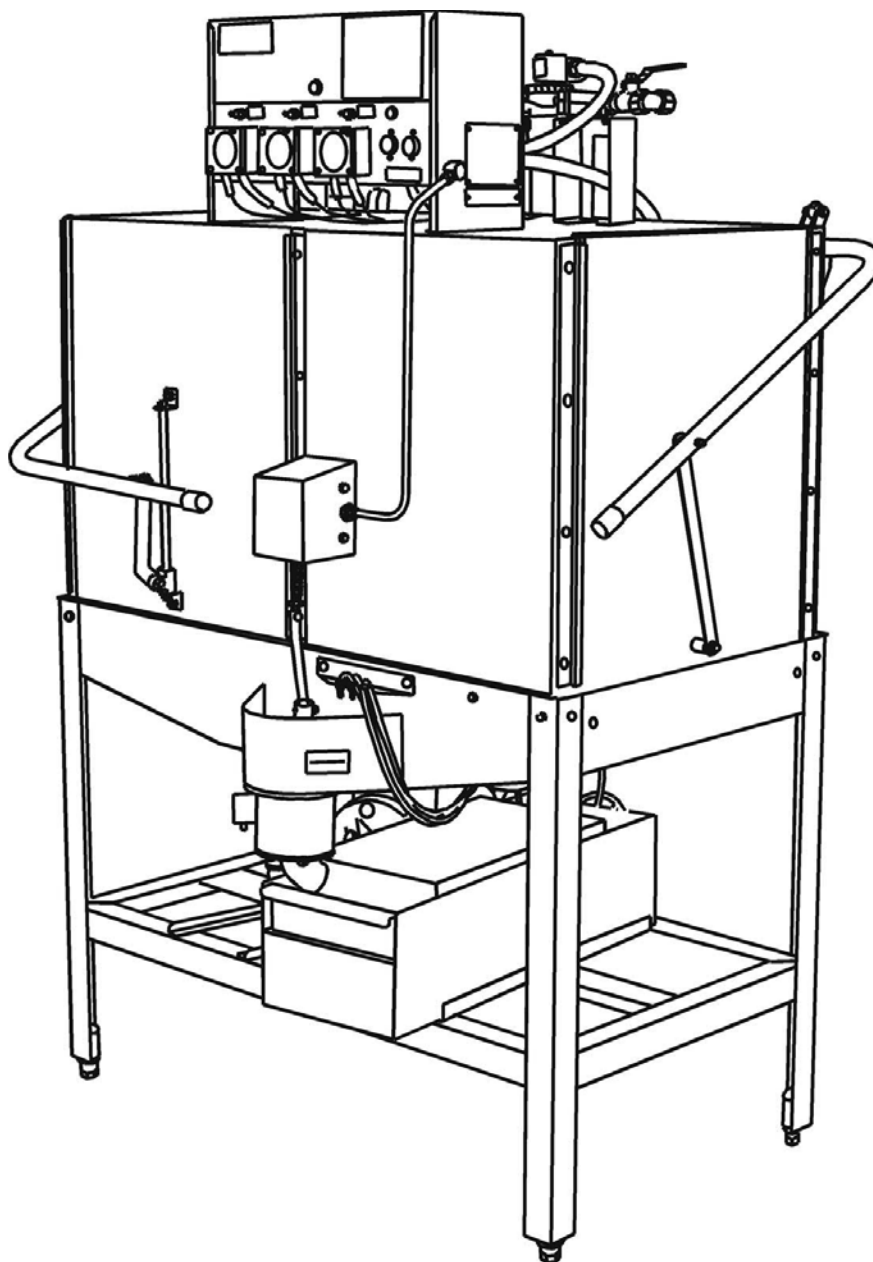


EFFECTIVE: MAY 2008

# ***American Dish Service***

ADS LOW TEMPERATURE DISHWASHER

**MODEL: 5-CD LF/RF**

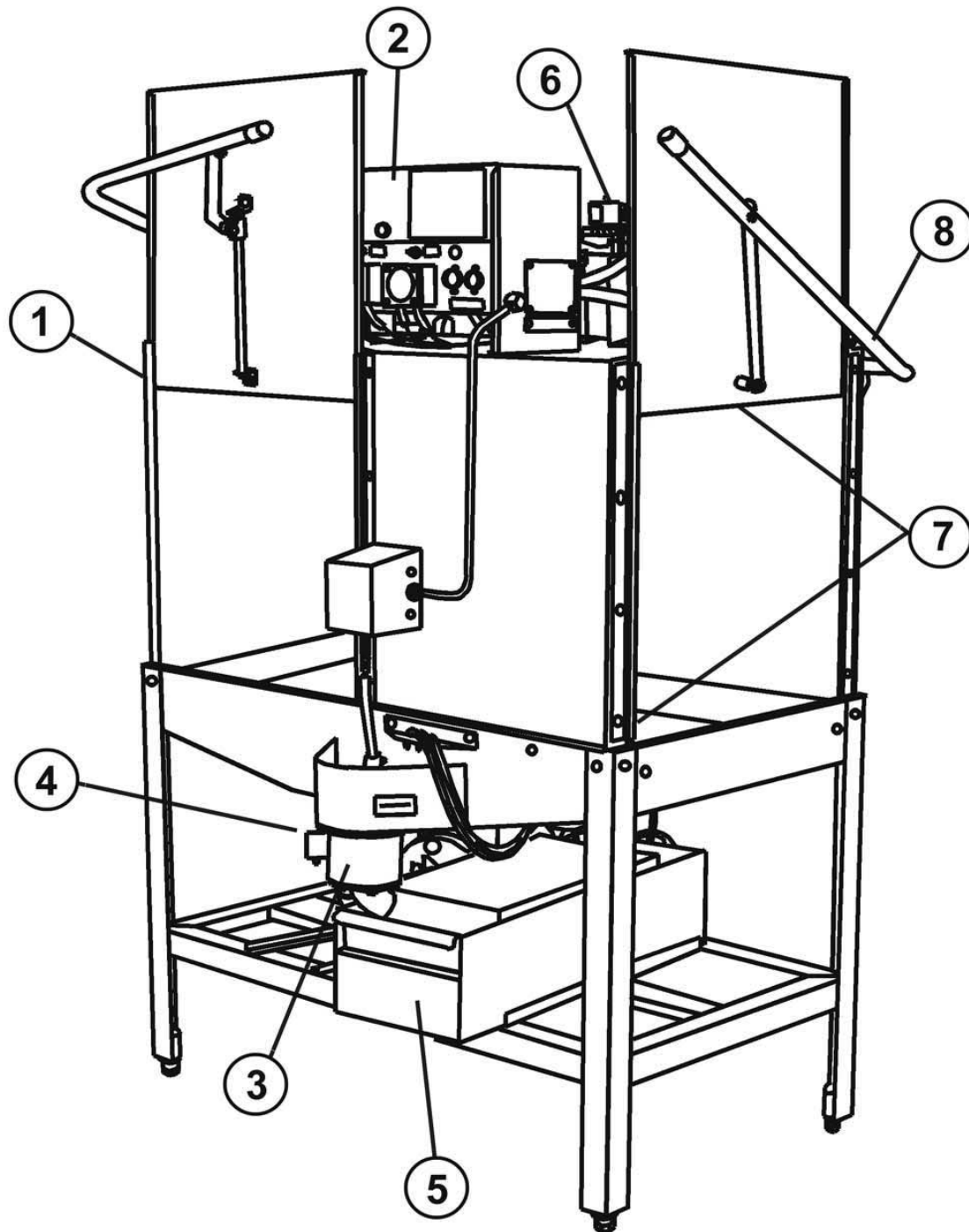


# **PARTS MANUAL**

900 Blake Street  
Edwardsville, Kansas 66111  
