

DCE33 Service Parts

The section contains the parts list for the DCE33. The DCE33 has been manufactured in either a White, Black or Stainless Steel finish.

A “D” series model was introduced in 2011 (as in DCE33A-1BD), it has a different timer and wiring diagram.

Please check the part description before ordering any part.

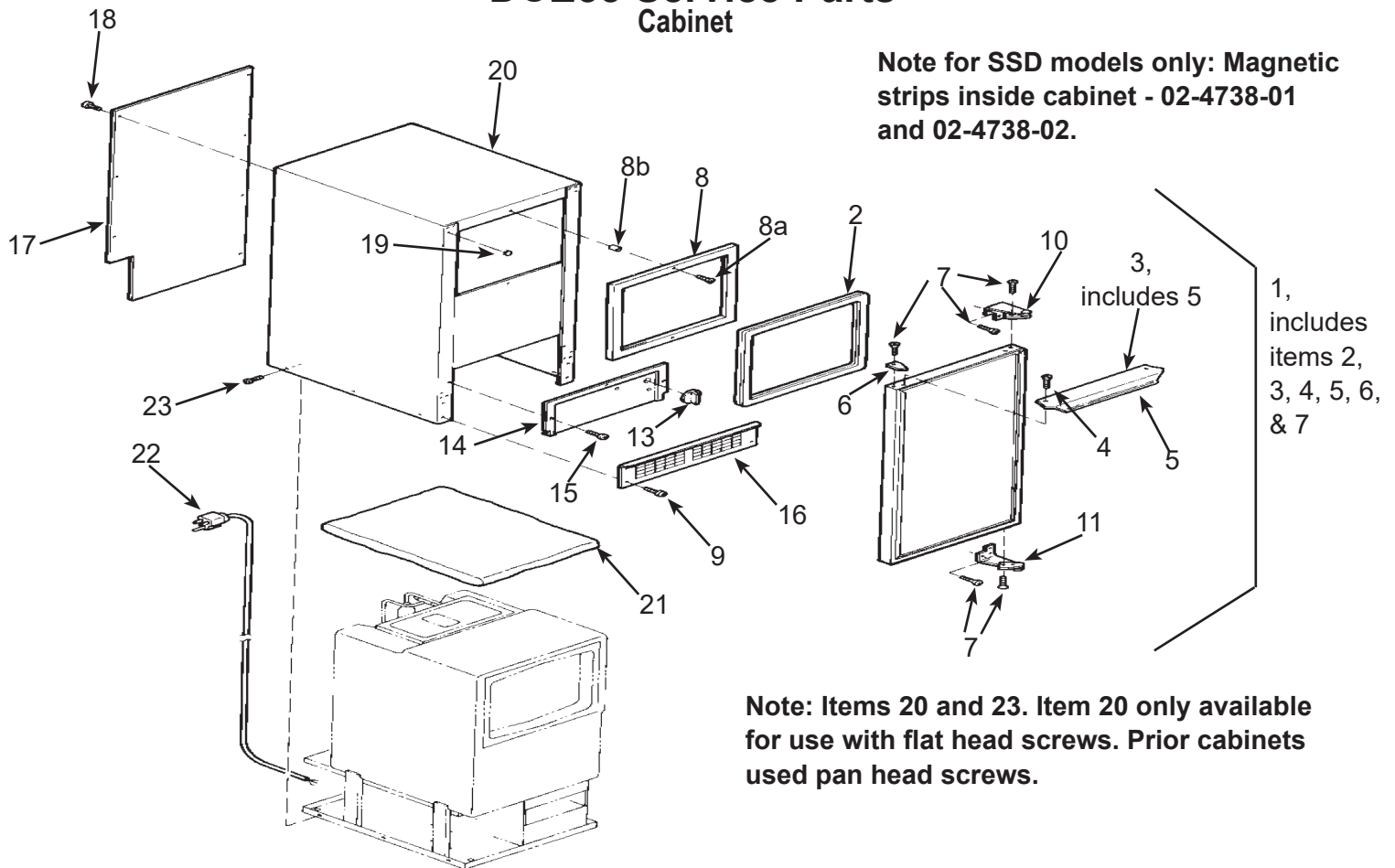
Contents

Cabinet	2
Pump, Evaporator, Storage Bin	3
Drain Pump Components	4
Condensing Unit	5
Reservoir	6
CONTROL BOX	7
CONTROL BOX	8
Compressor.	9
Kit Parts	10
Drain Pump Model Wiring Diagram - Prior to August 2000	11
Gravity Drain Model Wiring Diagram - Prior to August 2000	12
Drain Pump Model Wiring Diagram after August 2000 up to D series.	13
Gravity Drain Model Wiring Diagram after August 2000 up to D series	14
Wiring Diagram for DCE33A-1BD, DCE33PA-1BD, DCE33A-1SSD or DCE33PA-1SSD	15
Schematic Diagram DCE33A-1BD, DCE33PA-1BD, DCE33A-1SSD or DCE33PA-1SSD.	16

Parts lists and wiring diagrams are located in the center of the manual.

DCE33 Service Parts

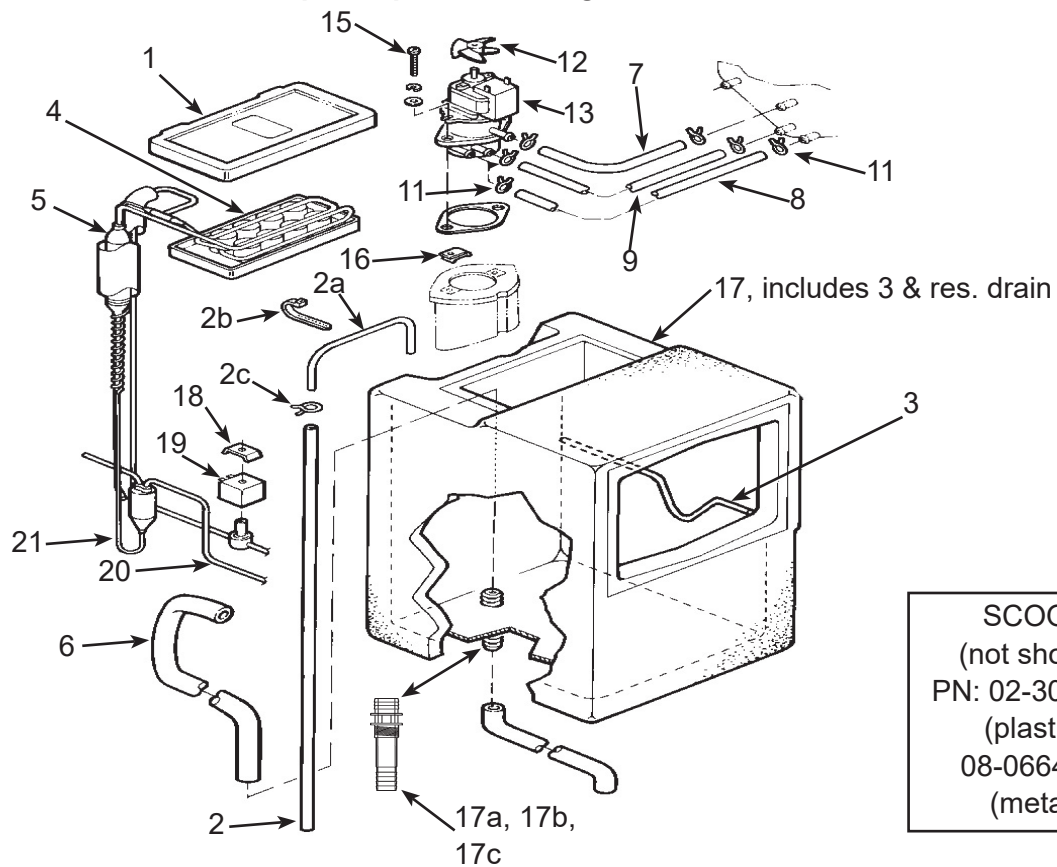
Cabinet



Item Number	Part Number	Description	11.	15-0799-02	Hinge
1.	A32117-003	White Door Assembly	12.	02-3141-01	Knob, Bin Thermo
	A32117-010	Black door assembly	13.	A34877-002	Cont Box cover - white
	A32117-011	Stainless door assembly		A34877-003	Cont Box cover - black
2.	13-0826-04	Gasket		A40162-001	Cont Box cover - SS
3.	A29043-001	Alum. Door Handle (white)	13a	17-3465-01	Bin level control label
	A29043-003	Alum. Door Handle, (black)	14.	03-1404-07	Screw (6)
	15-0647-01	Alum. Handle, blank for SS	15.	02-2243-02	Kickplate - black
4.	03-1607-01	Head Screw (2)	16.	A29102-001	Rear Panel
5.	15-0730-01	Nameplate strip (white)	17.	03-1404-08	Screw (9)
	15-0730-02	Nameplate strip (black)	18.	02-2481-01	Plug (6) (white)
6.	15-0648-01	Alum. Hinge Fill Plate, Rt.		02-2481-02	Plug, black
	15-0648-02	Alum. Hinge Fill Plate, Lt.		02-1874-11	Plug, nickel
7.	03-1418-24	Screw (10)	19.	A38803-021	Cabinet (white)
8.	13-0828-01	Gasket (white)		A38803-022	Cabinet (black)
	13-0828-02	Gasket (grey)	for flat head screws, use began w/sn 05111320015862		
8a	03-1419-08	Screw - not for ss		A40159-001	Cabinet (stainless steel)
	03-1404-26	Screw for SS cabinets	20.	A26787-001	Insulation (in Bag)
8b	02-2701-01	Spacer	21.	12-2571-01	Power cord & wire harness
9.	03-1419-26	Screw, black		12-1638-21	For D series
	03-1419-29	Screw, white	22.	03-1431-00	Screw, pan head
10.	15-0799-01	Hinge		03-1419-29	Flat head screw, white

