590	530	472														25.6	24	
VCC 2.2-1-04	710	650	592														32.1	26	
VCC 3.5-1-04	850	790	732														39.6	30	
VCC 2.5-1-05	450	390	332	ADJUST TABLE SUPPORT	40	30	149	209	82	106	277	1/2"	3/4"	1" BSP MALE THREND	5 1/2"	4	28.3	32	
VCC 3.5-1-05	590	530	472														40.2	36	
VCC 005-1-05	790	730	672														57.2	43	
VCC 006-1-05	910	850	792														67.4	46	
VCC 003-1-06	414	350	292	ADJUST TABLE SUPPORT	14	32	176	236	96	112	314	3/4"	7/8"	1 1/2" BSP MALE THREND	6 1/2"	4	31.6	40	
VCC 3.5-1-06	484	420	362		40												39.2	43	
VCC 4.5-1-06	594	530	472														290	51.1	47
VCC 005-1-06	654	590	532														350	57.6	50
VCC 006-1-06	754	690	632	500	56	51	180	250	96	131	333	3/4"	7/8"	1 1/2" BSP MALE THREND	6 1/2"	4	68.5	54	
VCC 7.5-1-06	914	850	792	510													85.8	60	
VCC 010-1-06	1,154	1,090	1,032	740													111.8	70	
VCC 012-1-06	1,384	1,320	1,262	841													136.7	79	
VCC 7.5-1-08	631	530	472	ADJUST TABLE SUPPORT	56	51	227	287	90	160	385	7/8"	1 1/8"	2" BSP MALE THREND	8 1/2"	4	87.7	76	
VCC 010-1-08	731	630	572														106.2	83	
VCC 012-1-08	891	790	732														135.9	93	
VCC 015-1-08	1,091	990	932														640	173.1	105
VCC 020-1-08	1,291	1,190	1,132	711	56	45	286	360	128	170	438	7/8"	1 1/8"	2 1/2" BSP MALE THREND	10 1/2"	4	210.2	118	
VCC 025-1-08	1,591	1,490	1,432	1,016													265.9	136	
VCC 030-1-08	1,941	1,840	1,782	1,473													330.9	158	
VCC 010-1-10	540	450	392	290													40	45	286
VCC 012-1-10	620	530	472	290	146.1	105													
VCC 015-1-10	740	650	592	460	183.2	114													
VCC 020-1-10	940	850	792	460	245.1	129													
VCC 025-1-10	1,080	990	932	640	56	51	286	360	128	170	428	1 1/8"	1 5/8"	2 1/2" BSP MALE THREND	10 1/2"	4	288.5	140	
VCC 030-1-10	1,280	1,190	1,132	640													350.4	155	
VCC 035-1-10	1,410	1,320	1,262	1,016													390.6	165	
VCC 040-1-10	1,580	1,490	1,432	1,016													443.2	178	
VCC 025-1-12	815	690	628	400	56	70	286	360	164	185	489	1 1/8"	2 1/8"	3" BSP MALE THREND	12 1/2"	2	286.7	162	
VCC 030-1-12	955	830	768	490													350.6	176	
VCC 040-1-12	1,215	1,090	1,028	740													469.3	202	
VCC 050-1-12	1,425	1,300	1,238	1,016													565.2	223	
VCC 060-1-12	1,615	1,490	1,428	1,016	651.9	242													

SHELL & TUBE CONDENSER MODEL VCC



SHELL SIZE 12" (1 CIRCUIT)