(913)422-3700

029-0090/030-0090  
Model: 5-CD LF/RF  
DISHMACHINE

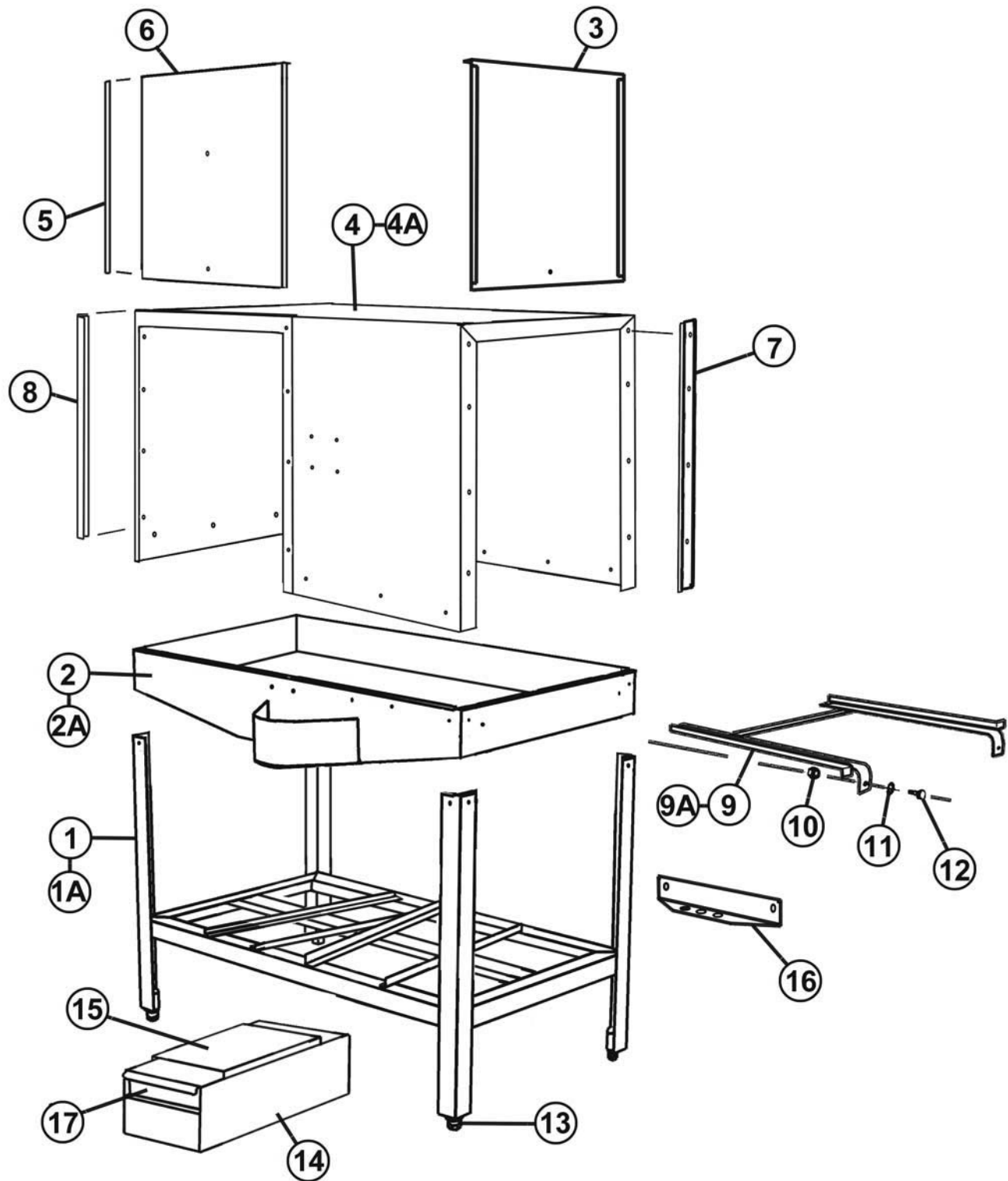
***American Dish Service***



Model: 5-CD LF/RF

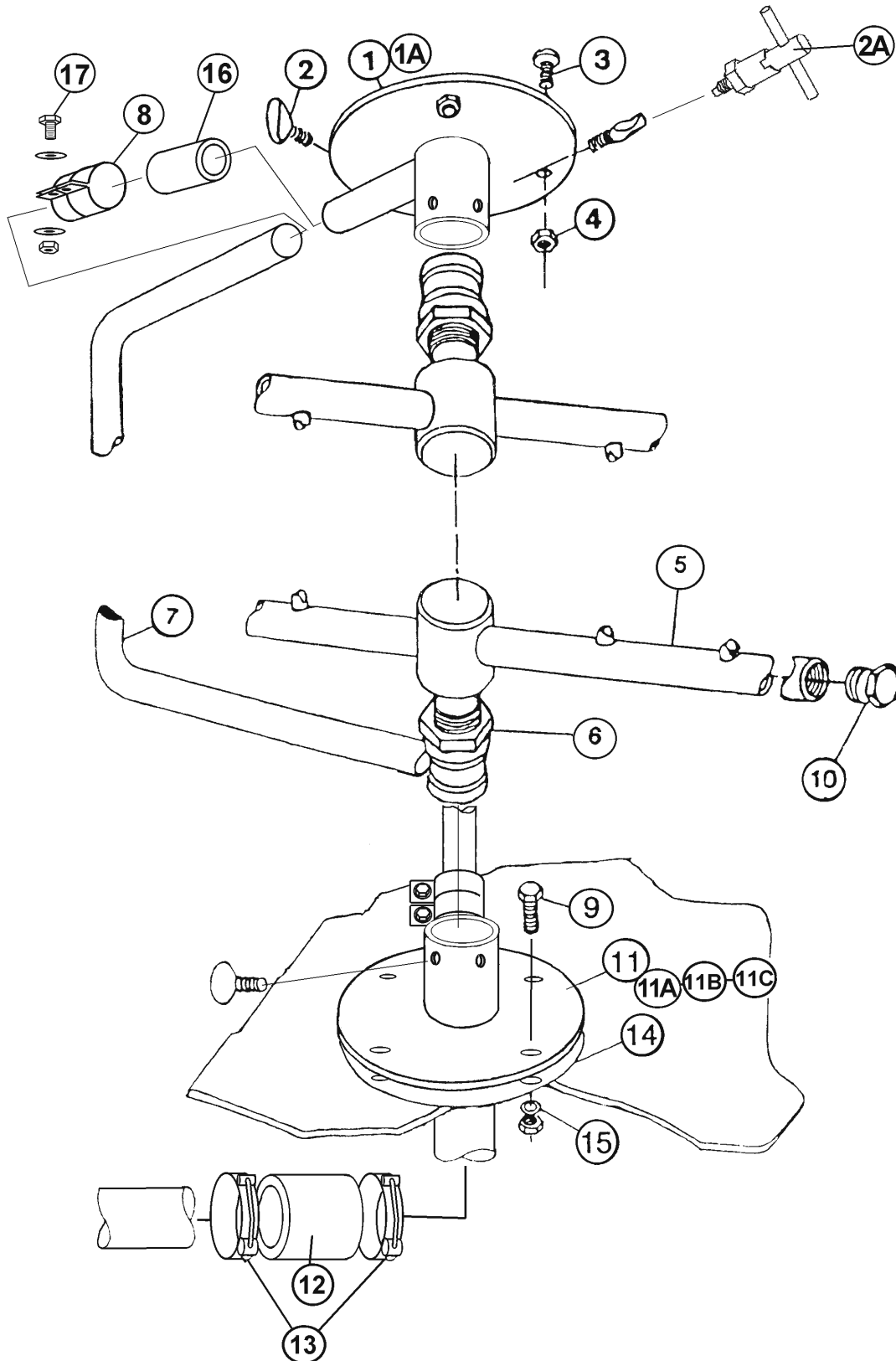
## American Dish Service

[illegible]



