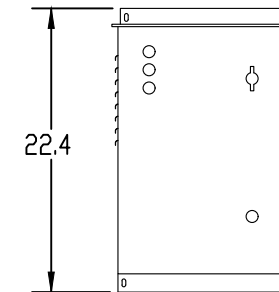
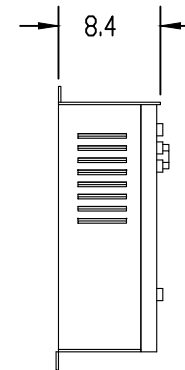
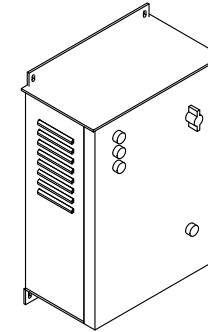
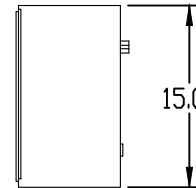


Bill of Materials

Clear Comfort model CCW 300A	1.5 Amp (120V) or 0.75 Amp (240V), 60Hz
Compressor	1.6 Amps (120V) / 0.9 Amps (240V), 60Hz
Diffuser Plate (1)	27.5" x 3.26"
Blue Flexene Air Tubing	15'
Junction Box	Junction Box
Junction Box power cord	8' from junction box to plug
CCW 300A power cord	8' from system to junction box
Flow Switch power cord	15' from flow switch to junction box

Surge Tank Notes

1. Minimize length of air tubing when locating the cabinet and diffuser plate location.
2. Diffuser plate installed near the surge tank inlet and away from the outlet.
3. Follow installation instruction for wiring the junction box.



	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

COMMENTS:

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DO NOT SCALE DRAWING



Clear
Comfort

TITLE:

Surge Tank Installation

SIZE DWG. NO.

REV

A CCW300A

SCALE: 2:1

WEIGHT:

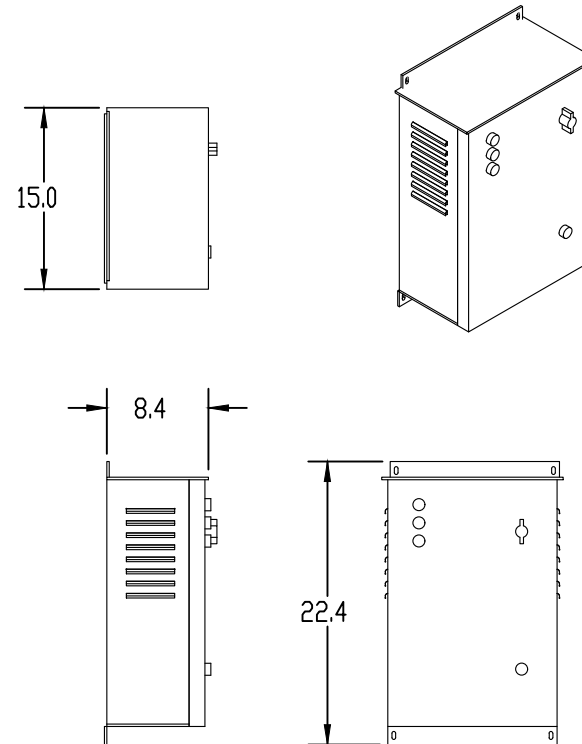
SHEET 2 OF 2

Bill of Materials

Clear Comfort model CCW 300A	1.5 Amp (120V) or 0.75 Amp (240V), 60Hz
Compressor	0.42 Amp (120V) or 0.21 Amp (240V), 60 Hz
1" Diffuser Rod	Confirm pipe diameter for each installation
Flow Switch for interlock	Flow Switch for interlock
Blue Flexene Air Tubing	15'
Check Valve	Check valve
Junction Box	Junction box
1" NPT Tap	1" NPT Tap
1-1/8" Hole Saw	1-1/8" hole saw
Junction Box power cord	8' from junction box to plug
CCW 300A power cord	8' from system to junction box
Flow Switch power cord	15' from flow switch to junction box

Diffuser Rod Notes

1. Minimize length of air tubing when locating the cabinet and diffuser rod locations
2. Diffuser rod installed 3'-5' prior to chemical injection. Diffuser rod installed after any other bypass intakes.
3. Install the flow switch upstream of the diffuser rod.
4. Follow installation instructions for wiring the junction box.