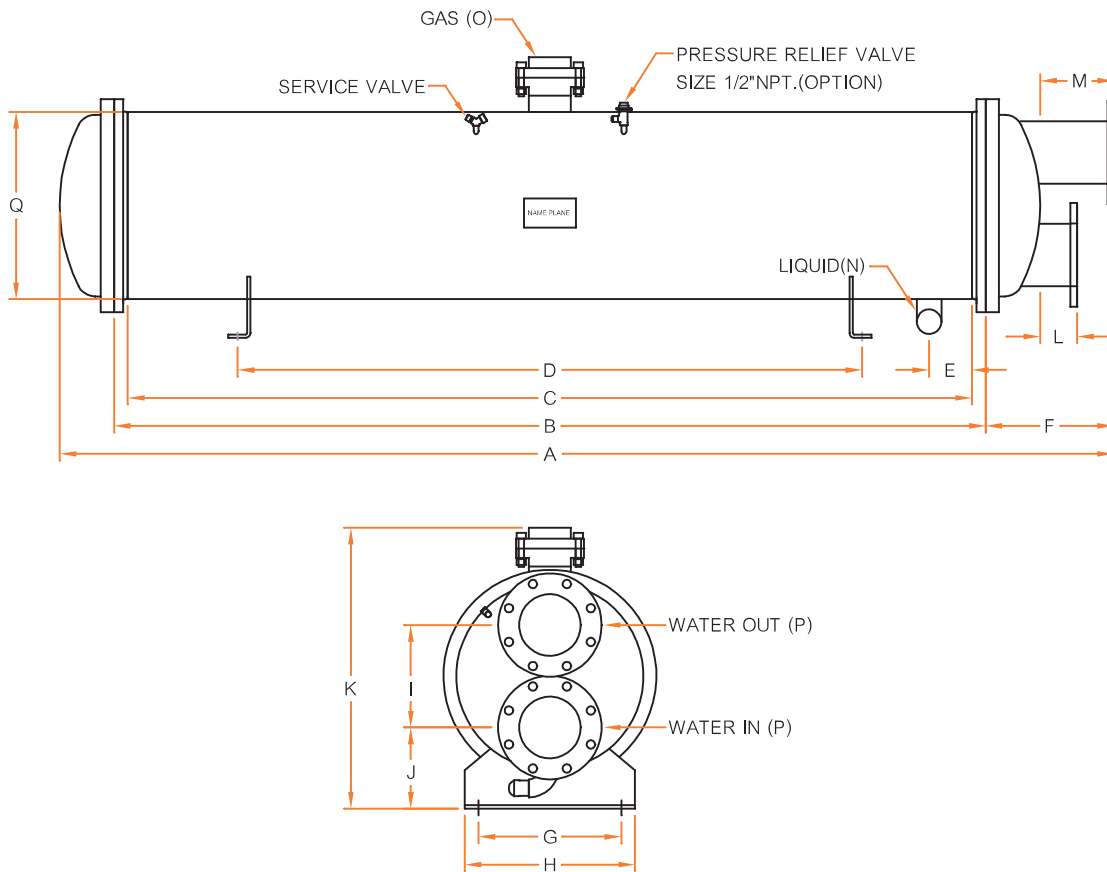
MODEL	DIMENSION (mm)													DIMENSION (inch)				NO. OF PASSES	HEAT SURFACE (ft ²)	WEIGHT (Kg)
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q			
VCC 070-1-12	2,108	1,750	1,688	1,016	56	303	286	360	251	186	542	150	251	1 1/8"	2 1/8"	4"	12 1/2"	2	770.6	267
VCC 080-1-12	2,348	1,990	1,928	1,473															880.2	291
VCC 090-1-12	2,558	2,200	2,138	1,473															976.1	312
VCC 100-1-12	2,848	2,490	2,428	1,473															1,108.5	341



SHELL SIZE 14" (1 CIRCUIT)

MODEL	DIMENSION (mm)													DIMENSION (inch)				NO. OF PASSES	HEAT SURFACE (ft ²)	WEIGHT (Kg)
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q			
VCC 060-1-14	1,536	1,190	1,128	640	56	301	346	420	197	184	521	159	256	1 5/8"	2 5/8"	4" FLANGE 10Kg/cm ²	12"	2	654.6	268
VCC 070-1-14	1,736	1,390	1,328	711															770.7	295
VCC 080-1-14	1,936	1,590	1,528	1,016															886.8	321
VCC 090-1-14	2,136	1,790	1,728	1,016															1,002.8	347
VCC 100-1-14	2,336	1,990	1,928	1,473															1,118.9	373
VCC 120-1-14	2,737	2,390	2,328	1,473															1,351.1	425
VCC 150-1-14	3,394	2,990	2,928	2,032															1,699.3	504