## ***American Dish Service***

5

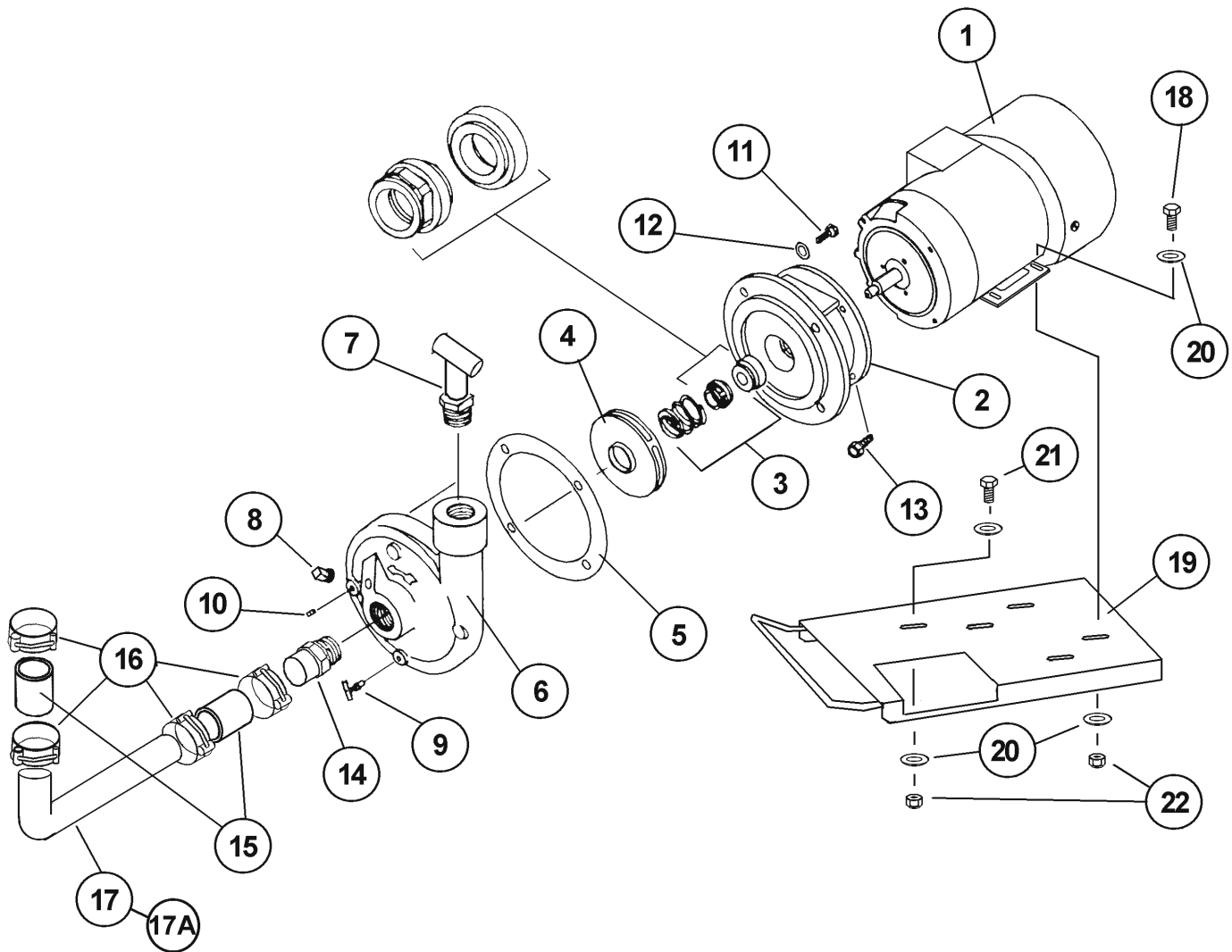


# Spray System Assembly LF/RF

## 5-CD

Spray System Assembly LF/RF  
5-CD

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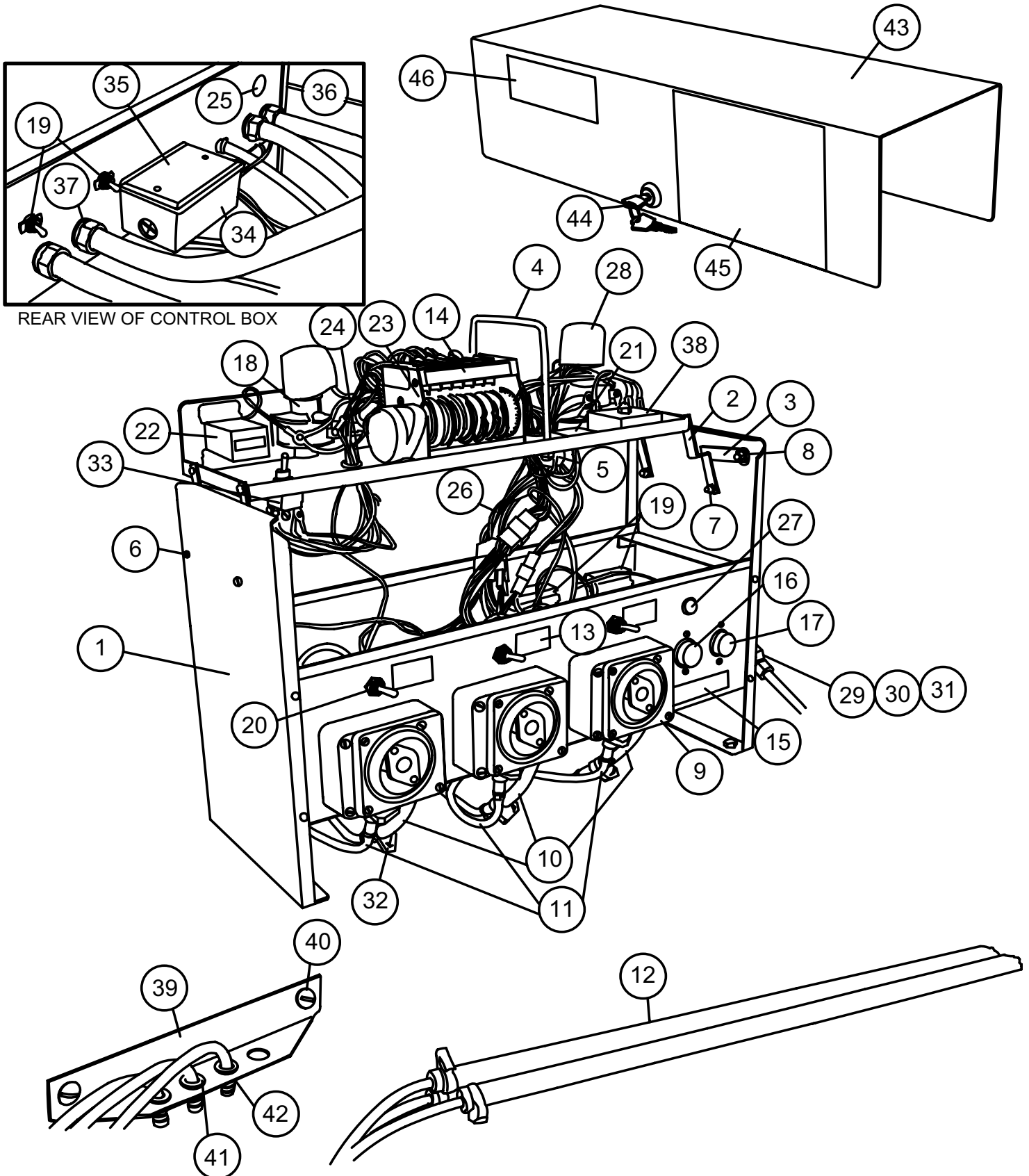


