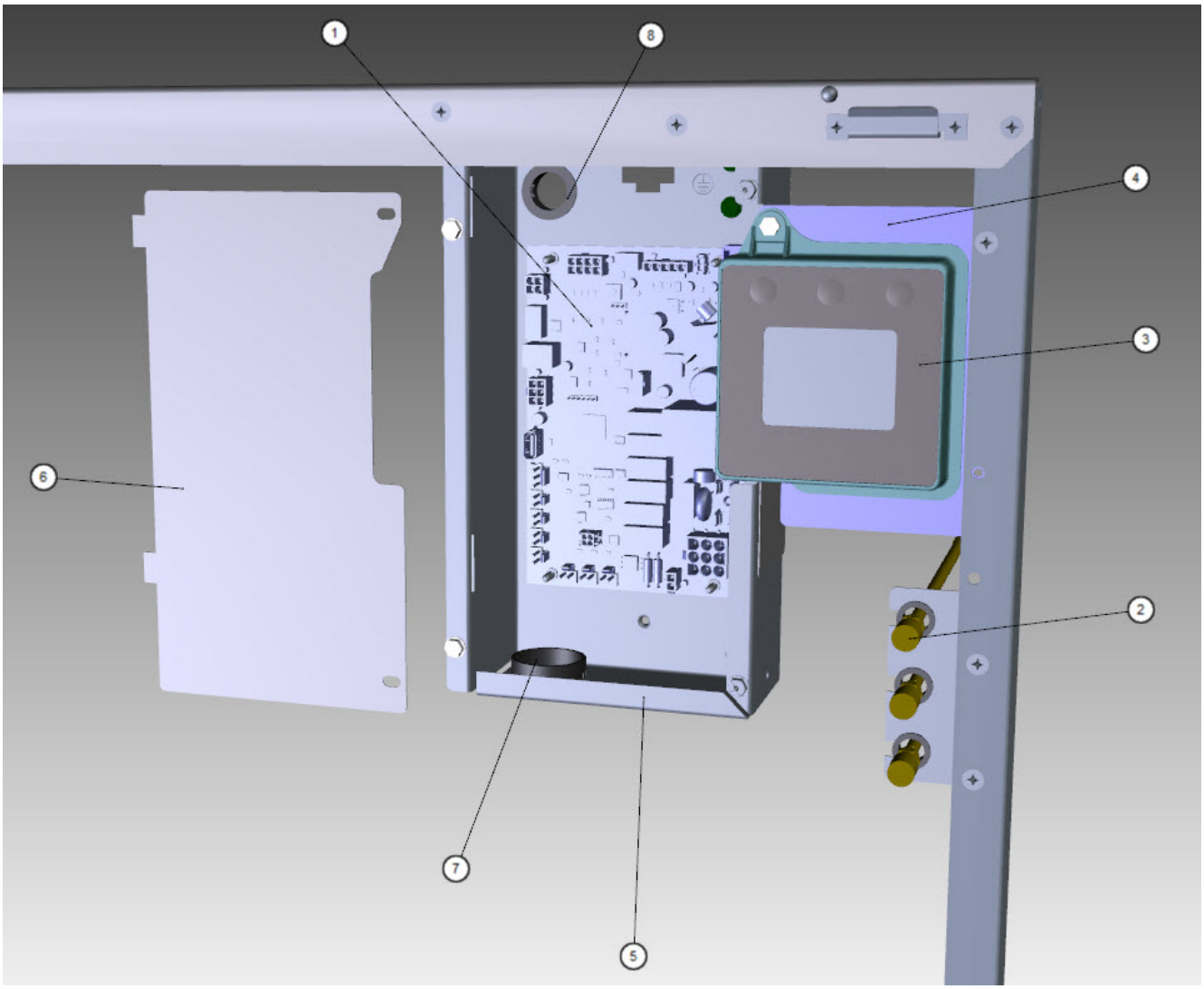
iT1830C Indigo NXT, CVDT1800

iT1830C - Control Box



iT1830C Indigo NXT, CVDT1800

iT1830C - Control Box

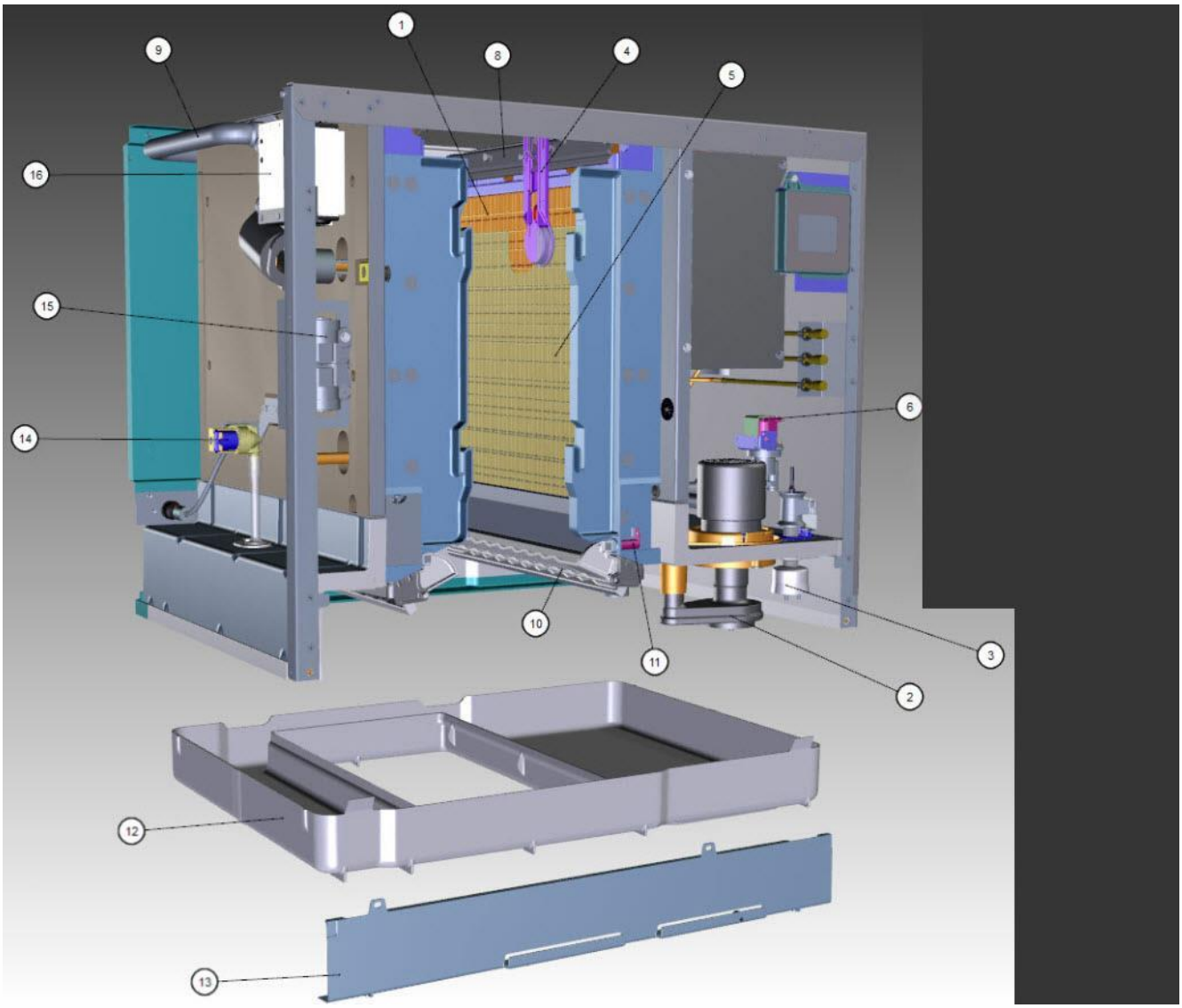
#	PART #	DESCRIPTION	QTY	Note
1	000015208	Control Board - USE UP on IF, IT or IBF Only		[1]
1a	000015009	Ceramic Fuse - 6.3A		
2	8373263	Access Valve - 7.25" L		
2a	7626843	Valve Cores		
2b	000008049	Refrigeration Service Valve Bracket		
2c	2502189	Bushing - 0.625"		
2d	5202099	Screw - #10-24 x 0.5" PHIL		
3	000013938	Touch Screen Housing Assembly - Duals/Marine/Prison		
4	000014722	Mounting Bracket - Touch Screen Housing		
5	000014714	Control Box		
6	000014715	Control Box Cover		
7	2500139	Bushing - 1.5"		
8	2500029	Bushing - 1.125" OD x 0.75" ID		
9	4302253	Control Board Mounting Supports		
10	5202169	Screw - #10-24 x 0.5" Ground		
11	5573209	Star Washer		
12	000009033	Refrigeration Compartment Wiring Harness		
13		Control Box Wiring Harness		
13a	000008464	Control Box Wiring Harness - 115V/60 Hz/1 Ph		
13b	000008465	Control Box Wiring Harness - 230V/50 Hz/1 Ph		
14	000018554	BLE Module		
15	000018540	Screw - #10-24 x 0.75" T-23		