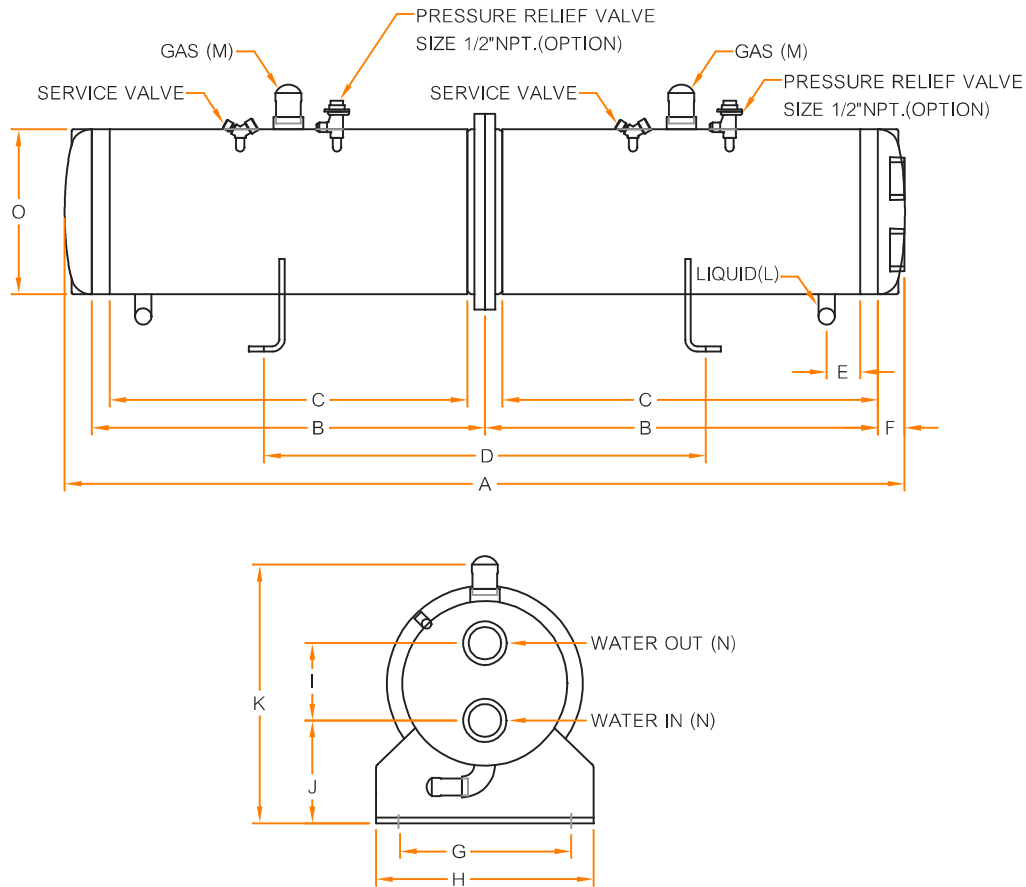
SHELL & TUBE CONDENSER MODEL VCC



SHELL SIZE 16 - 30" (1 CIRCUIT)

MODEL	DIMENSION (mm)														DIMENSION (inch)				NO. OF PASSES	HEAT SURFACE (ft ²)	WEIGHT (Kg)	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q					
VCC 075-1-16	1,630	1,190	1,116	640	56	320	386	460	214	202	629	100	200	1 5/8"	2 5/8"	4" FLANGE 10Kg/cm ²	16"	2	890.3	421		
VCC 095-1-16	1,930	1,490	1,416	1,016												2 1/8"			3 1/8"	5" FLANGE 10Kg/cm ²		
VCC 115-1-16	2,220	1,780	1,706	1,016										1,356.0	547							
VCC 130-1-16	2,430	1,990	1,916	1,473										1,521.7	552							
VCC 150-1-16	2,740	2,300	2,226	1,473										2 1/8"	3 1/8"	6" FLANGE 10Kg/cm ²			1,766.4	602		
VCC 170-1-16	3,040	2,600	2,526	1,778	56	388	386	460	321	216	557	150	268						2,003.2	652		
VCC 190-1-16	3,498	2,990	2,916	1,778									2 1/8"	4"	6" FLANGE 10Kg/cm ²	18"	2	2,311.0	715			
VCC 220-1-18	3,060	2,600	2,526	2,040														2,384.6	768			
VCC 255-1-18	3,450	2,990	2,916	2,440														2,752.8	842			
VCC 255-1-20	3,094	2,600	2,526	2,040	56	347	386	460	277	219	724	100	200	2 1/8"	4"	6" FLANGE 10Kg/cm ²	20"	2	2,775.6	944		
VCC 295-1-20	3,484	2,990	2,926	2,463					425	246	836					8" FLANGE 10Kg/cm ²			3,204.1	1,036		
VCC 390-1-24	3,042	2,600	2,528	1,600	150	271	500	600	343	333	942	100	100	2 5/8"	4"	8" FLANGE 10Kg/cm ²	24"	2	4,280.6	1,036		
VCC 450-1-24	3,432	2,990	2,918	1,800												4,941.5			1,432			
VCC 400-1-26	2,954	2,490	2,418	1,600	150	282	500	600	394	333	993	100	100	2 5/8"	4"	8" FLANGE 10Kg/cm ²	26"	2	4,860.7	1,581		
VCC 550-1-26	3,454	2,990	2,918	1,800												5,866.6			1,792			
VCC 580-1-28	3,024	2,490	2,418	1,600	150	342	600	700	420	346	1,044	150	150	2 5/8"	4"	8" FLANGE 10Kg/cm ²	28"	2	5,720.7	1,791		
VCC 690-1-28	3,524	2,990	2,918	1,800												6,904.6			2,028			
VCC 660-1-30	3,046	2,490	2,404	1,600	180	353	600	700	420	371	1,096	150	150	3 1/8"	5"	10" FLANGE 10Kg/cm ²	30"	2	6,561.9	2,124		
VCC 720-1-30	3,546	2,990	2,390	1,800												7,920.0			2,389			