063-2200/063-2300

Recirculating Pump Assembly  
LF/RF 5-CD

***American Dish Service***

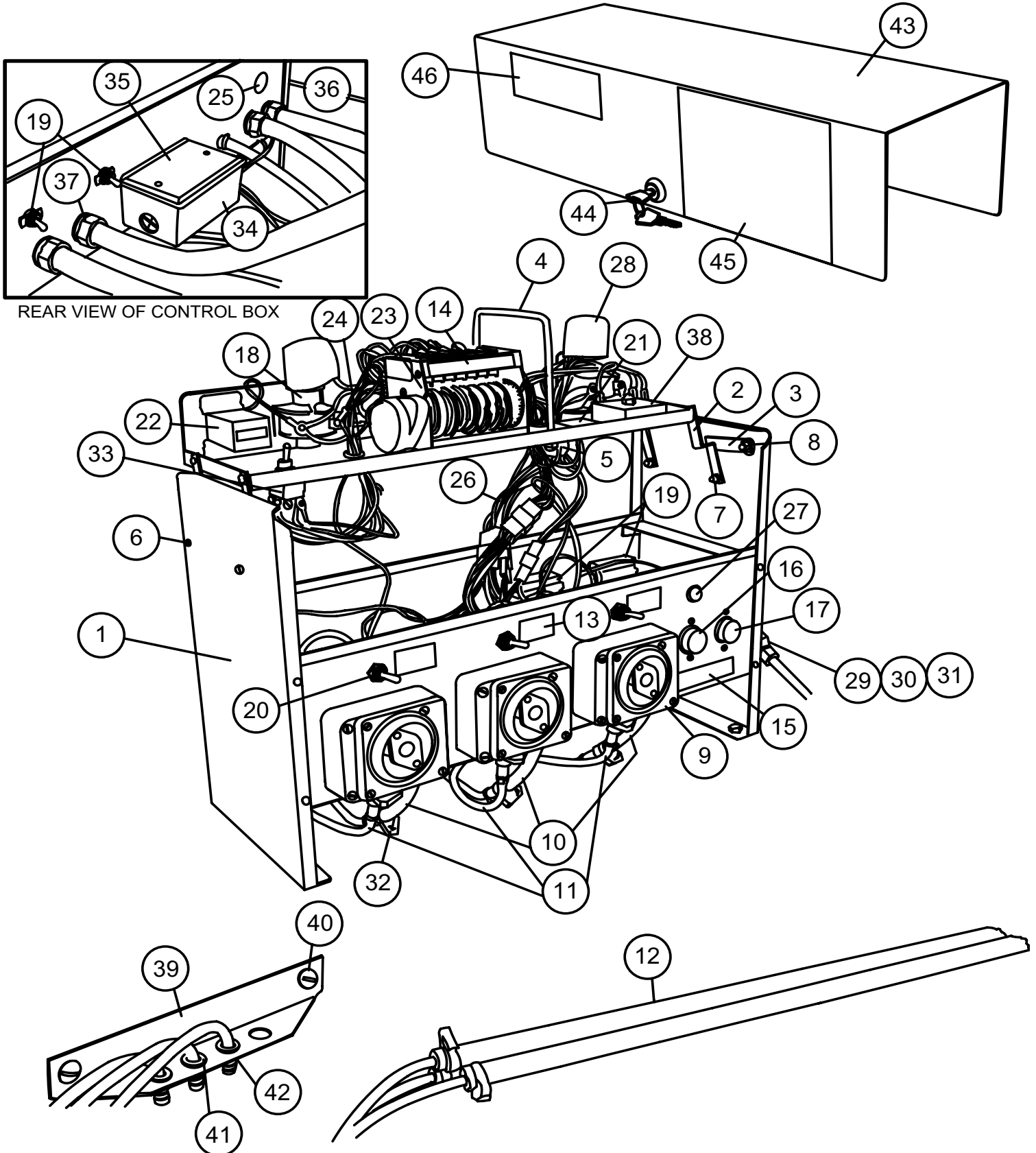
Ref. No.	Part No.	No. Req.	Description
1	091-1001	1	Motor
2	082-6301	1	Rear Housing
3	092-2001	1	Seal Assembly
4	082-6305	1	Impeller, 7-vane
5	089-6303	1	Gasket, Pump
6	082-6302	1	Front Housing (Pump Cover)
7	085-6325	1	Discharge Pipe 'T' Weldment
8	092-1144	1	Pipe Plug, 3/8", SS
9	092-1002	1	Petcock 1/8"
10	092-1145	1	Pipe Plug, 1/8", SS
11	098-1507	2	Bolt, HH, SS, 5/16-18 x 7/8
N/S	098-1510	2	Bolt, 5/16-18 x 1 1/4", HH, SS
12	098-2503	4	Washer, Copper 5/16
13	098-1607	4	Bolt, 3/8-16 x 7/8" HH SS
14	085-6321	1	Pump Pipe, Suction
15	093-1039	2	Rubber Sleeve, Suction Tube Kit
16	098-9038	4	Clamp, Suction Tube Sleeve
17	085-6326	1	Suction Tube, LF
17A	085-6327		Suction Tube, RF
18	098-1426	2	Bolt, 1/4-20 x 3/4", HH, SS
19	085-6408	1	Motor Plate
20	098-2404	6	Washer, 1/4", SS
21	098-1434	1	Bolt, 1/4-20 x 2", HH, SS
22	098-2507	3	Locknut, 1/4-20, SS
Rep.	088-1012	0	Pump assembly Through Impeller
			(Needs Gasket 089-6303)