DCE33 Service Parts

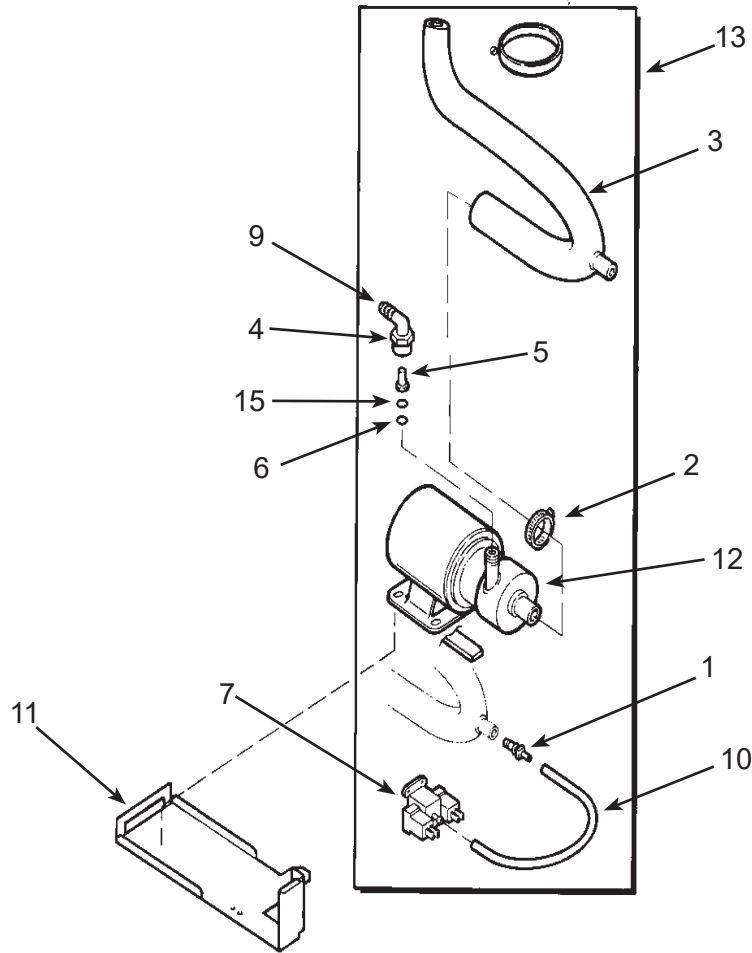
Pump, Evaporator, Storage Bin



Item Number	Part Number	Description		
1.	02-2274-01	Platen Cover	17.	A36930-020 Bin Assembly, includes reservoir drain hose & drain fittings
2.	13-0674-01	Tube, 37"	17a	02-3323-01 Drain fitting (foamed in bin)
2a	A27027-001	Copper inlet tube	17b	13-0617-13 O-Ring
2b	no number	Tube holder	17c	03-1394-05 Pal nut
2c	02-1727-01	Hose clamp	18.	12-2569-03 Clip, Hot Gas Valve
3.	A34816-001	Bin Thermostat bracket	19.	12-2569-02 Coil, Hot Gas Valve
4.	02-3489-20	Evaporator, does NOT include suction line and accumulator		11-0562-22 Coil, hot gas valve
5.	A36699-020	Evaporator, Complete		replaces coils that have terminals
6.	13-0899-01	Res. drain hose	20.	11-0562-21 Hot Gas Valve kit
7.	13-0674-16	Tube, 5/8" Req. 4.25"	21.	16-1219-02 Drier
8.	13-0674-15	Tube, 1/2", Req 3.25"		
9.	13-0674-15	Tube, 1/2", Req. 3-5/8"		
10.	02-1775-02	Clamp (2)		
11.	02-0534-02	Clamp (4)		
12.	02-1719-00	Fan Blade		
13.	A30625-001	Spray Pump		
14.	13-0687-00	Gasket		
15.	03-1719-01	Screw		
16.	no longer used	Speed Nut (2)		

DCE33 Service Parts

Drain Pump Components



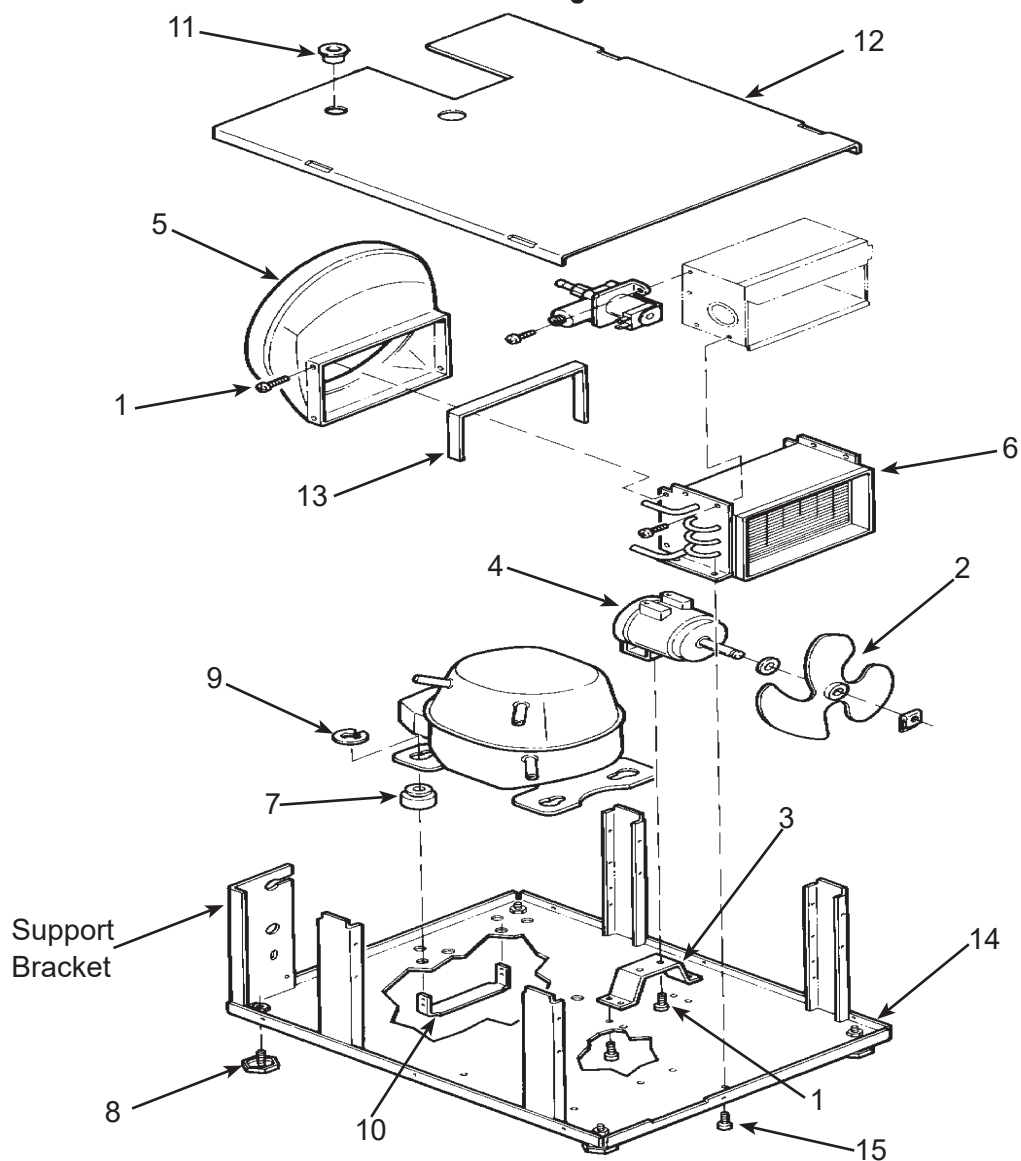
Item Number Part Number Description

1.	02-3406-01	Barbed connector .	14.	12-2580-01	Harness
2.	02-2814-11	Clamp		12-3001-01	Harness, for converted-to pump
2a	12-2580-01	Harness		DCE33A-1BD, DCE33PA-1D, DCE33A-1SSD or DCE33PA-1SSD	
3.	02-3369-01	Inlet hose	15.	03-3904-01	Check valve spring
4.	02-3522-01	Elbow			
5.	02-3374-01	Check valve			
6.	13-0617-08	O-ring			
7.	11-0504-01	Pressure switch			
8.	obsolete	Impeller & housing kit			
9.	A37334-001	Discharge hose			
10.	05-0591-01	Switch hose			
11.	A36746-001	Mounting bracket			
12.	12-2503-21*	Drain pump only; use to replace drain pumps or w/kit to convert.			
13.	A36892-020*	Drain Pump Kit for early models, for all except DCE33A-1BD and DCE33A-1SSD			
	A39885-001*	Drain pump kit, for current models, DCE33A-1BD or DCE33A-1SSD			

*The complete kit shouldn't be used for warranty purposes without an authorization number given from tech support.