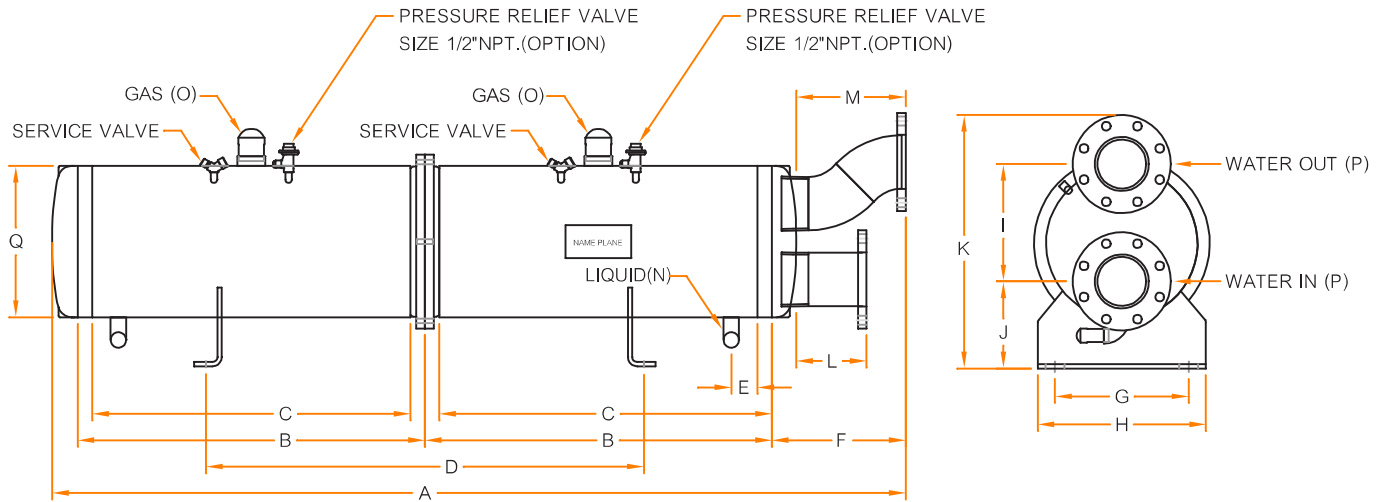
SHELL & TUBE CONDENSER MODEL VCC



SHELL SIZE 4" - 12" (2 CIRCUIT)