063-0800  
Control System Assembly  
5-CD

***American Dish Service***

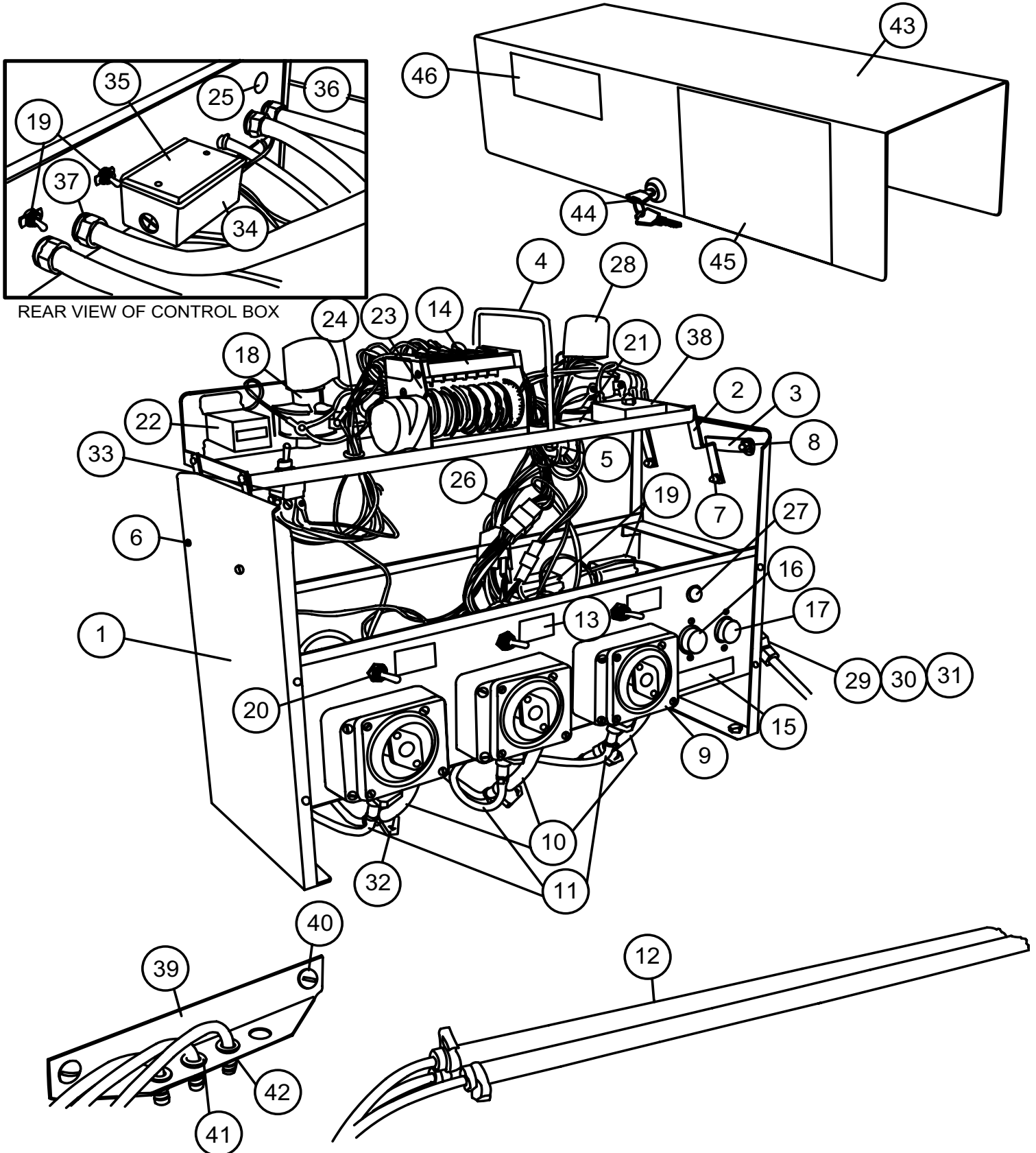
<b>Ref. No.</b>	<b>Part No.</b>	<b>No. Req.</b>	<b>Description</b>
1	081-6421	1	Control Box Weldment
2	086-6678	4	Control Box Hinge
3	086-6676	1	Safety Latch
4	086-6317	1	Shelf Handle
5	098-2507	5	Locknut, 1/4"
6	098-1204	13	Screw, 8-32 x 1/2" RH, Slotted
7	098-2201	9	Locknut, 8-32, Hex
8	098-2404	1	Washer, 1/4", SS
9	064-0010	3	Chemical Pump Assembly, External
10	083-6404	1	Chemical Discharge Tube, Red 5'
10	083-6405	1	Chemical Discharge Tube, Green 5'
10	083-6406	1	Chemical Discharge Tube, Blue 5'
11	083-6408	1	Chemical Suction Tube, Red 8'
11	083-6409	1	Chemical Suction Tube, Green 8'
11	083-6410	1	Chemical Suction Tube, Blue 8'
12	083-6407	3	Tube Stiffener
13	089-9223	3	Decal, Prime
14	089-9226	1	Decal, Timer Cam
15	089-9237	1	Decal, Start-Fill
16	091-3001	1	Switch, Black Fill
17	091-3002	1	Switch, Red Start
18	091-3007	1	Relay, Mercury
19	091-3008	2	Master Switch
20	091-3009	3	Prime Switch
21	091-3011	1	Socket, Relay
22	091-3049	1	Counter, Electric
23	091-3051	1	Timer, 90 Sec. 7 Cam
24	091-4002	1	Grommet
25	091-4019	1	Plastic Plug
26	091-5028	1	Wiring Harness
27	091-7006	1	Red Light, Indicator



063-0800  
Control System Assembly  
5-CD

***American Dish Service***

Ref. No.	Part No.	No. Req.	Description
28	091-9103	1	Relay Cap
29	092-1008	1	½" Close Nipple
30	092-1029	1	½" x 3/8" Reducer, Brass
31	092-1030	1	Fitting, 3/8" Comp x ½" FPT 90°
32	098-1606	3	Tube Clamp
33	091-3060	1	Toggle Switch
34	091-4016	1	Junction Box
35	091-4004	1	Cover, Junction Box
36	091-5156	1	Conduit, ½", 240"
37	091-4141	5	Conduit, Fitting ½" ST
38	091-3059	1	Relay, Auto Start
39	086-6419	1	Chemical Discharge Bracket, 5-CD
40	098-1414	2	Screw, ¼-20 x ½", TH, SS
41	091-4015	3	Grommet, Chemical Feeder Assembly
42	093-1043	3	Hose Barb 3/16"
43	087-6434	1	Control Box Cover
44	096-1002	1	Control Box Lock and Key
45	089-9204	1	Outside Sump Cleaning Instruction
46	089-9213	1	NSF Sticker
OPT.	091-3003	1	Relay, Instant Start
N/S	089-0001	1	Nameplate
N/S	089-0050	1	NSF UL Plate
N/S	098-9011	6	Pop Rivets
N/S	089-9202	1	Wiring Diagram
N/S	089-9210	1	Decal, Connect to Power Supply
N/S	089-9227	1	Adjust Cam Decal
N/S	089-9257	1	Decal, Deliming, Caution
N/S	091-4142	3	Conduit, Elbow, ½" 90°
N/S	091-4017	1	Grommet, Large
N/S	091-5213	2	Red Butt Connector
N/S	091-5220	6	Cable Tie, Medium
N/S	091-5223	1	Molex Housing, Male
N/S	091-5224	1	Male Molex Pin
N/S	091-5226	8	Tabs, Master Switch