DCE33 Service Parts

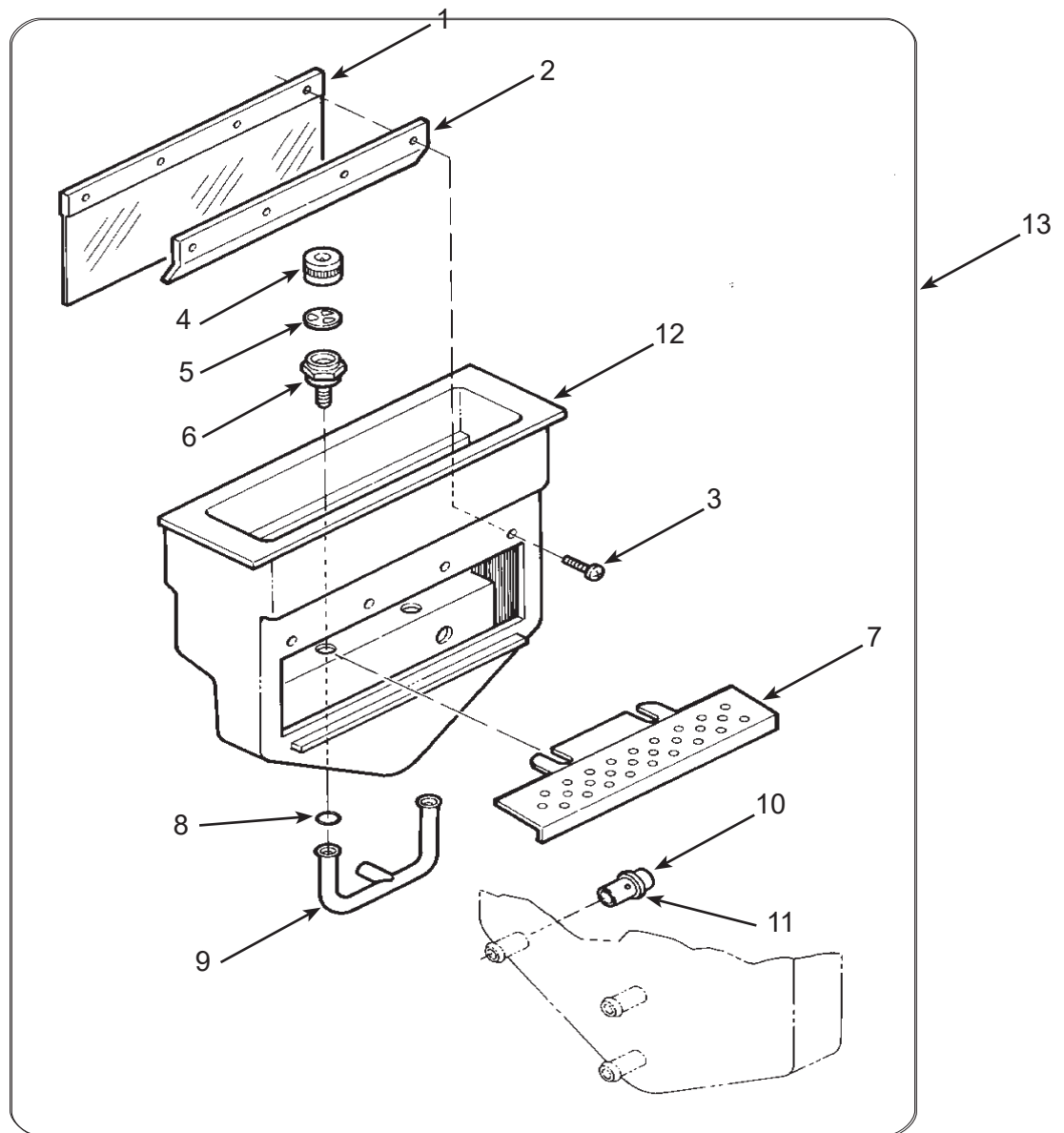
Condensing Unit



Item Number	Part Number	Description	12.	A37732-001	Upper base plate
1.	03-1404-08	Screw (4)	13.	13-0609-00	Foam tape
2.	18-3710-01	Fan Blade	14.	A28921-001	Lower base plate
3.	A28798-001	Fan Motor Bracket		A38638-001	Lower base plate
4.	12-2396-21	Fan Motor		use began w/sn 05111320015862	
	18-8752-10	Blade pad		Support brackets part of item 12	
	18-8752-11	Blade nut		A40164-001	Base pan for -1SSD
5.	02-2871-01	Fan Shroud	15.	03-1531-01	Screw
6.	18-3729-01	Condenser			
7.	18-4700-28	Grommet			
8.	03-1608-01	Leg Leveler			
9.	03-1407-08	Washer			
	03-3821-01	Clip			
10.	A29015-001	Bracket			
11.	12-1213-10	Bushing			

