

POOL DATA			
LENGTH			45'-6"
WIDTH			20'-0"
AREA			910 SF
PERIMETER			131 lin. ft
MIN. DEPTH			3'
MAX. DEPTH			4'-6"
VOLUME			24,100 GAL
RECIRC. RATE			.375 GPM/SF
TURN OVER RATE			3 HOURS
BATHER LOAD			30 PERSONS
FILTRATION			
ITEM	MFGR	PART #	DESCRIPTION
1. FILTER PUMP	JANDY	SHPF3.0	3 HP, 150 GPM @ 50 TDH, SELF PRIMING 230 15 AMPS
1. HAIR AND LINT STRAINER	JANDY		5" W/ BASKET ON PUMP
1. FILTER	JANDY	SV580	CARTRIDGE, 580 S.F., 150GPM W/AIR RELIEF VALVE, NSF APPROVED
1. GAUGE(s) - VACUUM			
1. GAUGE(s) - PRESSURE			
1. FLOWMETER	BLUE WHITE	F30300P	2.5" FACE, 0-60 PSI
1. CHLORINE FEEDER	STENNER	85M2	3" 80-300 GPM RANGE
1. PH FEEDER	STENNER	45M2	17 GAL. PER DAY
1. CROCK	RUBBERMAID		10 GAL. PER DAY
1. COLLECTOR TANK	COLLECTOR TANK	FIBERGLASS	30 GAL + 30 GAL (CROCKS SHARED W/ SPA)
1. HEATER	JANDY	EE3000T-R	150 GAL, WITH LOCKABLE LID AND AUTO-FILL
1. THERMOMETER	JANDY	GA	HEAT PUMP
			400,000 BTU LP GAS HEATER
			2" FACE THERMOMETER 32 TO 248 F

MATERIAL USED IN HEATER IS NON-TOXIC AND ACCEPTABLE FOR POTABLE WATER USE			
POOL FITTINGS AND DRAINS			
ITEM	MFGR	PART #	DESCRIPTION
1. SKIMMER	HAYWARD	SP1071	N.S.F. APPROVED
1. INLET FITTINGS	PENTAIR	SP-1419D	1-1/2" ADJUSTABLE (DIRECTIONAL) WALL INLETS
1. VACUUM FITTING	HAYWARD	W-400	1-1/2" SOCKET WITH SPRING LOADED SAFETY COVER
1. MAIN DRAIN (S)	LAWSON AQUATICS	MLD-SG1212WT	1.5 FPS VEL. MAX COVER OPEN AREA 81.3
1. HYDROSTATIC RELIEF VALVE	HAYWARD	SP-1056	
1. COLLECTOR TUBE	HAYWARD	SP-1055	
1. LIGHT	JANDY	WPLV300WS100	300W 12V, UNDERWATER REMOVABLE
1. LIGHT NICHE	JANDY	782105	LARGE UNDERWATER LIGHT NICHE
1. TRANSFORMER	JANDY	PX-300	300 WATT TRANSFORMER
1. JUNCTION BOX		JBP75175	
K AND OTHER EQUIPMENT			
ITEM	MFGR	PART #	DESCRIPTION
1. LADDER AND RAIL	S.R. SMITH		STAINLESS STEEL - 3 BEND
1. LADDER	S.R. SMITH		STAINLESS STEEL W/ CROSS BRACE
1. E HOOK	RAINBOW PLASTICS	153R	ANODIZED ALUMINUM DOUBLE LOOPED
1. E RING	A.J. GIAMMANCO		ST. STL W/ 16" ALUMINUM POLE
1. E PLATE	CAL-JUNE INC	JBW24	24" DIAMETER
1. VACUUM CLEANER	RAINBOW PLASTICS	250	1/2" NYLON, 50' LENGTH
1. BRUSH	RAINBOW PLASTICS	A&B	4-WHEEL W/ 18" HEAD AND 40' OF HOSE
1. KIT	TAYLOR	2005-K	18" W/ CURVED ENDS
			FAC, TAC, Ph, CH, CYA, AND TA TEST CAPABILITIES

PUMP AND HYDRAULICS			
PIPE	SIZE	FLOW (GPM)	VEL (FPS)
1. MAIN (GRAVITY)	3"	150	6.81
1. R	6"	150	1.70
1. SCTION FR. TANK	2-1/2"	90.0 GPM @ 60%	5.88
	4"	150	3.83

MAX. HEIGHT OF LADDER	40"
PAVERS	
ESCUICHEON PLATE	
ANCHOR SOCKET	
#6 WIRE GROUND TO POOL STEEL	
LADDER AND HANDRAIL TO BE INSTALLED WITH DECK ANCHORS GROUND TO POOL STEEL WITH BRASS GROUND LUGS	
RUBBER BUMPER	
LADDER TREADS MUST BE SLIP RESISTANT	

150 GAL. TANK	
WATER LEVEL IN TANK	
STATIC WATER LEVEL	
DRAIN WITH AIR GAP PRIOR TO DISPOSAL	
MAIN DRAIN GRAVITY	
RECIRC PUMP SUCTION	

3" MAXIMUM DIFFERENCE FROM DEPTH MARKER SHOWN AND ACTUAL DEPTH	
SLOPE 3" MAX BOTH SIDES	

6" CERAMIC TILE	
WATERLINE	
MAIN DRAIN	

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