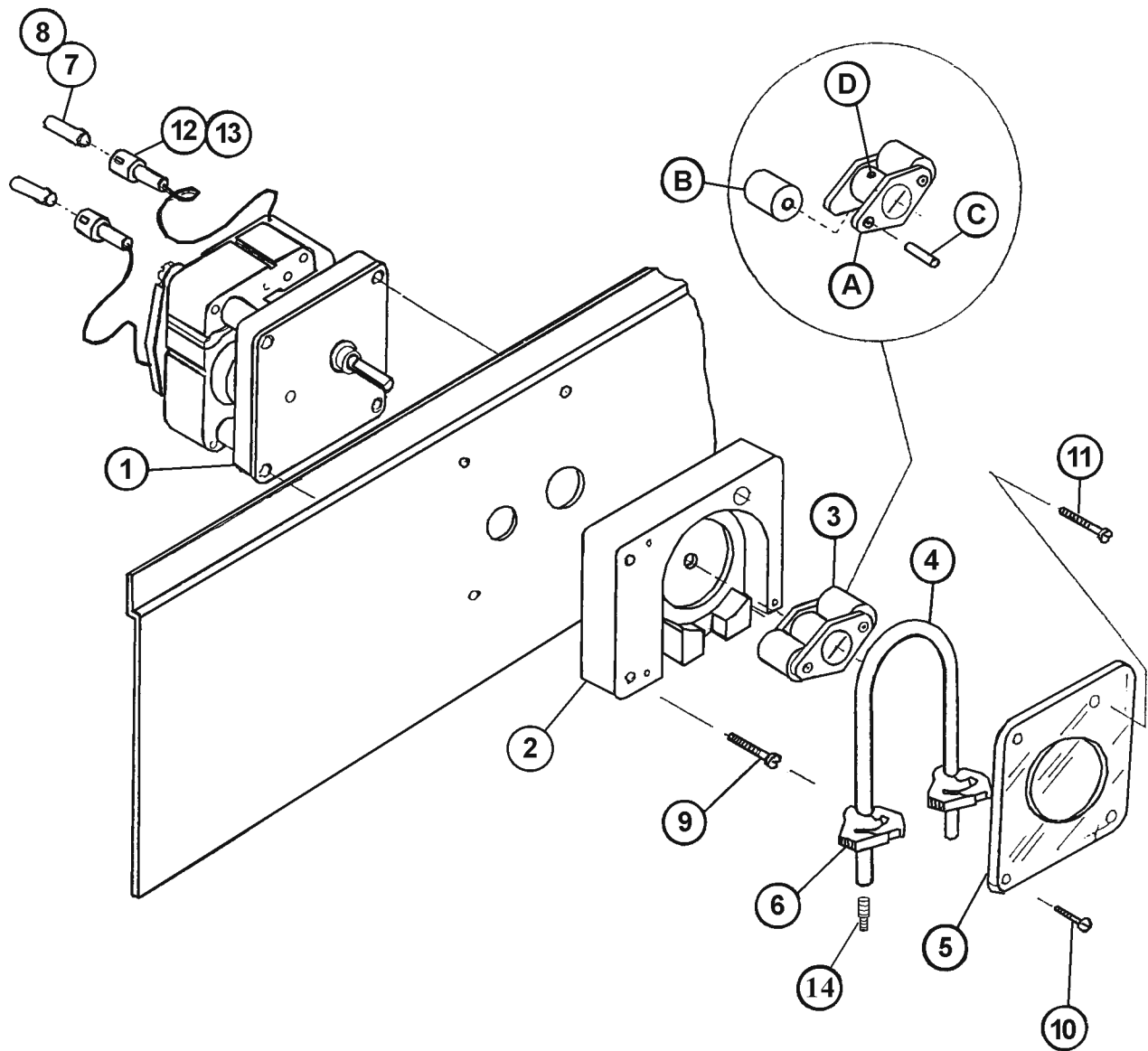


# Control System Assembly

## 5-CD

## ***American Dish Service***

[illegible]

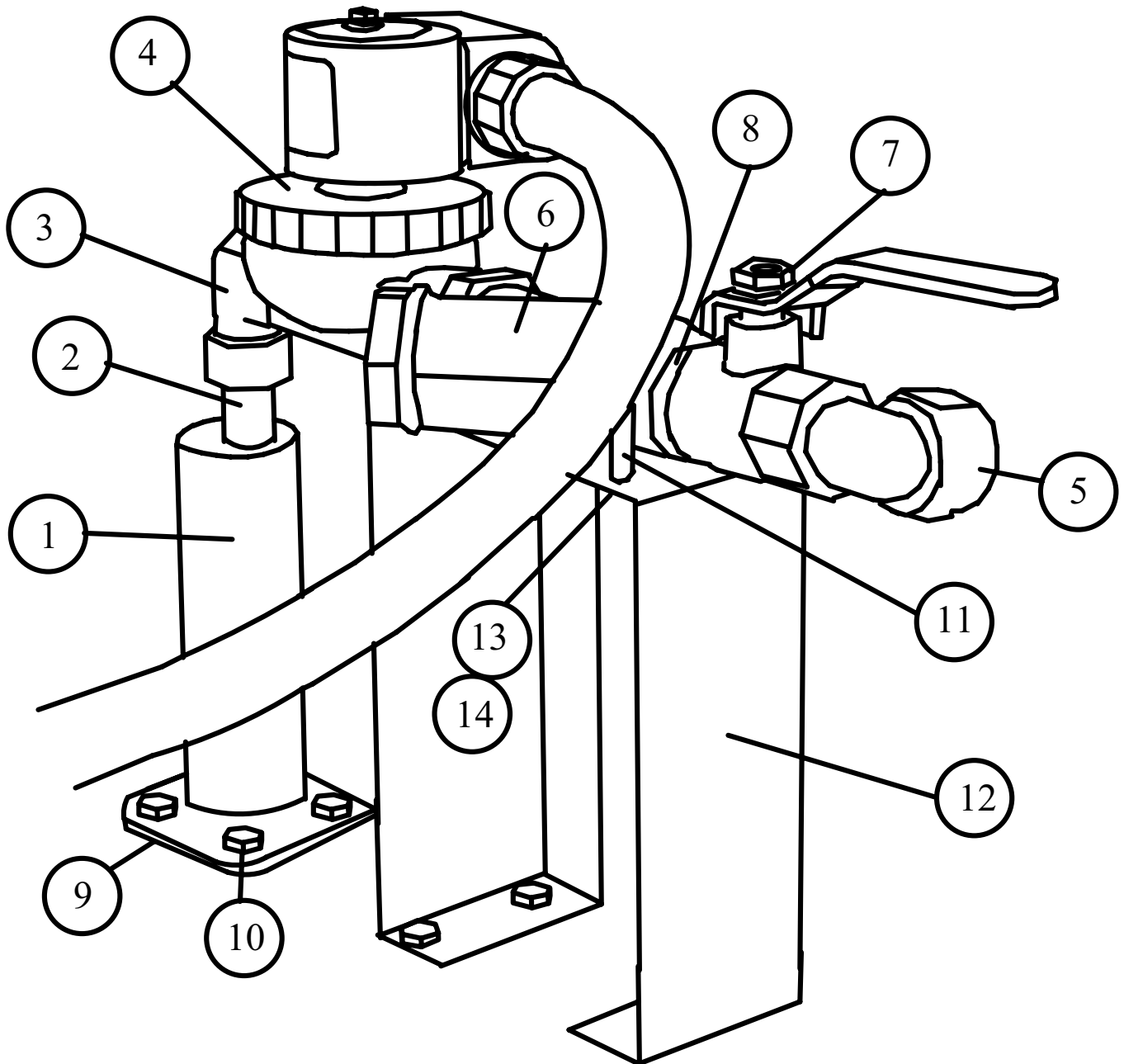


# Chemical Pump Assembly

## 5-CD

## American Dish Service

[illegible]