DCE33 Service Parts

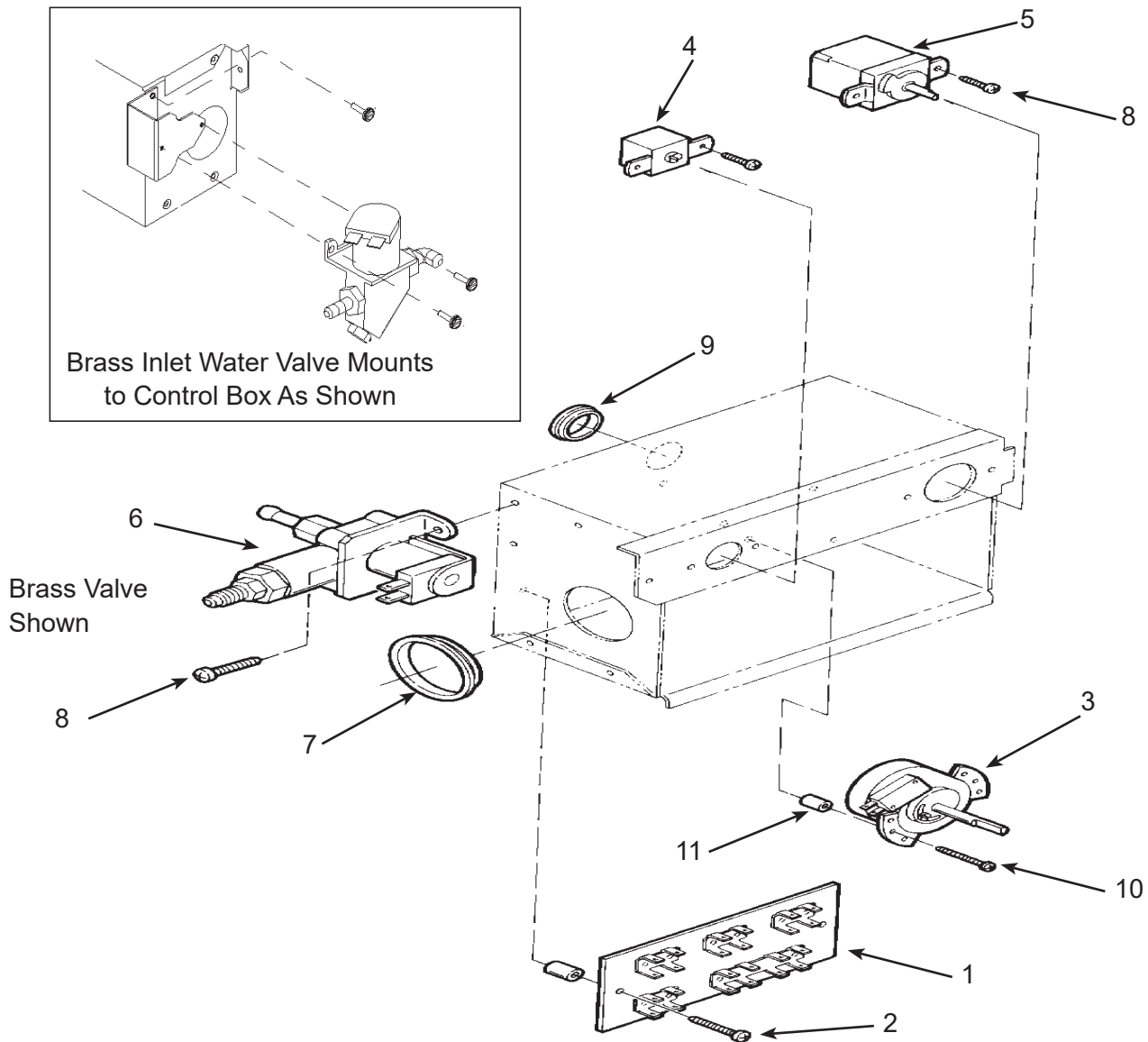
Reservoir



Item Number	Part Number	Description
1.	02-2479-21	Curtain
2.	A24155-001	Curtain stiffener
3.	03-1404-16	Screw
4.	02-1841-00	Nozzle
5.	A09543-000	Spinner
6.	02-1840-00	Jet Base
7.	A22518-000	Cube Chute
8.	13-0617-08	O-ring
9.	02-2704-01	Spray Bar Assembly
10.	05-0593-01	SS nipple
11.	13-0617-01	O-ring
12.	02-1923-01	Bin Insert
13.	A22532-001	Bin insert assy

DCE33 Service Parts

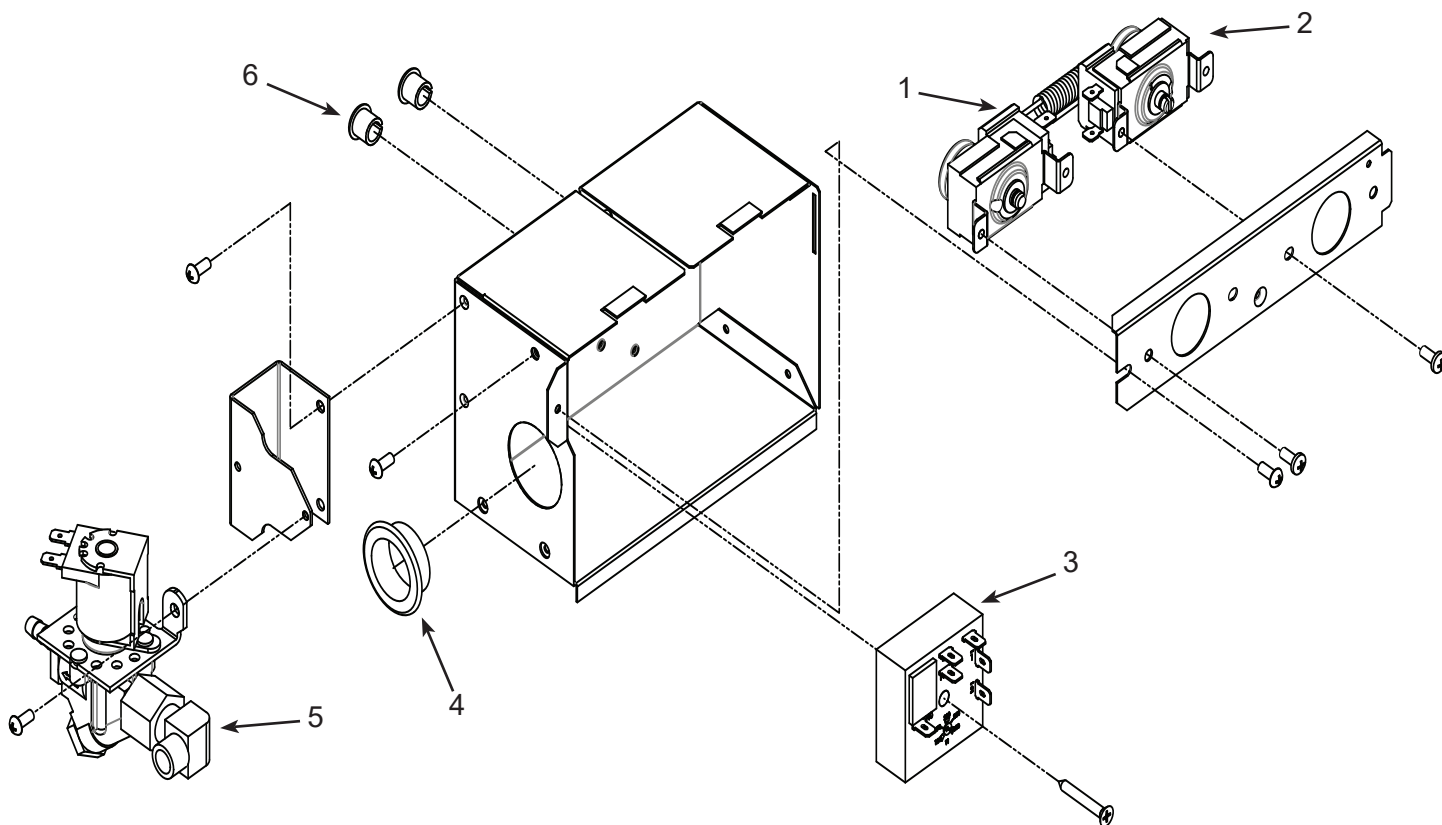
CONTROL BOX - all models except DCE33A-1BD, DCE33PA-1BD, DCE33A-1SSD or DCE33PA-1SSD



Item Number	Part Number	Description			
1.	A25981-001	Terminal Board	9.	12-1213-04	Snap bushing
2.	03-1638-01	Screw	10.	03-1638-02	Screw
3.	12-1980-21	Timer And Switch	11.	02-2242-06	Stand off
4.	11-0619-21	Cube Size Control	12.	02-2242-05	Stand off
5.	11-0616-21	Bin Level Control, incl 5a	Not Shown		
5a	02-4817-01	Knob for item 5 - Danfoss only	13.	A39918-001	Kit to retrofit electronic timer to prior model.
6.	12-2907-21	Inlet Water Valve Kit (includes new fittings)			
	12-2907-31	Coil only for brass valve			
	12-2410-31	Coil only for plastic valve			
7.	12-1213-12	Bushing			
8.	03-1403-17	Screw			

DCE33 Service Parts

CONTROL BOX - for DCE33A-1BD, DCE33PA-1BD, DCE33A-1SSD or DCE33PA-1SSD

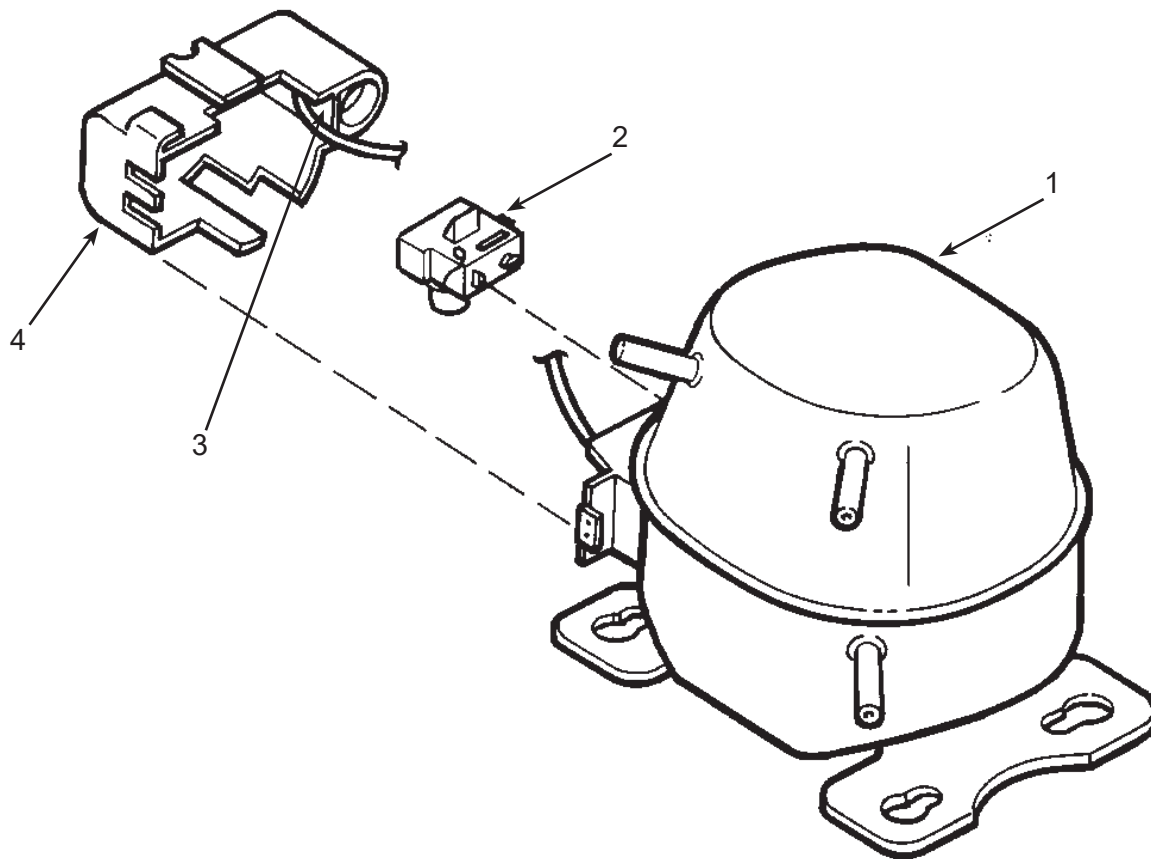


Item Number	Part Number	Description
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1.	11-0619-21	Cube size control
2.	11-0616-21	Bin level control, includes 2a
2a	02-4817-01	Knob, for Danfoss thermostat only
3.	12-2985-01	Timer
	03-1419-16	Screw
4.	12-1213-12	Snap bushing
5.	12-2907-21	Inlet water valve kit, includes new fittings
	12-2907-31	Coil only for inlet water valve
6.	12-1213-04	Snap bushing