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	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

COMMENTS:



TITLE:

Diffuser Rod Installation

SIZE DWG. NO. REV

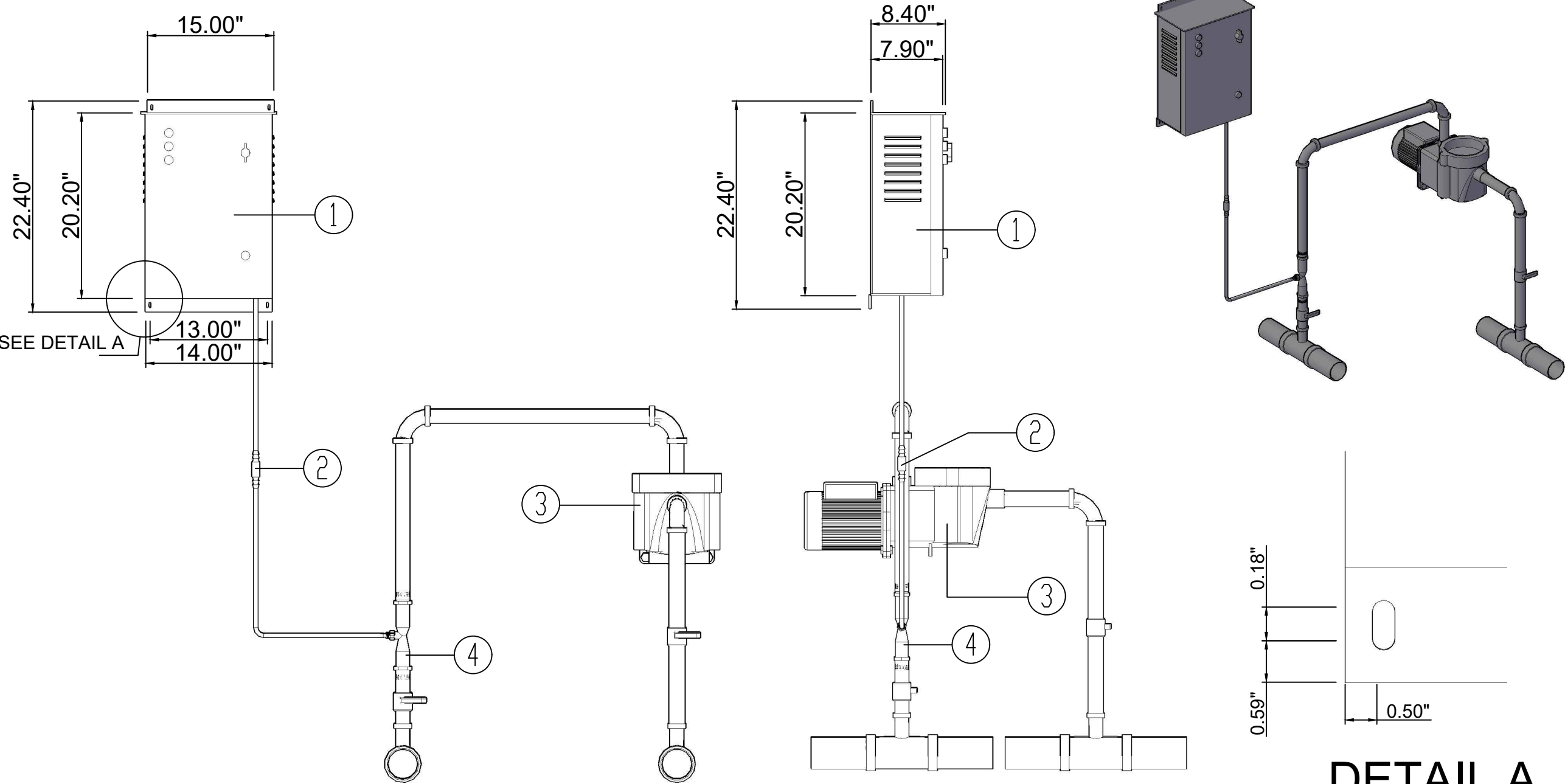
A CCW300A

SCALE: 2:1

WEIGHT:

SHEET 1 OF 2

NOTE: FOR OPTIMAL PERFORMANCE LOCATE VENTURI AS CLOSE AS POSSIBLE TO THE MAIN RETURN LINE
NOTE: MINIMIZE THE LENGTH OF THE FLEX TUBING, LOCATING THE CABINET AS CLOSE TO VENTURI AS POSSIBLE



DETAIL A

	Part Name	Qty.
①	Clear Comfort Unit (Model CCW300A)	1
②	Check Valve	1
③	1 HP Booster Pump (Not Supplied)	1
④	1.5" NPT VENTURI	1

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PROHIBITED.