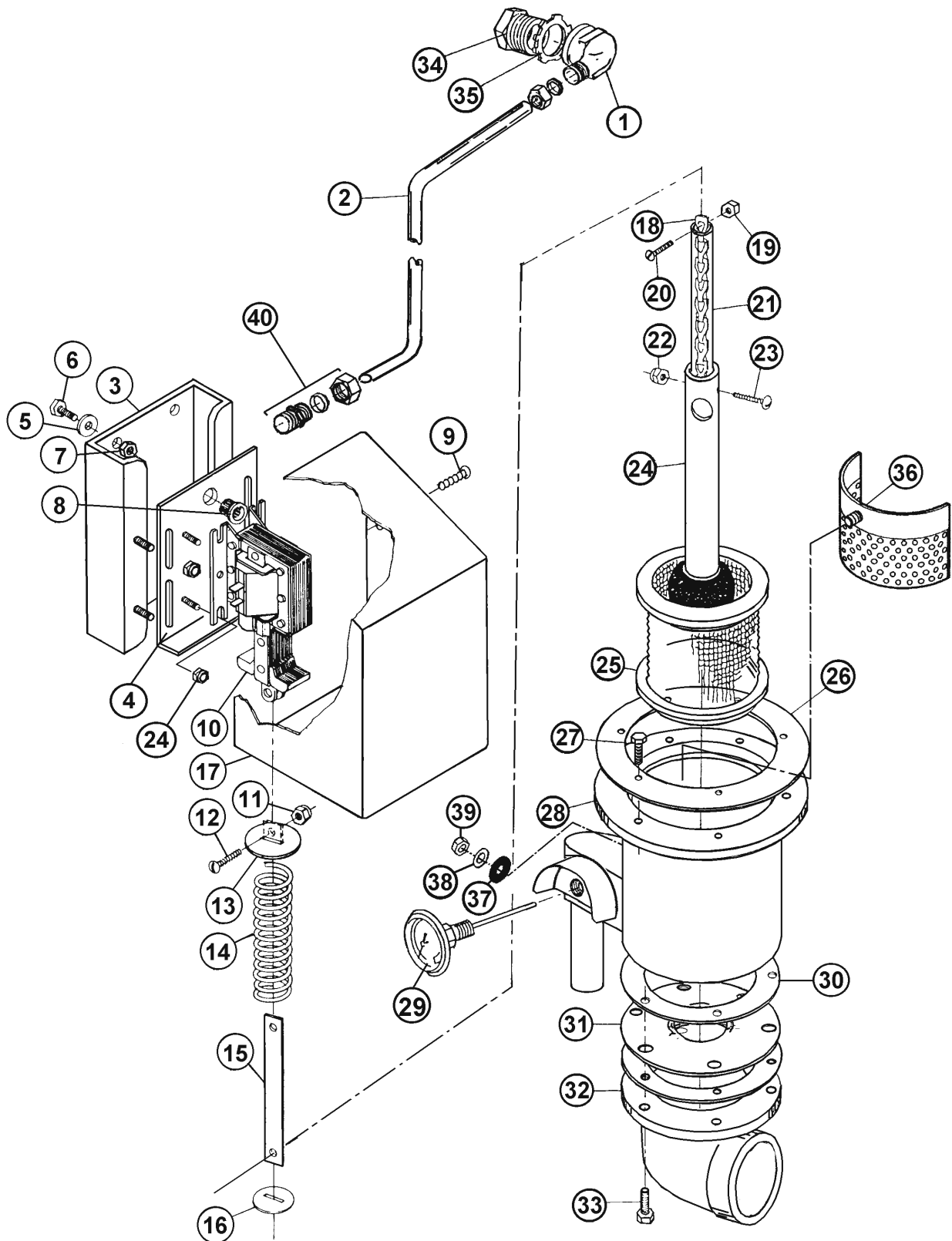


# Fresh Water Plumbing Assembly

## 5-CD

## ***American Dish Service***

[illegible]

