

894 ROBERT BOULEVARD
SLIDELL, LOUISIANA 70458
PH: 985-643-2427
FAX: 985-643-2691
ROTOLO@ROTOLOCONSULTANTS.COM

APARTMENT HOMES BY TONTI
PATIO VILLA POOL RENOVATION
3340 NORTH ARNOULT ROAD, METAIRIE, LA

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Contact: Rod Rotolo 985-643-2427
Project No:

Revisions:		
No.	Date	Description
REV 1	6/14/16	COMMENT LTR REVS.
REV 2	8/8/2016	COMMENT LTR REVS.

Date: 3/30/2016
Drawn: TJH
Checked: MR
Sheet Title:

EQUIPMENT DATA & PIPING SCHEMATIC

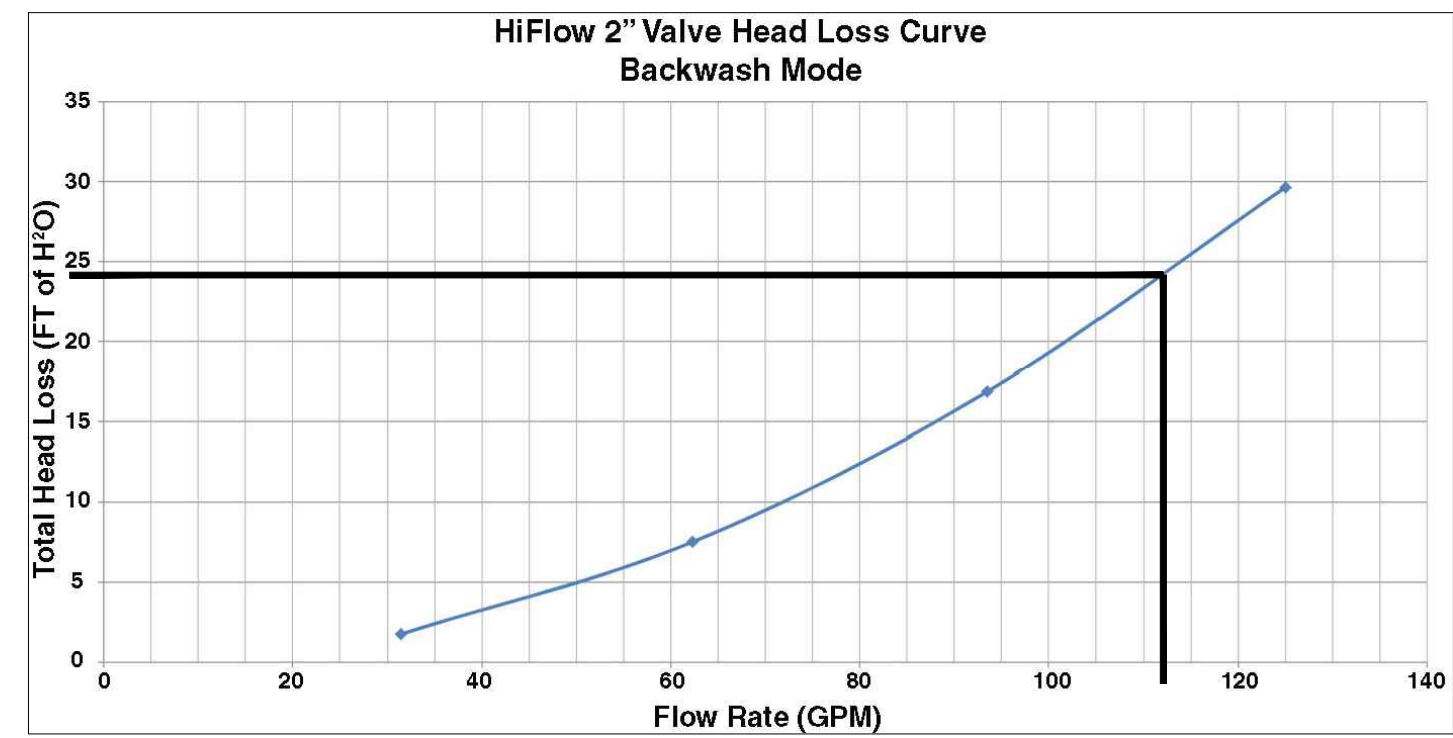
Drawing No.