DCE33 Service Parts

Compressor



Item Number	Part Number	Description
1.	18-8776-21	Compressor Kit, Includes Relay, Overload, Instructions
2.	18-8776-51	Relay
3.	18-8776-52	Overload
4.	18-8776-54	Cover

DCE33 Service Parts

Kit Parts

K-SS Door Sleeve Kit

02-3846-01 Sleeve

02-3847-01 Handle

03-1403-50 Screw for handle

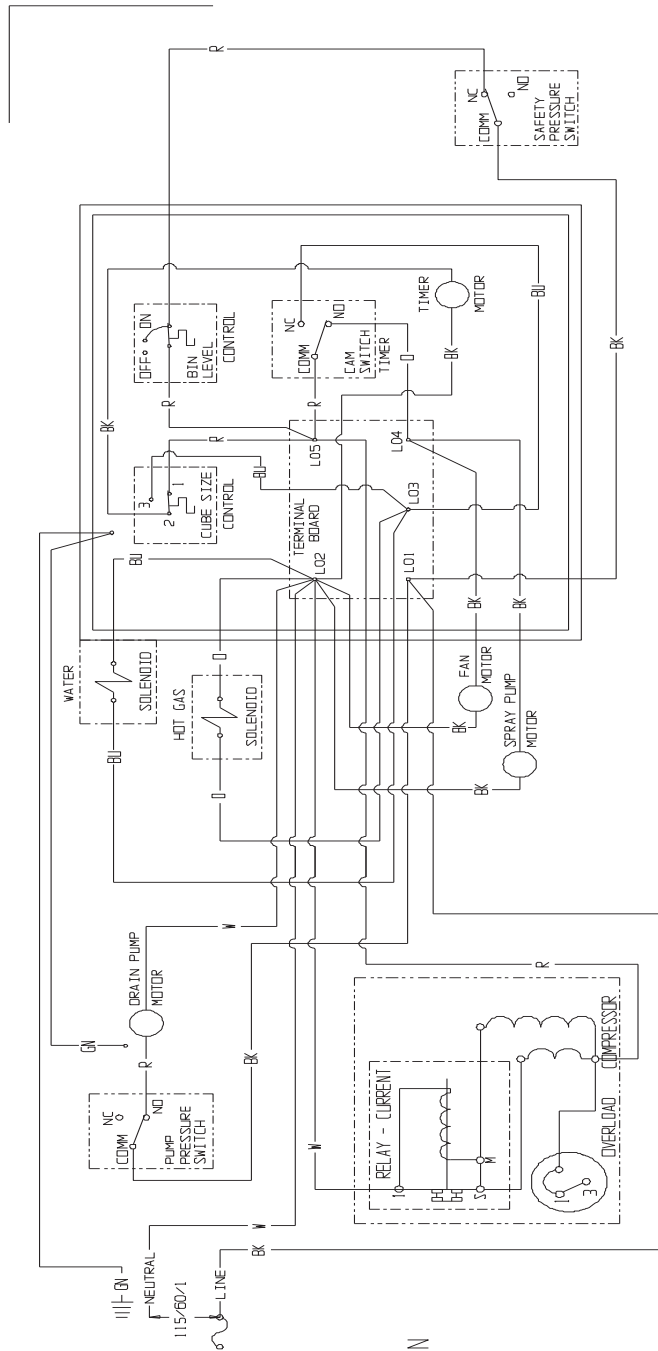
03-1407-06 Washer

03-1410-03 Lockwasher

03-3811-01 Screw

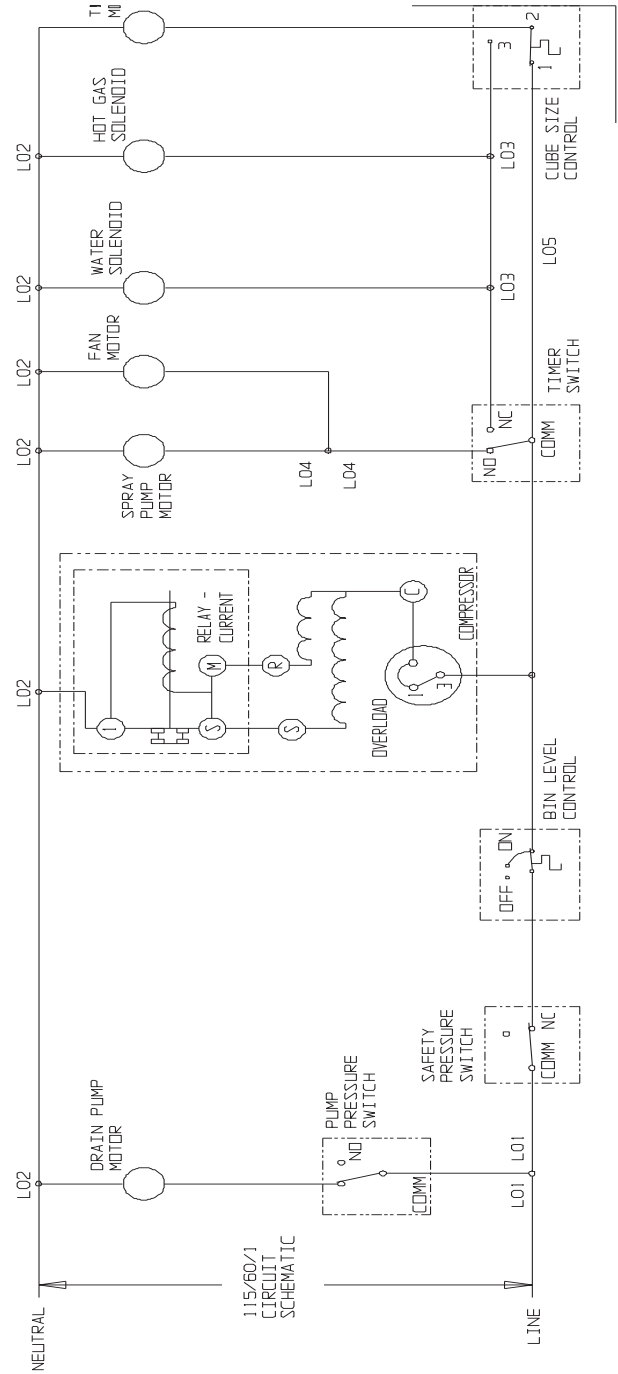
DCE33 Service Parts

Drain Pump Model Wiring Diagram - Prior to August 2000



THIS UNIT SHOWN IN THE TIMED
PORTION OF THE FREEZING CYCLE
WITH THE DRAIN PUMP IN OPERATION

THIS UNIT MUST BE GROUNDED



INSTALLATION INSTRUCTIONS

1. UNIT MUST BE INSTALLED LEVEL AND IN ACCORDANCE WITH LOCAL CODES.
2. CONNECT A POTABLE WATER LINE TO 1/4 MPT ON WATER VALVE LOCATED IN THE FRONT OF THE MACHINE.
3. ROUTE 3/8" I.D. FLEXIBLE HOSE FROM LEFT FRONT OF MACHINE PER INSTRUCTIONS FOR DCE33A IN SERVICE MANUAL.
4. CONNECT THE ELECTRICAL POWER CORD TO A PROPERLY WIRED AND GROUNDED RECEPTICAL.
5. BY TURNING THE ON/OFF SWITCH/BIN LEVEL CONTROL DIAL IN A CLOCKWISE DIRECTION TO APPROXIMATE OPERATING RANGE MARKING, UNIT IS NOW IN AUTOMATIC OPERATION.