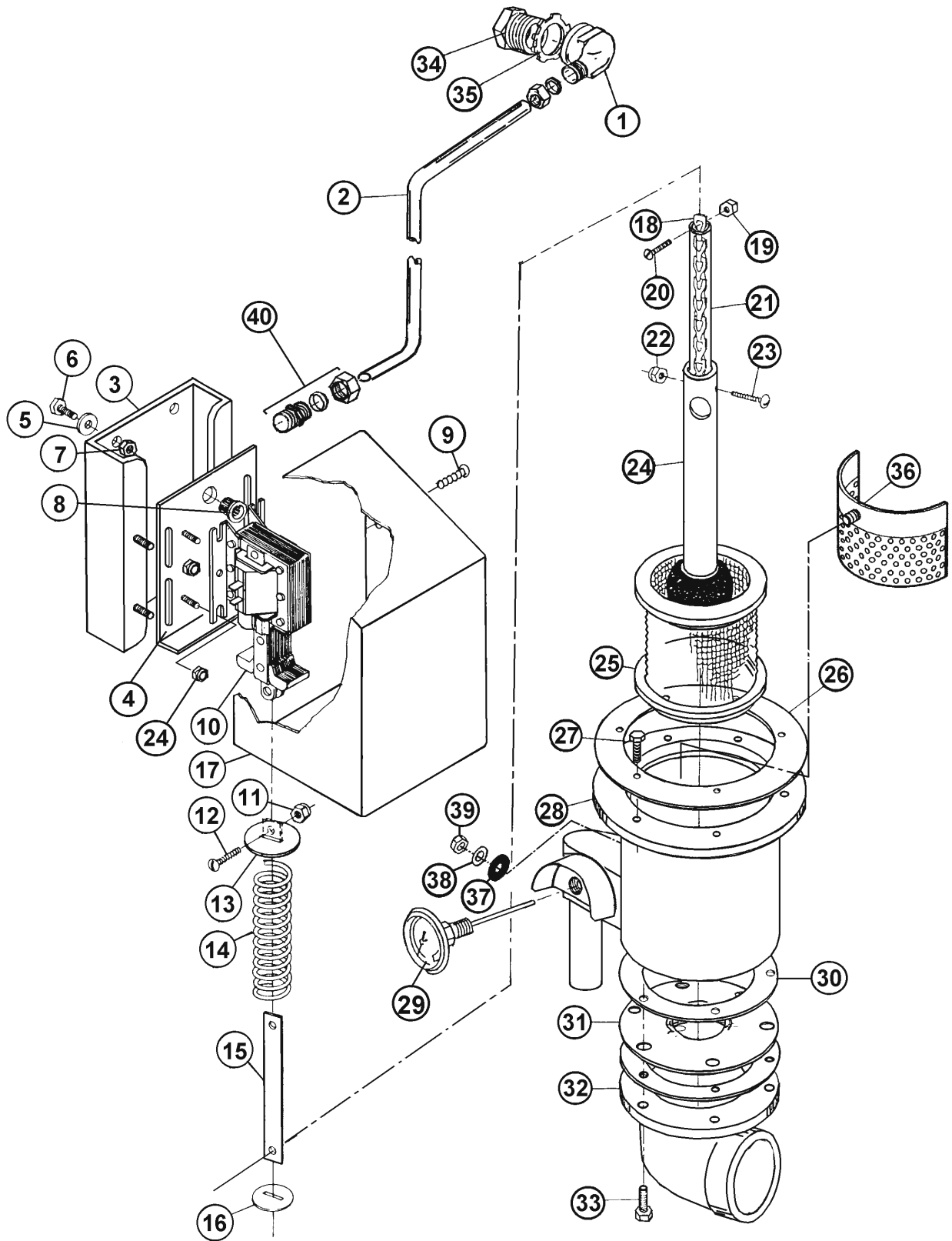


066-1700/066-1800

# Drain System Assembly LF/RF 5-CD

***American Dish Service***

Ref. No.	Part No.	No. Req.	Description
1	092-1030	2	Conduit Fitting, 1/4", 90 Deg.
2	086-6734	1	Conduit, 3/8" O.D., LF
2A	086-6735		Conduit, 3/8" O.D., RF
3	085-6620	1	Solenoid Base, Outside Sump
4	085-6622	1	Solenoid Base Plate
4A	085-6634		Solenoid Base Weldment, RF
5	098-2404	10	Washer, 1/4", SS
6	098-1423	4	Bolt, HH, SS, 1/4-20 x 1/2"
7	098-2507	4	Locknut, SS, 1/4-20
8	091-4005	1	Grommet, Plastic, 1/2"
9	098-1413	2	Bolt, 1/4-20 x 3/8", TH, SS
10	091-2001	1	Solenoid
11	098-2201	1	Locknut, 8-32, SS
12	098-1205	1	Screw, RH, SS, 8-32 x 5/8"
13	086-6607	1	1-1/16 Slotted Washer (Large)
14	098-3001	1	Spring, Drain Solenoid, Outside Sump
15	086-6605	1	Link, Drain Solenoid, Outside Sump
16	086-6606	1	1-5/16 Slotted Washer (Small)
17	085-6617	1	Solenoid Cover, LF
17A	085-6635		Solenoid Cover, RF
18	089-6610	1	Chain, Drain, Make From 098-9001
19	098-2201	1	Locknut, 8-32, SS
20	098-1205	1	Screw, RH, SS, 8-32 x 5/8
21	084-6622	1	Chain Cover, Make From 093-1012
22	098-2301	5	Locknut, SS, 10-32
23	098-1311	1	Screw, RH, SS, 10-32 x 1 3/8
24	081-6601	1	Drain Plug Assembly, 1 1/2", Outside Sump
Rep	084-6608	0	Drain Tube (Replacement Part)
Rep	083-6601	0	Drain Ball (Replacement Part), 1 1/2"
25	085-6602	1	Sump Screen
26	089-6601	1	Sump Gasket
27	098-1423	6	Bolt, HH, SS, 1/4-20 x 1/2
28	085-6204	1	Sump Assembly With Tail Piece
29	099-1001	1	Temperature Gauge

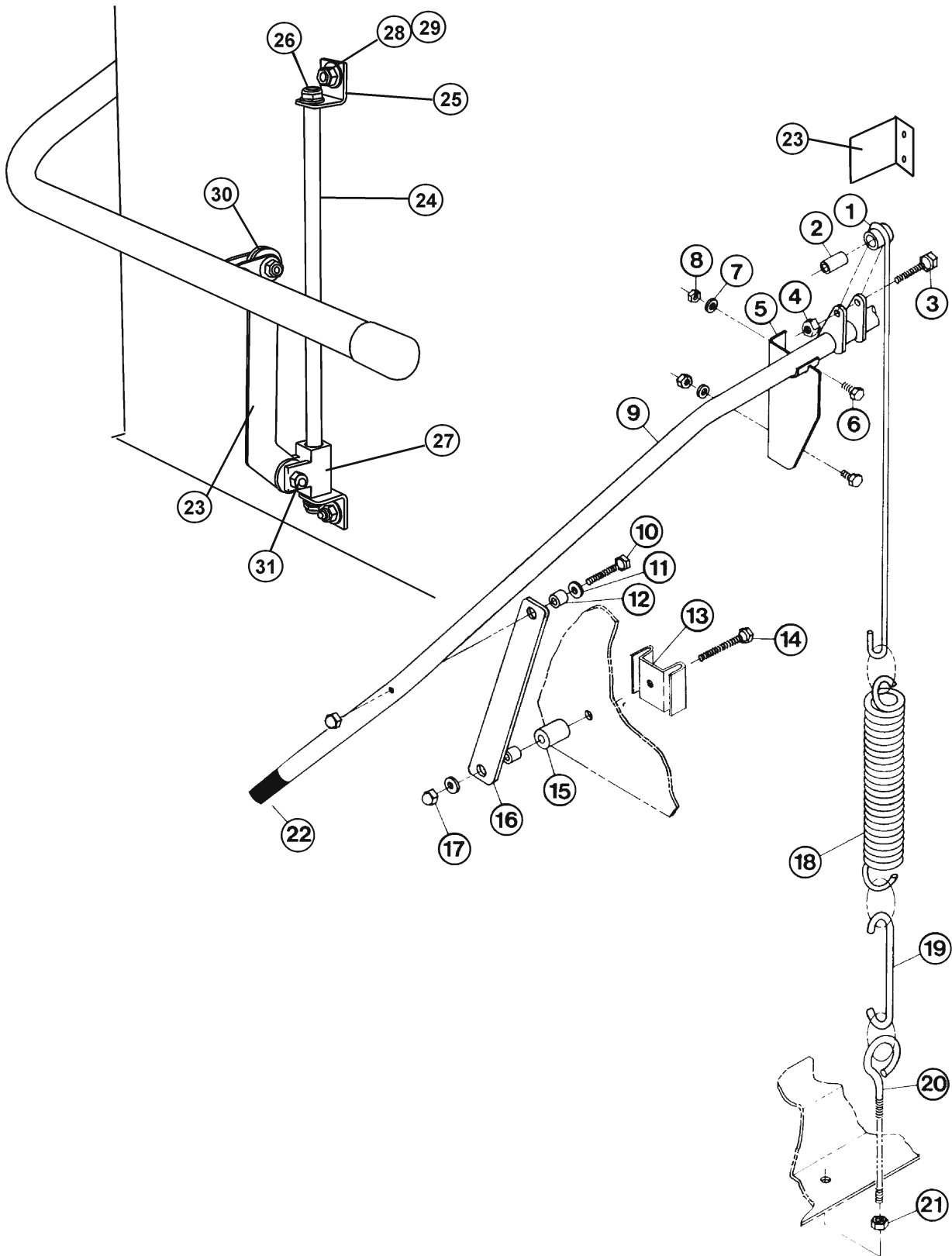


# Drain System Assembly LF/RF

## 5-CD

Drain System Assembly LF/RF  
5-CD

[illegible]



067-1400/067-1500

Door Actuator Assembly LF/RF  
5-CD

***American Dish Service***

Ref. No.	Part No.	No. Req.	Description
1	085-6701	2	Spring Extension
2	098-4002	2	Bushing, Bronze
3	098-1510	2	Bolt, 5/16 x 1 1/4", HH, SS
4	098-2502	2	Nut, 5/16-18, HH, SS
5	385-6119	1	Arm Support Bracket, LH
N/S	085-6184	2	Arm Support Bracket, RH
6	098-1423	4	Bolt, 1/4-20 x 1/2", HH, SS
7	098-2404	4	Washer, 1/4", SS
8	098-2507	4	Locknut, 1/4-20, SS
9	085-6706	1	Door Operating Arm (Lever Arm)
10	098-1434	2	Bolt, 1/4-20 x 2", HH, SS
11	098-2404	6	Washer, 1/4", SS
12	084-6703	4	Bushing (Dowel 3/8")
13	086-6701	2	Door Stop
14	098-1432	2	Bolt, 1/4-20 x 1 3/4", HH, SS
15	084-6702	2	Spacer, Door
16	086-6728	1	Door Link, Long
17	098-2405	4	Cap Locknut, 1/4-20, SS
18	098-3003	2	Door Spring, 8 1/2" Long
19	086-6731	2	Spring Extension, Secondary
20	098-1581	2	Eye Bolt, 5/16-18 x 6"
21	098-2502	2	Nut, 5/16-18, HH, SS
22	092-1086	2	Lever Arm End Cap, 1"
23	086-6729	1	Door Link, Bent
24	084-6241	1	Door Slide Rod
25	086-6732	2	Bracket, Door Slide Rod
26	098-2708	2	Locknut, 3/8-16 Nylon, SS
27	084-6242	1	Door Slide
28	098-2501	2	Locknut, 5/16-18, SS
29	098-1517	2	Bolt, 5/16-18 x 3/4" Lg. TH, SS
N/S	086-6733	1	Door Stop (Front Door), 5-CD
N/S	098-2511	1	Washer, 5/16" I.D. 1" O.D., SS
30	098-2705	4	Washer, 7/16" I.D. x 1" O.D., SS
31	098-1445	2	Bolt, 1/4-20 x 1", HH, SS

# ***American Dish Service***

*Manufacturer of low and high temperature  
Commercial Dishwashers and Glasswashers*

900 Blake Street  
Edwardsville, Kansas 66111  
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