PART NOTES:

[1] - Used on IndigoNXT Models - IF, IT IBF, IBT Only

iT1830C Indigo NXT, CVDT1800

iT1830C - Evaporator Compartment



iT1830C Indigo NXT, CVDT1800

iT1830C - Evaporator Compartment

#	PART #	DESCRIPTION	QTY	Note
1		Evaporator Assembly		
1a	000005983	Evaporator - Dice Cube		
1b	000005982	Evaporator - Half Dice Cube		
2		Water Pump		
2a	000013435	Water Pump - 115V/60 Hz		[1]
2b	000013434	Water Pump - 230V/50-60 Hz		[1]
3	000016053	Water Level Probe		[2]
3a	000007053	Water Level Probe - Holder		
3b	000008027	Mounting Bracket Plastic		
3c	000013102	Mounting Bracket Metal		
3d	000007724	Wire - Control Box to Water Level Probe		[3]
3e	5202099	Screw - #10-24 x 0.5" PHIL		[4]
4	000015292	Ice Thickness Control Probe		[5]
5	000015003	Splash Shield Assembly		
6	000014062	Water Dump Valve - 115V/60 Hz		
6a	000014063	Water Dump Valve - 208-230V/50-60 Hz		
6b	000001911	Mounting Bracket - Water Dump Valve		
8	7602193	Water Distribution Tube - 30"		
8a	000001986	Barbed Fitting		
8b	5650609	Snap Clamp - 1.0" ID		[6]
8c	5650539	Snap Clamp - 1.123" x 1.296"		[7]
8d	4014693	Fitting		[8]
8e	000013064	Fitting Bracket		
8f	5004649	O-Rings - 0.675"		
9	000001117	Molded Vinyl Tube		[9]
9a	000001155	Molded Vinyl Tube		[10]
10	000002056	Ice Damper Assembly		
11	000001756	Magnetic Bin Switch		
11a	000014039	Bin Switch Wiring Hanress		
11b	000001421	Bin Switch Covers		
12	000014343	Water Trough - Dual		
13	000017380	Front Panel Mount - Hinged Panel Only		
13a	5000013	Thumbscrew - #8-32 x 0.375"		
14	000009123	Water Inlet Valve - 115V/60 Hz/1 Ph		[11]
14a	000009122	Water Inlet Valve - 208-230V/50-60 Hz		[11]
15	000007222	Air Assist - 115V		
15a	000007223	Air Assist - 230V		
16	K00454	LuminIce II - Bulb		
17	5004799	Thumbscrew SS - #8-32 x 0.375"		[12]
17a	5004629	O-Ring - 0.125" ID		
18	5012319	Screw - #12-16 x 0.75"		
19	000008028	Water Pump Mount		
20	5004659	Water Pump Base O-Ring - 4.00" ID		
21	5004679	Water Pump Outlet O-Ring - 0.875" ID		
22	5202069	Screw - #10-24 x 0.5" HEX		[13]
23	000002476	Washer		[13]

iT1830C Indigo NXT, CVDT1800

iT1830C - Evaporator Compartment

#	PART #	DESCRIPTION	QTY	Note
24	000002176	Evaporator Top Filler Covers		
25	000002307	Evaporator Right/Left Filler Panels		
26	000002786	Evaporator Top Frame Assembly		[14]
27	000002787	Evaporator Bottom Frame Assembly		
27a	5429139	Hex Nut - #8-32 Brass		
27b	000001416	Evaporator Bottom Frame Covers		

PART NOTES:

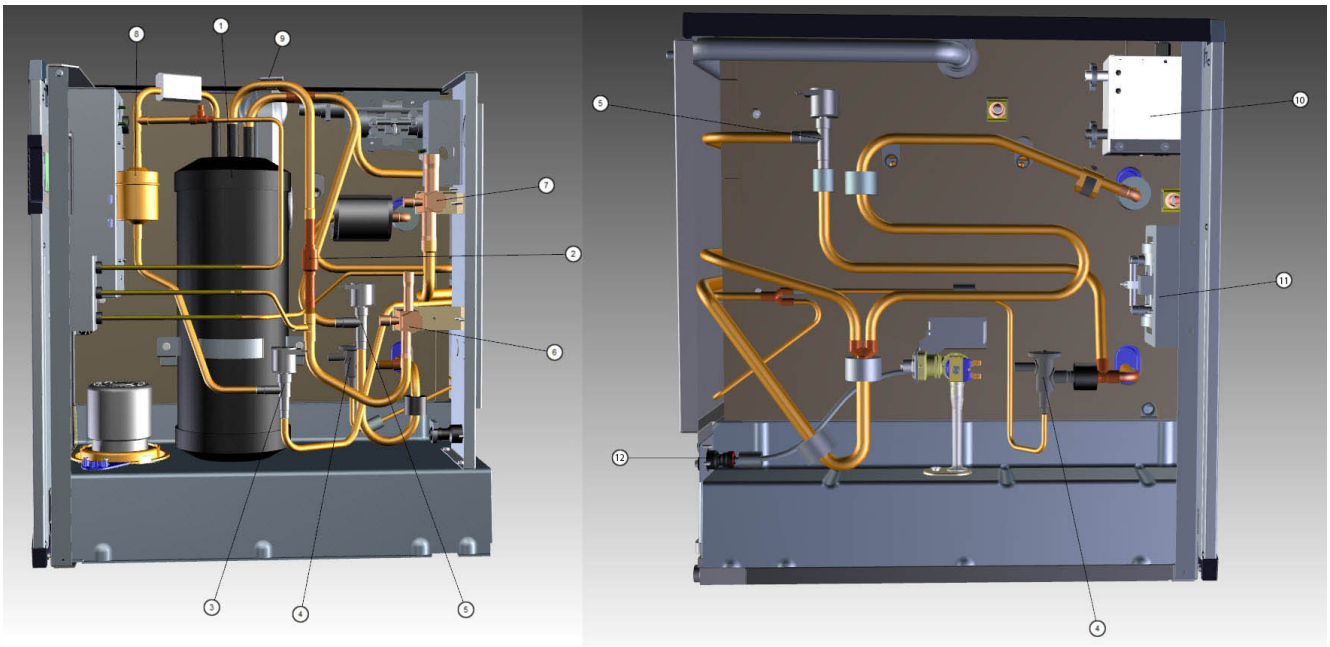
[1] - Includes water pump and o-rings.
[2] - Includes probe and wire.
[3] - No Longer Available - must order Water Level Probe for new wire
[4] - to mount water level probe holder
[5] - Includes ice thickness probe, clip and washer.
[6] - for barbed fitting
[7] - vinyl tubes to distribution tubes
[8] - through bulkhead
[9] - to Left Hand Distribution Tube
[10] - to Right Hand Distribution Tube
[11] - 0.78 gpm

Includes water valve inlet, bracket, screws, adapter, 0.375-18 NPT brass connector and locking clip.

[12] - Water Distribution Tube Mounting
[13] - water pump to pump mount
[14] - Includes top frame disks and hex nuts.