A36943-001

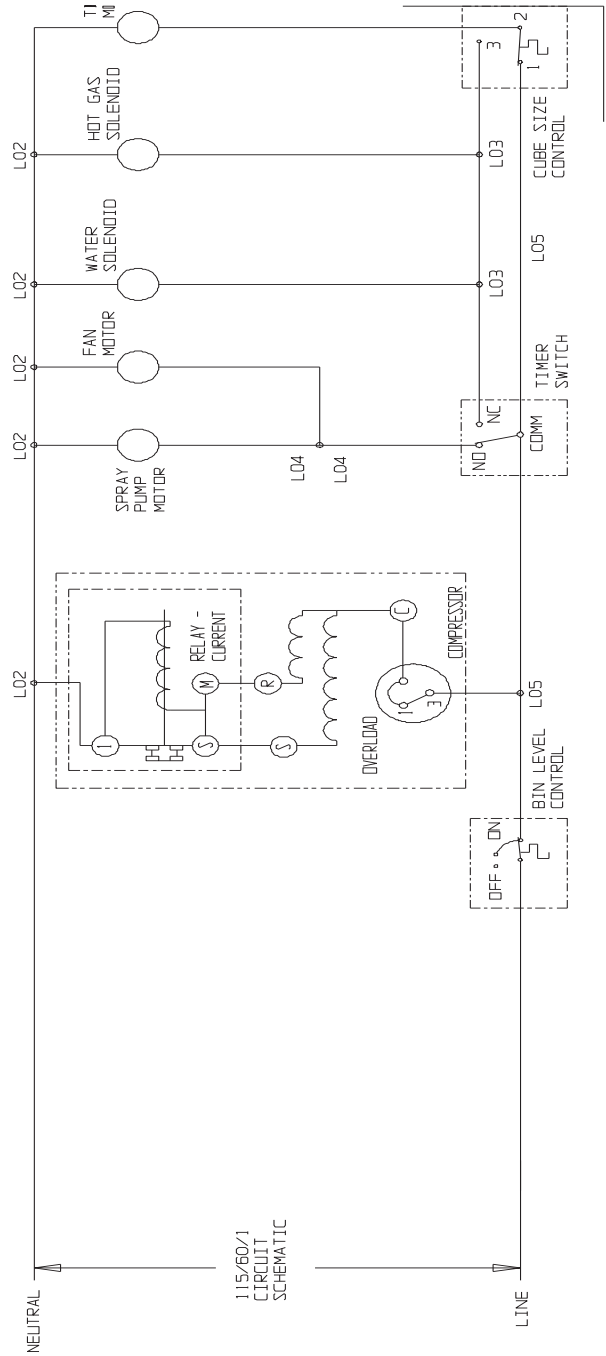
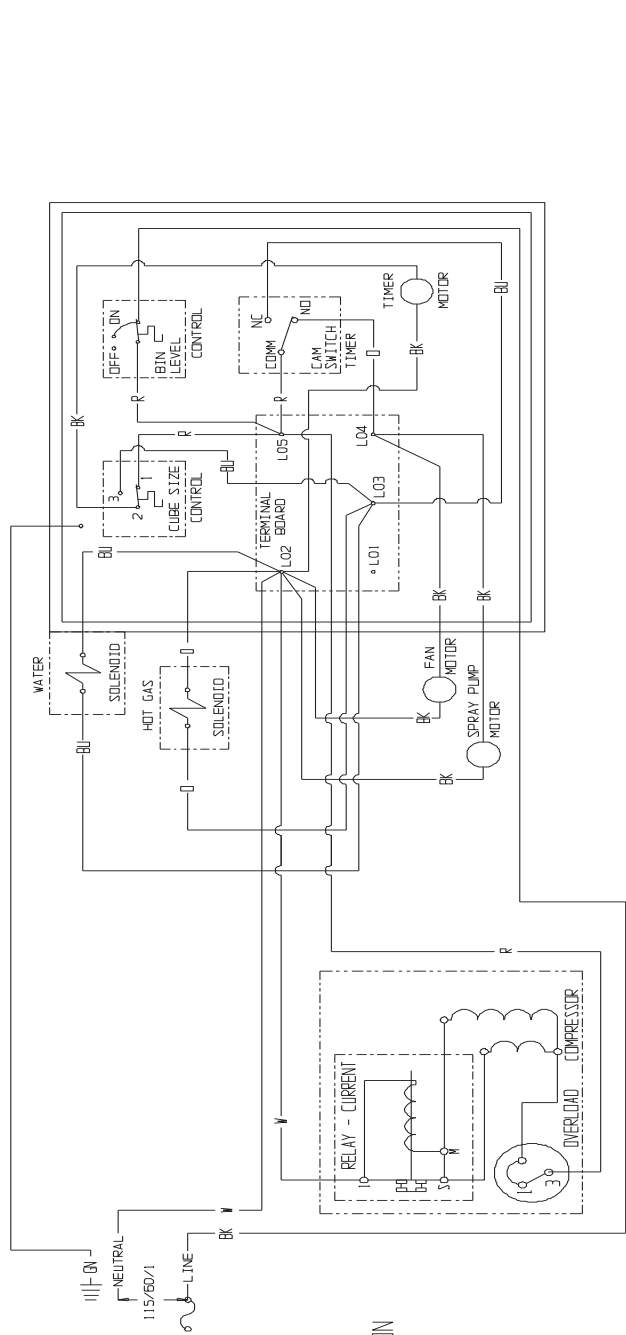
DCE33 Service Parts

Gravity Drain Model Wiring Diagram - Prior to August 2000

A36940-001

THIS UNIT SHOWN IN THE TIMED
PORTION OF THE FREEZING CYCLE
WITH THE DRAIN PUMP IN OPERATION

THIS UNIT MUST BE GROUNDED

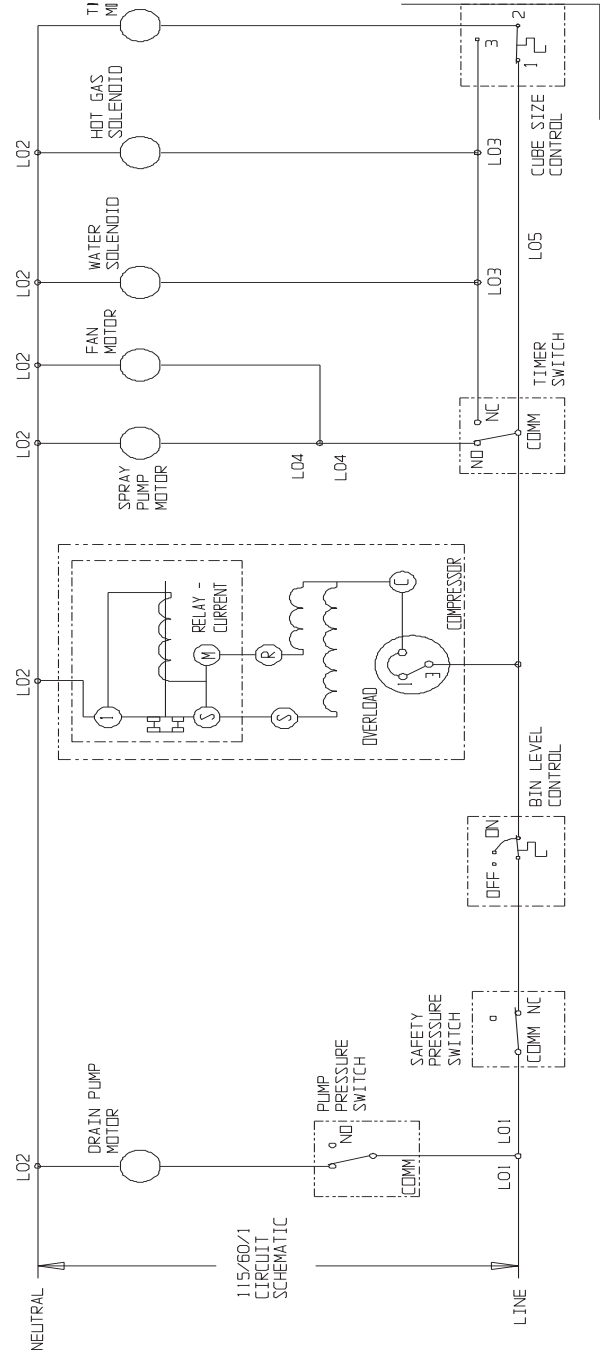
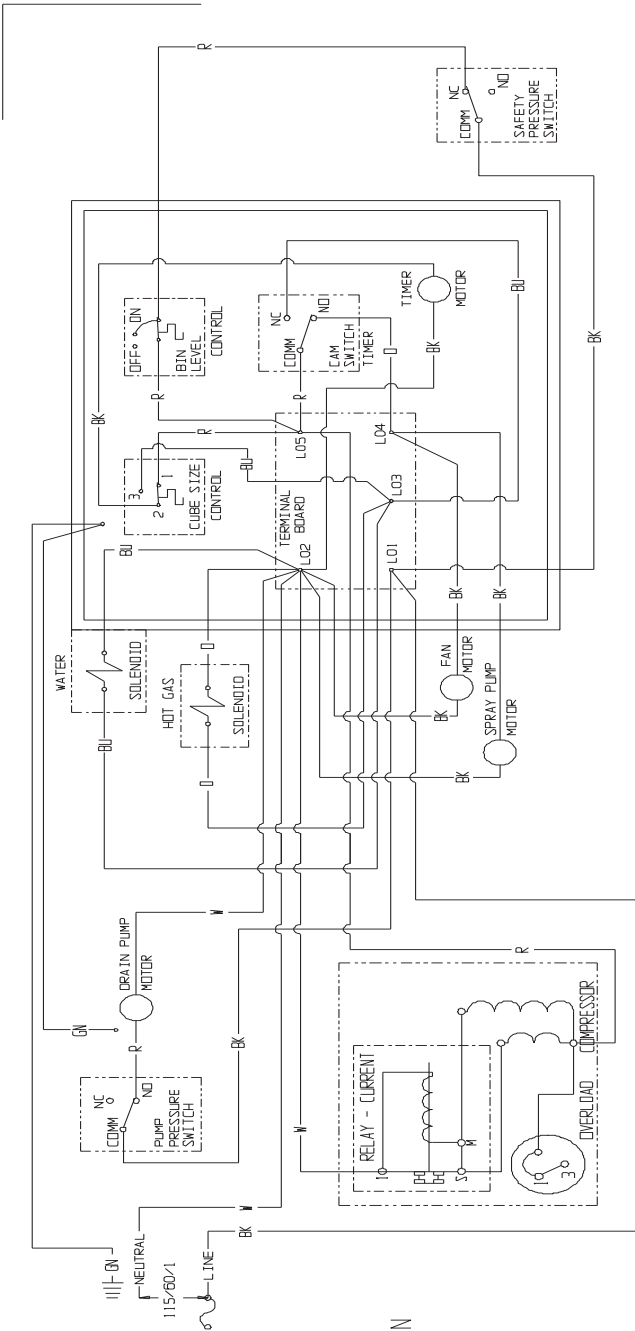