PL-1.4

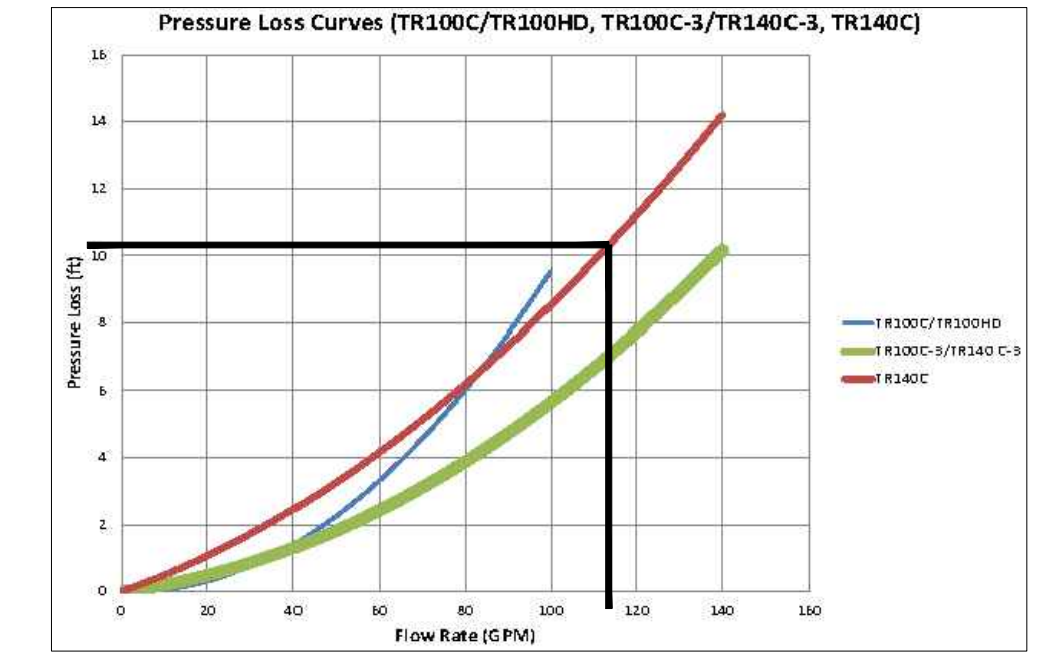
Sheet No.
7 of 7

POOL EQUIPMENT LEGEND

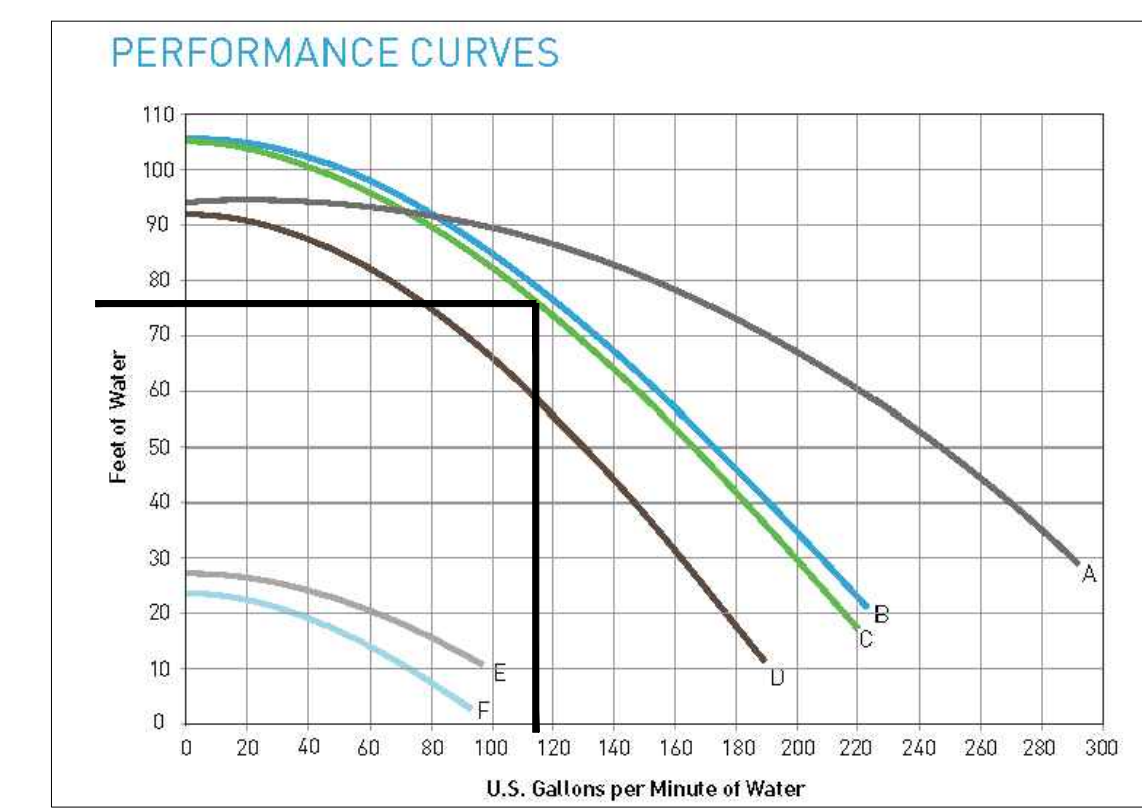
QTY	DESCRIPTION
1	TR140 C SAND FILTER BY PENTAIR
1	WHISPERFLO XF HIGH STANDARD 3HP PUMP
1	HI-FLO MULTI-PORT VALVE (TO ACCEPT 3" PIPING)
2	9" MAIN DRAIN SUMP AND GRATE ASSEMBLY
2	3.0" BLUE-WHITE IMPACT FLOW METER (ONE FOR DECK JETS AND ONE FOR POOL RETURNS)
6	SP1419D HAYWARD 3/4" DIRECTIONAL EYEBALL
8	HAY-25-1504 SP1022S INLET SLIP FITTING
2	STA-RITE ADJUSTABLE FLOOR INLET RETURN ASSEMBLY (WHITE)
2	HAY-25-1507 SP1026 GRATE INSERT (FOR SKIMMER EQ LINES)
1	HAY-25-1500 SP1019 GUTTER DRAIN (FOR OVERFLOW INLET)
1	POOL MISER AUTO WATER LEVELER
4	JANDY DECK JETS