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

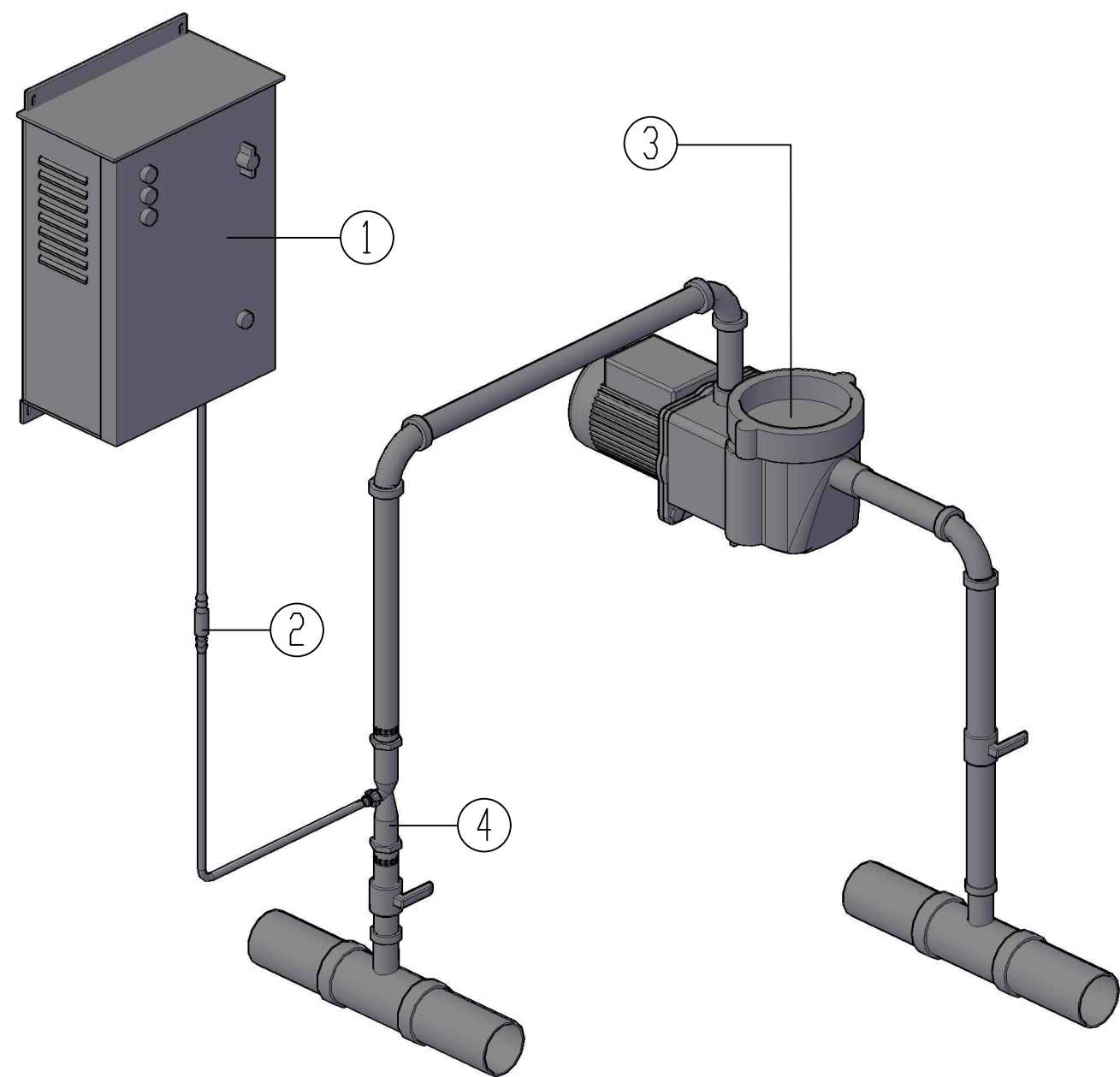
COMMENTS:



TITLE: CCW300A with Bypass

NOTE: FOR OPTIMAL PERFORMANCE LOCATE VENTURI AS CLOSE AS POSSIBLE TO THE MAIN RETURN LINE
NOTE: MINIMIZE THE LENGTH OF THE FLEX TUBING, LOCATING THE CABINET AS CLOSE TO VENTURI AS POSSIBLE

PUBLIC POOL DESIGN DATA		
NO.	DESCRIPTION	POOL
1	SURFACE AREA OF POOL (Sq Ft)	
2	PERIMETER OF POOL (Ft.)	
3	MAXIMUM NUMBER OF BATHERS	
4	VOLUME OF POOL (GAL.)	
5	REQUIRED TURNOVER RATE (HRS)	
6	DESIGN TURNOVER RATE (HRS)	
7	REQUIRED FLOW RATE (BASED ON TOTAL GPM)	
8	DESIGN FLOW RATE (GPM)	



	Part Name	Qty.
①	Clear Comfort Unit (Model CCW300A)	1
②	Check Valve	1
③	1 HP Booster Pump (Not Supplied)	1
④	1.5" NPT VENTURI	1

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PROHIBITED.

	NAME	DATE	 Clear Comfort		
DRAWN					
CHECKED					
ENG APPR.					
MFG APPR.					
Q.A.			TITLE: CCW300A with Bypass		
COMMENTS:					
			SCALE: 1:15	WEIGHT:	SHEET 1 OF 2