INSTALLATION INSTRUCTIONS

1. UNIT MUST BE INSTALLED LEVEL AND IN ACCORDANCE WITH LOCAL CODES.
2. CONNECT A POTABLE WATER LINE TO 1/4 MPT ON WATER VALVE LOCATED IN THE FRONT OF MACHINE.
3. ROUTE 3/8" I.D. FLEXIBLE HOSE FROM LEFT FRONT OF MACHINE PER INSTRUCTIONS FOR DCE33A IN SERVICE MANUAL.
4. CONNECT THE ELECTRICAL POWER CORD TO A PROPERLY WIRED AND GROUNDED RECEPTICAL.
5. BY TURNING THE ON/OFF SWITCH/RAIN LEVEL CONTROL DIAL IN A CLOCKWISE DIRECTION TO APPROXIMATE OPERATING RANGE MARKING, UNIT IS NOW IN AUTOMATIC OPERATION.

DCE33 Service Parts

Drain Pump Model Wiring Diagram after August 2000 up to D series



A36943-001

THIS UNIT SHOWN IN THE TIMED
PORTION OF THE FREEZING CYCLE
WITH THE DRAIN PUMP IN OPERATION

THIS UNIT MUST BE GROUNDED

INSTALLATION INSTRUCTIONS

1. UNIT MUST BE INSTALLED LEVEL AND IN ACCORDANCE WITH LOCAL CODES.
2. CONNECT A POTABLE WATER LINE TO 1/4" MPT ON WATER VALVE LOCATED IN THE FRONT OF MACHINE.
3. ROUTE 3/8" I.D. FLEXIBLE HOSE FROM LEFT FRONT OF MACHINE PER INSTRUCTIONS FOR DCE33A IN SERVICE MANUAL.
4. CONNECT THE ELECTRICAL POWER CORD TO A PROPERLY WIRED AND GROUNDED RECEPTICAL.
5. BY TURNING THE ON/OFF SWITCH/BIN LEVEL CONTROL DIAL IN A CLOCKWISE DIRECTION TO APPROXIMATE OPERATING RANGE MARKING, UNIT IS NOW IN AUTOMATIC OPERATION.