2	UNDERWATER POOL LIGHT LED COLOR - 120V - 150" CORD W/ S.S. LIGHT NICHE
1	PRESSURE GAUGE WITH SNUBBER AND GAUGE COCK
1	VACUUM GAUGE WITH SNUBBER AND GAUGE COCK
8	TRUE-UNION BALL VALVES
	SCH 40 PVC PIPE FOR ALL SUCTION, RETURN, AND EQUIPMENT ROOM PIPING
1	CUSTOM 1.90" O.D. HANDRAIL DMS-102 DECK MOUNTED
1	TAYLOR TEST KIT K-2006 (DPD METHOD OF TESTING FOR CHLORINE RESIDUALS)
4	4" 1.50" WEDGE ANCHORS FOR HANDRAIL
4	1.90" O.D. ESCUTCHEONS FOR HANDRAIL
	1"X1" WATERLINE TILE (SEE HARDSCAPE PLAN FOR COLOR AND STYLE)
	2X2 KEYSTONE TILE FOR STEPS AND UNDERWATER BENCHES (SEE HARDSCAPE PLAN)
	6X6 DEPTH MARKERS, 4" BLACK LETTERING ON WHITE BACKGROUND (SLIP RESISTANT FINISH)
	6X6 INTERNATIONAL "NO DIVING" SYMBOL
	WHITE PLASTER