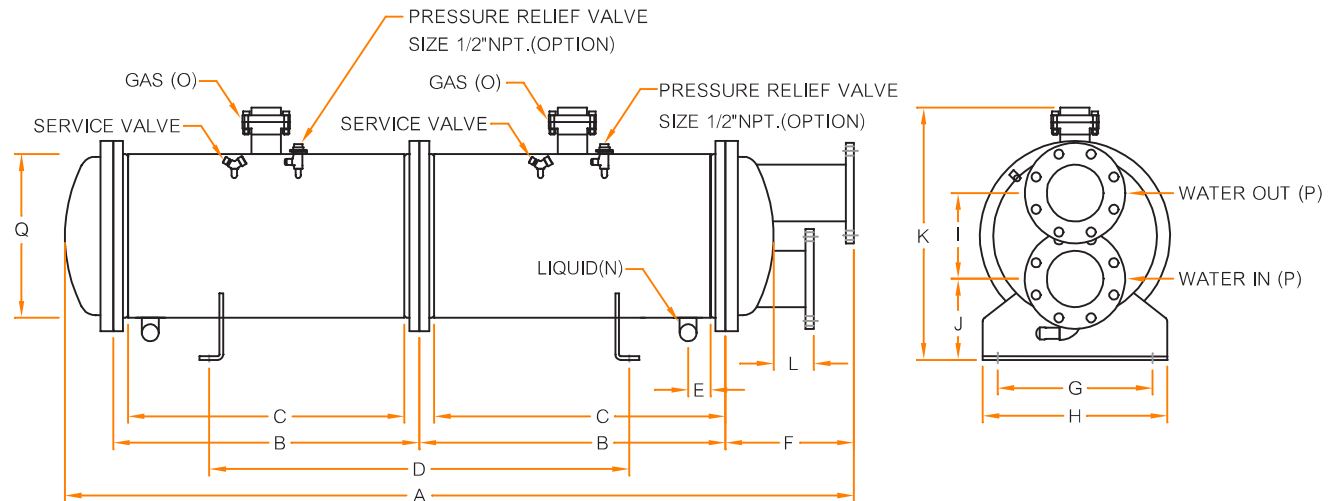
MODEL	DIMENSION (mm)											DIMENSION (inch)				NO. OF PASSES	HEAT SURFACE (ft ²)	WEIGHT (Kg)
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O			
VCC 007-2-06	904	402	362	510	56	32	180	250	96	131	333	3/4"	7/8"	1 1/4" BSP MALE THREND	6 1/2"	4	78.4	70
VCC 010-2-06	1,244	590	532	810													115.3	83
VCC 012-2-06	1,444	690	632	1,116													136.9	91
VCC 015-2-06	1,764	850	792	1,136													171.6	104
VCC 012-2-08	881	390	332	560	56	51	236	310	90	159	384	7/8"	1 1/8"	2" BSP MALE THREND	8 1/2"	4	123.3	110
VCC 015-2-08	1,081	490	432	680													160.5	122
VCC 020-2-08	1,361	630	572	791													212.5	140
VCC 025-2-08	1,681	790	732	1,016													271.9	160
VCC 030-2-08	2,081	990	932	1,473	56	45	286	360	128	170	428	1 1/8"	1 5/8"	3" BSP MALE THREND	10 1/2"	2	346.2	185
VCC 020-2-10	990	450	392	510													227.5	159
VCC 025-2-10	1,150	530	472	791													273.9	171
VCC 030-2-10	1,390	650	592	731													343.6	188
VCC 040-2-10	1,790	850	792	1,136	56	70	286	360	164	185	489	1 1/8"	2 1/8"	3" BSP MALE THREND	12 1/2"	2	459.6	218
VCC 050-2-10	2,070	990	932	1,473													540.9	238
VCC 050-2-12	1,505	690	628	840													577.1	273
VCC 060-2-12	1,785	830	768	1,016													704.9	300

SHELL & TUBE CONDENSER MODEL VCC



SHELL SIZE 12"-14" (2 CIRCUIT)

MODEL	DIMENSION (mm)														DIMENSION (inch)				NO. OF PASSES	HEAT SURFACE (ft ²)	WEIGHT (Kg)
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q				
VCC 080-2-12	2,538	1,090	1,028	1,673	56	303	286	360	251	186	542	150	251	1 1/8"	2 1/8"	4" FLANGE 10K/gcm ³	12 1/2"	2	942.3	352	
VCC 100-2-12	3,038	1,340	1,278	2,093															1,170.6	402	
VCC 120-1-14	2,784	1,190	1,128	1,473	56	359	346	420	282	198	605	200	314	1 5/8"	2 1/8"	5" FLANGE 10K/gcm ³	14"	2	1,309.3	475	
VCC 140-1-14	3,184	1,390	1,328	1,578															1,541.4	527	



SHELL SIZE 16" (2 CIRCUIT)

MODEL	DIMENSION (mm)														DIMENSION (inch)				NO. OF PASSES	HEAT SURFACE (ft ²)	WEIGHT (Kg)
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q				
VCC 150-2-16	2,820	1,190	1,116	1,473	56	320	386	460	214	202	629	100	200	1 5/8"	2 5/8"	4"	16"	2	1,780.6	723	
VCC 190-2-16	3,420	1,490	1,416	1,778															2,254.2	821	