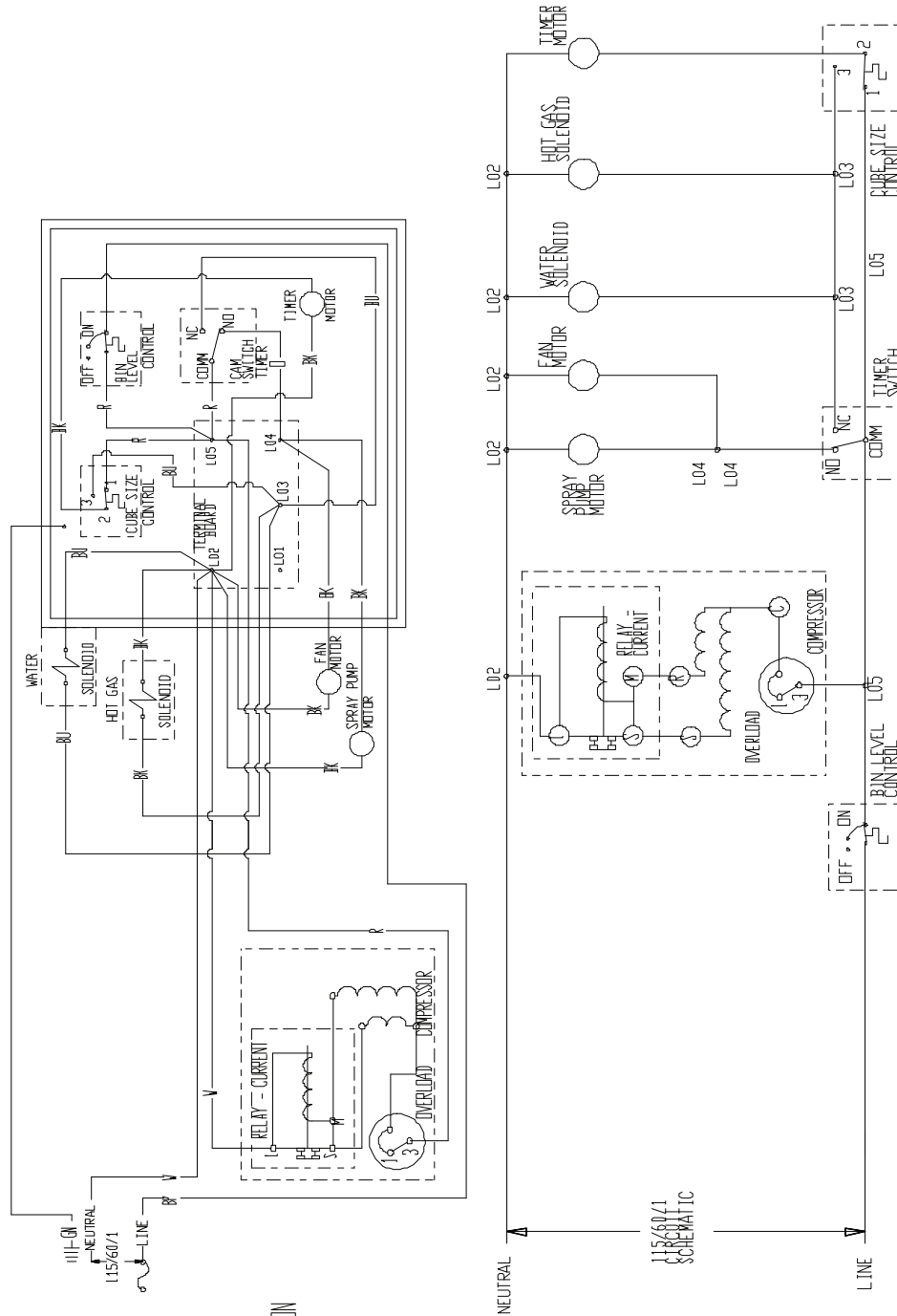
DCE33 Service Parts

Gravity Drain Model Wiring Diagram after August 2000 up to D series

A36940-001

THIS UNIT SHOWN IN THE TIMED
PORTION OF THE FREEZING CYCLE
WITH THE DRAIN PUMP IN OPERATION

THIS UNIT MUST BE GROUNDED

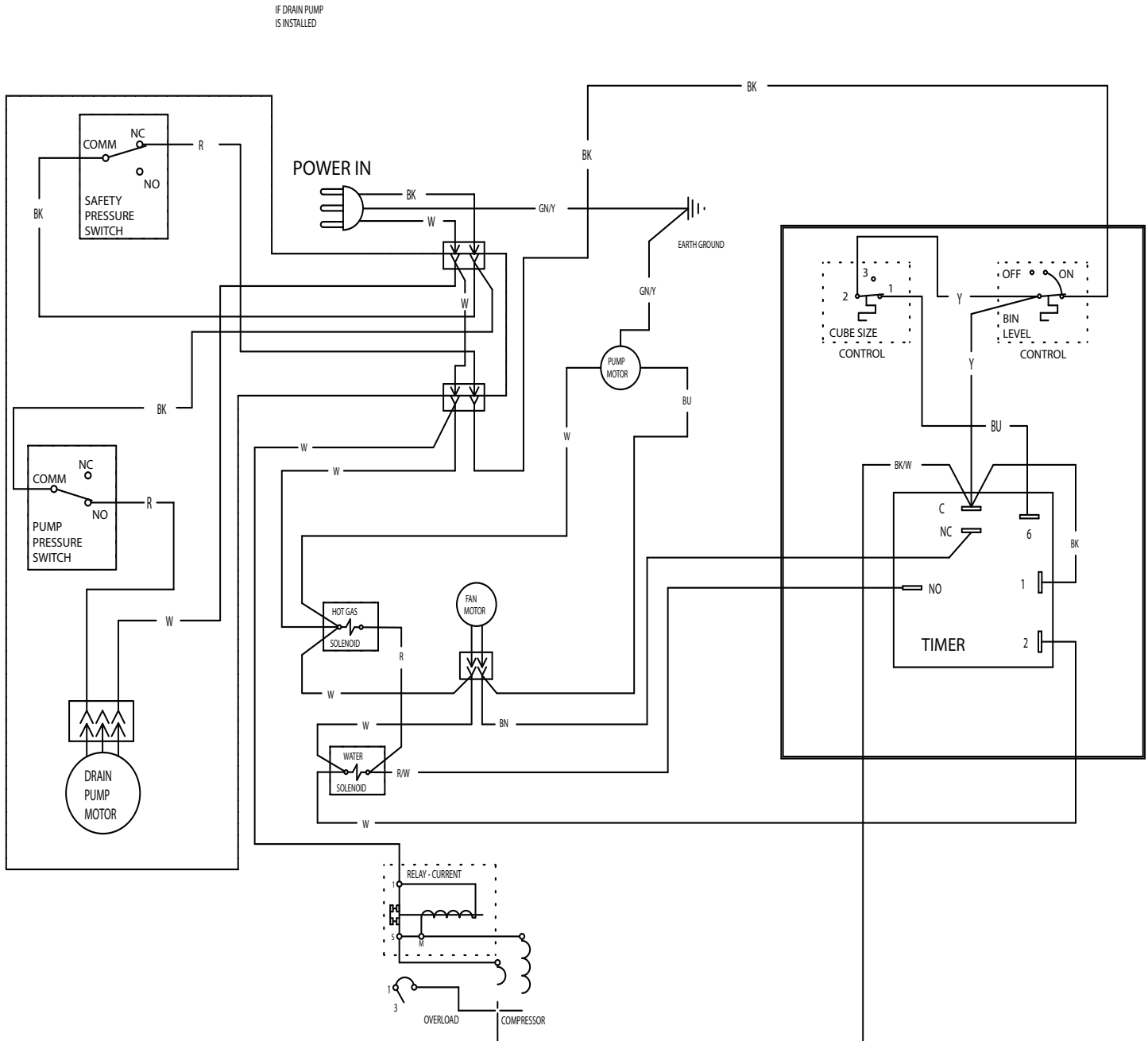


INSTALLATION INSTRUCTIONS

1. UNIT MUST BE INSTALLED LEVEL AND IN ACCORDANCE WITH LOCAL CODES.
2. CONNECT A POTABLE WATER LINE TO 1/4" MPT ON WATER VALVE LOCATED IN THE FRONT OF THE MACHINE.
3. ROUTE 260° A.P.D. FLEXIBLE HOSE FROM LEFT FRONT OF MACHINE PER INSTRUCTIONS FOR DESHA IN SERVICE MANUAL.
4. CONNECT THE ELECTRICAL POWER CORD TO A PROPERLY WIRED AND GROUNDING RECEPTICAL.
5. BY TURNING THE ON/OFF SWITCH/ON LEVEL CONTROL DIAL IN A COUNTERWISE DIRECTION TO APPROXIMATELY 12 O'CLOCK POSITION, UNIT IS NOW IN AUTOMATIC OPERATION.

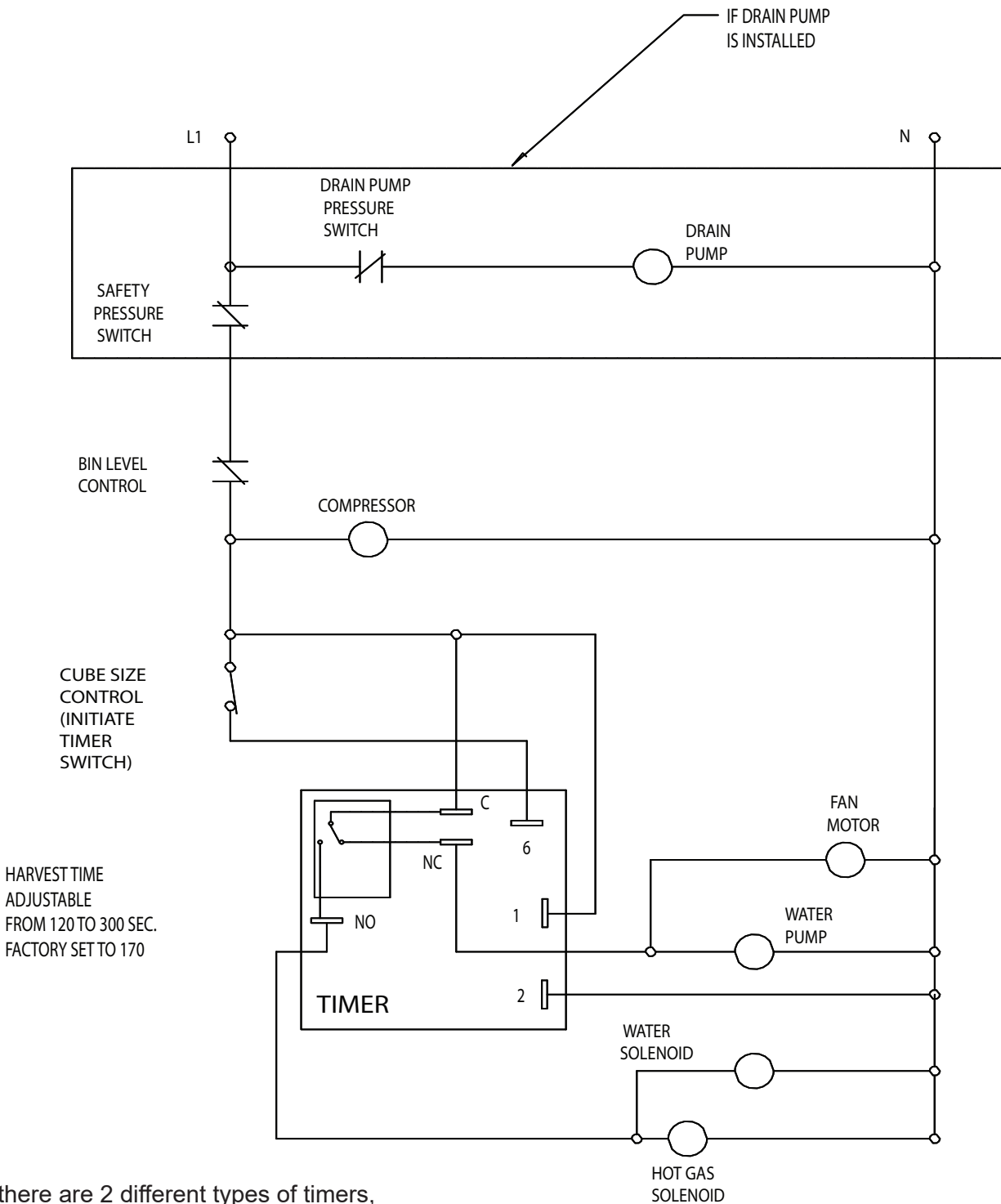
DCE33 Service Parts

Wiring Diagram for DCE33A-1BD, DCE33PA-1BD, DCE33A-1SSD or DCE33PA-1SSD



DCE33 Service Parts

Schematic Diagram DCE33A-1BD, DCE33PA-1BD, DCE33A-1SSD or DCE33PA-1SSD



NOTE there are 2 different types of timers, electronic timers (models ending in "D") and electromechanical timers (white plastic cam type). For electronic timers connect as follows; Yellow to terminal 3 & Blue to terminal 6 (note term 4 is not used). For electromechanical timers (white cam type) connect as follows; Black to terminal 3, Red to terminal 6 and Blue to terminal 4.

SWITCHES ON THIS UNIT SHOWN IN TIMED PORTION OF THE FREEZE CYCLE WITH DRAIN PUMP IN OPERATION

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