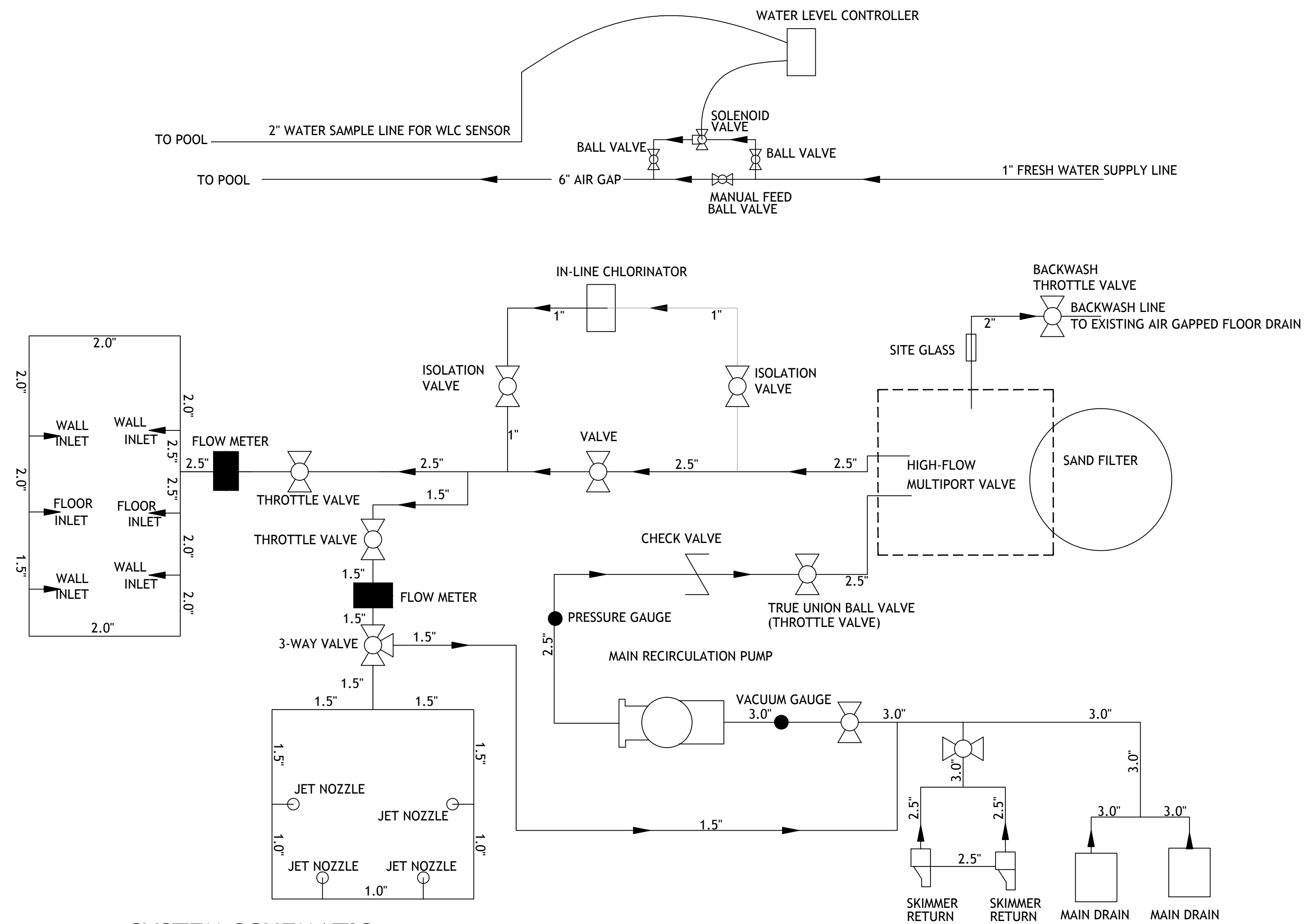
02 HI-FLO VALVE HEADLOSS CURVE
PL-1.4 SCALE: NOT TO SCALE