iT1830C Indigo NXT, CVDT1800

iT1830C - Refrigeration Compartment



iT1830C Indigo NXT, CVDT1800

iT1830C - Refrigeration Compartment

#	PART #	DESCRIPTION	QTY	Note
1	7629593	Receiver		
1a	000001779	Bottom Bracket - Receiver		[1]
1b	000001780	Top Bracket - Receiver		[2]
1c	6307214	Mounting Strap - Receiver		
2	8373159	Magni-Check Valve - 0.625"		
3		Liquid Line Solenoid Valve		
3a	000007027	Solenoid Valve 0.375" x 0.375" Including 115V/60 Hz Electrical Coil		[3]
3b	000005156	Solenoid Valve Coil Only - 115V/60 Hz		
3c	000007026	Solenoid Valve 0.375" x 0.375" Including 208-230V/50-60 Hz Electrical Coil		[3]
3d	000005157	Solenoid Valve Coil Only - 230V/50-60 Hz		
4	000017818	Expansion Valve		
4a	4000403	Insulation Boot - Valve Body		
4b	4000923	Insulation Boot - Bulb		
5		Harvest Valve		
5a	000007016	Solenoid Valve 0.5" x 0.5" Including 115V/60 Hz Electrical Coil		[4]
5b	000005156	Solenoid Valve Coil Only - 115V/60 Hz		
5c	000007015	Solenoid Valve 0.5" x 0.5" Including 208-230V/50-60 Hz Electrical Coil		[4]
5d	000005157	Solenoid Valve Coil Only - 230V/50-60 Hz		
6	8373273	Manual Shut-off Valve - 0.5"		
6a	6036721	Bracket - Valve		
6b	8373023	Valve Cap		
6c	4007403	Valve Insulation Boot - Body		
7	8373283	Manual Shut-off Valve - 0.75"		
7a	000013061	Bracket - Valve		
7b	8373023	Valve Cap		
7c	4007403	Valve Insulation Boot - Body		
8	8930279	Drier without Access Port - 0.375"		
9	000015573	Thermistor with Spring Clips		
10	K00454	LuminIce II - Bulb		
10a	000014037	Wiring Harness - LuminIce II		
11		Air Pumps		
11a	000007222	Air Assist - 115V		
11b	000007223	Air Assist - 230V		
11c	4011739	Air Manifold		[5]
11d	000006489	Air Assist Bracket		
11e	4420883	Vinyl Tubing - 0.25" ID		
11f	9002593	Tubing, Clear PVC – 0.125” ID x 0.25” OD		
12	8706093	Female Wing Adapter - Brass - 0.375"		[6]
13	1360961	Male Connector - 0.375"		
14	8706083	Female Wing Adapter - Brass - 0.5"		
15	000002340	Water Drain Tubing		
16	5650709	Snap Clamp - 0.8" x 0.9" ID		
17	5650529	Clamp - Expansion Valve Bulb		
18	3000503	Strap - Expansion Valve Bulb - 0.5"		

iT1830C Indigo NXT, CVDT1800

iT1830C - Refrigeration Compartment

#	PART #	DESCRIPTION	QTY	Note
19	5202069	Screw - #10-24 x 0.5" HEX		
20	4010439	Tubing - Water Inlet Valve		
21	000002250	Mylar Shield - Water Inlet Valve		
22	4420291	Tygon Tube - 0.25" OD		
23	4420883	Vinyl Tubing - 0.25" ID		
24	5000013	Thumbscrew - #8-32 x 0.375"		
25	000002466	Screw - #10-24 x 0.312"		
26	000011604	Plug - Float Hole		
27	K00166	S-Trap 0.75"		