03 SAND FILTER PERFORMANCE CURVE
PL-1.4 SCALE: NOT TO SCALE



04 RECIRCULATION PUMP PERFORMANCE CURVE
PL-1.4 SCALE: NOT TO SCALE



01 SYSTEM SCHEMATIC
PL-1.4 SCALE: NOT TO SCALE

CAUTION: Do not insert feeder into copper plumbing. Pipe damage could occur. Never install feeder before backwash. Heater damage could occur.

400-DM CHLORINE/BROMINE FEEDER PARTS BREAK DOWN DRAWING

ITEM NO.	PART NO.	DESCRIPTION
1	400-DM-01	Feeder Body
2	400-DM-02	Feeder Cap
3	400-DM-03	Feeder Gasket
4	400-DM-04	Feeder O-Ring
5	400-DM-05	Feeder Pin
6	400-DM-06	Feeder Nut
7	400-DM-07	Feeder Washer
8	400-DM-08	Feeder Bolt
9	400-DM-09	Feeder Seal
10	400-DM-10	Feeder Spring
11	400-DM-11	Feeder Pin
12	400-DM-12	Feeder Nut
13	400-DM-13	Feeder Washer
14	400-DM-14	Feeder Bolt
15	400-DM-15	Feeder Seal
16	400-DM-16	Feeder Spring
17	400-DM-17	Feeder Pin
18	400-DM-18	Feeder Nut
19	400-DM-19	Feeder Washer
20	400-DM-20	Feeder Bolt

OPTIONAL FLOW INDICATOR KIT INSTALLATION

OPTIONAL FLOW INDICATOR KIT INSTALLATION

YOU MAY SUBSTITUTE BROMINE TABLETS OR STICKS FOR TRICHLORIN IN THIS FEEDER. DO NOT MIX. CALCIUM HYPOCHLORITE IS NOT TO BE USED IN ANY FORM.

05 RAINBOW CHLORINATOR
PL-1.4 SCALE: NOT TO SCALE

INTELLIBRITE 5G WHITE LED COMMERCIAL WHITE LIGHTING

Available in 100, 150 and 200 watt 120 volt recessed light 5' by 5' recessed light.

Energy Output in Watts

Wattage Output	Beam Angle	Beam Diameter @ 10' (ft)
100 Watts	40°	10.0"
150 Watts	40°	15.0"
200 Watts	40°	20.0"

An Eco Select® Brand Product

LED lighting is the most energy efficient and long-lasting lighting technology available. It is a high-quality, long-lasting, energy-efficient lighting technology. It is a high-quality, long-lasting, energy-efficient lighting technology. It is a high-quality, long-lasting, energy-efficient lighting technology.

ECO Select

PENTAIR

06 UNDERWATER POOL LIGHT
PL-1.4 SCALE: NOT TO SCALE

AQUASTAR 9" SQUARE MOFLOW™ SUCTION OUTLET COVER AND MUD FRAME

VGB Series

FEATURES:

- 9" square suction outlet cover
- 9" square mud frame
- 9" square suction outlet cover
- 9" square mud frame
- 9" square suction outlet cover
- 9" square mud frame

Part # 997000

VGB 3008 CombiBlast

07 MAIN DRAIN SUCTION COVER
PL-1.4 SCALE: NOT TO SCALE