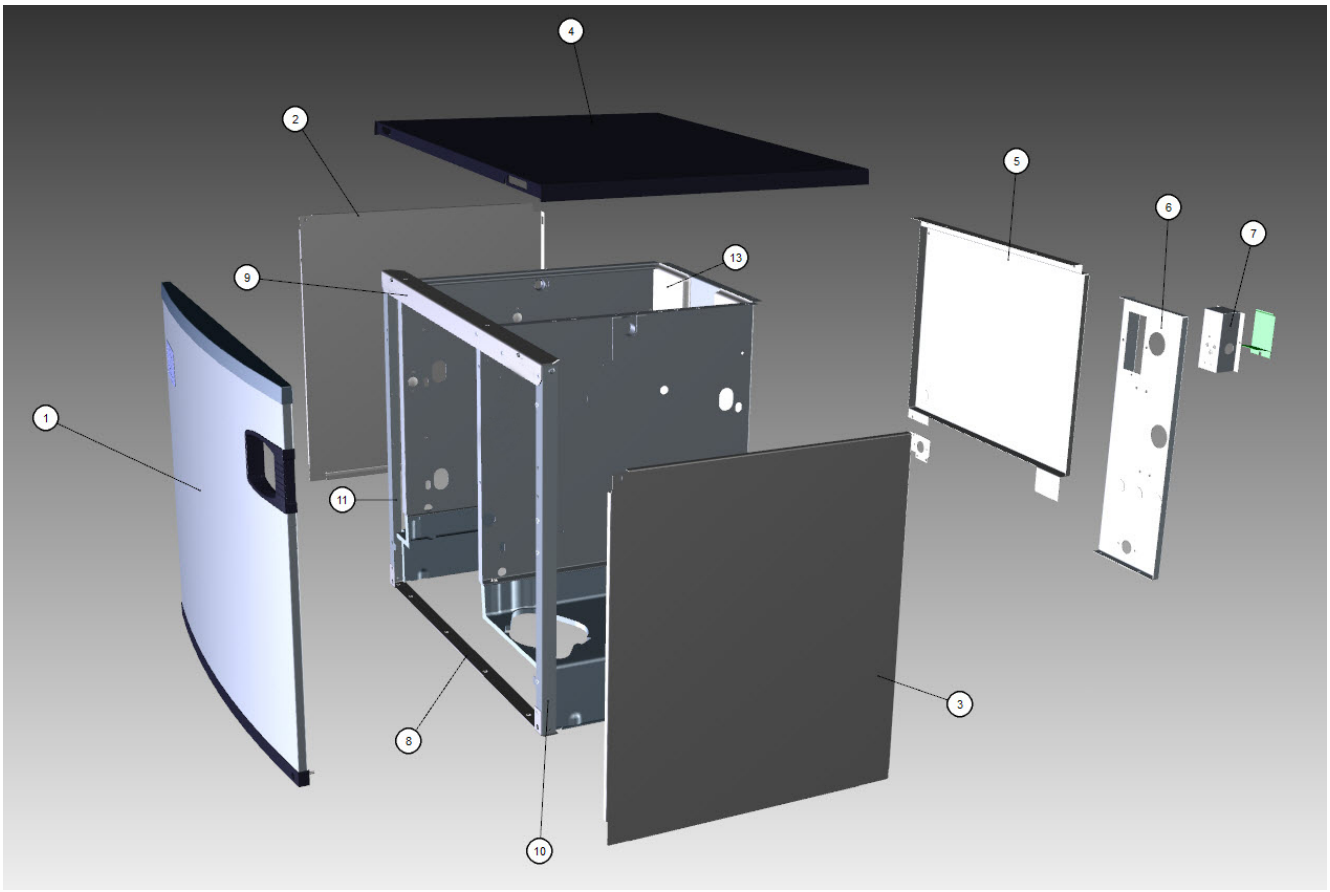
PART NOTES:

[1] - bottom
[2] - top
[3] - Without Screen
[4] - With Screen
[5] - air pump tubing outlet
[6] - Brass

If replacing a nylon fitting you must order 1360961

iT1830C Indigo NXT, CVDT1800

iT1830C - Panels



iT1830C Indigo NXT, CVDT1800

iT1830C - Panels

#	PART #	DESCRIPTION	QTY	Note
1	000017660	Front Panel Assembly - 29.5" - Hinged		
1a	000006538	Front Panel Top Endcap - Hinged		
1b	000006539	Front Panel Bottom Endcap - Hinged		
1c	000008023	Screw - #8-32 x 0.875" - Top	1	
1d	000009261	Screw - #8-32 x 1.0" - Bottom	1	
1e	000017434	Captive Nut - fits Top & Bottom Screws	1	
1f	000009024	Foam Tape - 0.375" x 0.375" x 12.0"		[1]
2	000013101	Left Side Panel		
3	000013100	Right Side Panel		
4	000006699	Top Cover		
5	000013099	Back Panel		
6	000008147	Coupling Panel		
7	6063989	Electrical Connection Box - 60 Hz		
7a	000013057	Cover - Electrical Connection Box - 60 Hz		
7b	000013115	Electrical Connection Box - 50 Hz		
7c	000013116	Cover - Electrical Connection Box - 50 Hz		
7d	5202069	Screw - #10-24 x 0.5" HEX		
8	000017379	Bottom Front Support - Mounts Hinged Panel		
8a	5005099	Screw - #10-16 x 0.625"		
9	000017381	Top Front Support - Mounts Hinged Panel		
9a	5202099	Screw - #10-24 x 0.5" PHIL		
10	000017383	Front Post - Right - 29.5" - Mounts Hinged Panel		
11	000017378	Front Post - Left - 29.5" - Mounts Hinged Panel		
13	5000373	Screw - #10-24 x 0.5" PHIL		
14	000002288	Spacer Screw #10 x 0.25" - Top Cover		
15	000008023	Screw - #8-32 x 0.875"		
16	7112429	Cartoning		
17	000006564	LCD Frame without Key Guard		

PART NOTES:

[1] - Priced per foot. Must order 25 feet.