



JDF-4D

REFRESH SERVER +



ILLUSTRATED PARTS CATALOG

Designs, materials, weights, specifications, and dimensions for equipment or replacement parts are subject to change without notice.

BUNN-O-MATIC CORPORATION

POST OFFICE BOX 3227

SPRINGFIELD, ILLINOIS 62708-3227

PHONE: (217) 529-6601 FAX: (217) 529-6644



BUNN-O-MATIC COMMERCIAL PRODUCT WARRANTY

Bunn-O-Matic Corp. ("BUNN") warrants equipment manufactured by it as follows:

- 1) Airpots, thermal carafes, decanters, GPR servers, iced tea/coffee dispensers, MCR/MCP/MCA single cup brewers, thermal servers and ThermoFresh® servers (mechanical and digital) 1 year parts and 1 year labor.
- 2) All other equipment - 2 years parts and 1 year labor plus added warranties as specified below:
 - a) Electronic circuit and/or control boards - parts and labor for 3 years.
 - b) Compressors on refrigeration equipment - 5 years parts and 1 year labor.
 - c) Grinding burrs on coffee grinding equipment to grind coffee to meet original factory screen sieve analysis - parts and labor for 4 years or 40,000 pounds of coffee, whichever comes first.

These warranty periods run from the date of installation BUNN warrants that the equipment manufactured by it will be commercially free of defects in material and workmanship existing at the time of manufacture and appearing within the applicable warranty period. This warranty does not apply to any equipment, component or part that was not manufactured by BUNN or that, in BUNN's judgment, has been affected by misuse, neglect, alteration, improper installation or operation, improper maintenance or repair, non periodic cleaning and descaling, equipment failures related to poor water quality, damage or casualty. In addition, the warranty does not apply to replacement of items subject to normal use including but not limited to user replaceable parts such as seals and gaskets. This warranty is conditioned on the Buyer 1) giving BUNN prompt notice of any claim to be made under this warranty by telephone at (217) 529-6601 or by writing to Post Office Box 3227, Springfield, Illinois 62708-3227; 2) if requested by BUNN, shipping the defective equipment prepaid to an authorized BUNN service location; and 3) receiving prior authorization from BUNN that the defective equipment is under warranty.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY OTHER WARRANTY, WRITTEN OR ORAL, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF EITHER MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. The agents, dealers or employees of BUNN are not authorized to make modifications to this warranty or to make additional warranties that are binding on BUNN. Accordingly, statements by such individuals, whether oral or written, do not constitute warranties and should not be relied upon.

If BUNN determines in its sole discretion that the equipment does not conform to the warranty, BUNN, at its exclusive option while the equipment is under warranty, shall either 1) provide at no charge replacement parts and/or labor (during the applicable parts and labor warranty periods specified above) to repair the defective components, provided that this repair is done by a BUNN Authorized Service Representative; or 2) shall replace the equipment or refund the purchase price for the equipment.

THE BUYER'S REMEDY AGAINST BUNN FOR THE BREACH OF ANY OBLIGATION ARISING OUT OF THE SALE OF THIS EQUIPMENT, WHETHER DERIVED FROM WARRANTY OR OTHERWISE, SHALL BE LIMITED, AT BUNN'S SOLE OPTION AS SPECIFIED HEREIN, TO REPAIR, REPLACEMENT OR REFUND.

In no event shall BUNN be liable for any other damage or loss, including, but not limited to, lost profits, lost sales, loss of use of equipment, claims of Buyer's customers, cost of capital, cost of down time, cost of substitute equipment, facilities or services, or any other special, incidental or consequential damages.

392, A Partner You Can Count On, Air Infusion, AutoPOD, AXIOM, BrewLOGIC, BrewMETER, Brew Better Not Bitter, BrewWISE, BrewWIZARD, BUNN Espresso, BUNN Family Gourmet, BUNN Gourmet, BUNN Pour-O-Matic, BUNN, BUNN with the stylized red line, BUNNlink, Bunn-O-Matic, Bunn-O-Matic, BUNNserve, BUNNSERVE with the stylized wrench design, Cool Froth, DBC, Dr. Brew stylized Dr. design, Dual, Easy Pour, EasyClear, EasyGard, FlavorGard, Gourmet Ice, Gourmet Juice, High Intensity, iMIX, Infusion Series, Intellisteam, My Café, Phase Brew, PowerLogic, Quality Beverage Equipment Worldwide, Respect Earth, Respect Earth with the stylized leaf and coffee cherry design, Safety-Fresh, savemycoffee.com, Scale-Pro, Silver Series, Single, Smart Funnel, Smart Hopper, SmartWAVE, Soft Heat, SplashGard, The Mark of Quality in Beverage Equipment Worldwide, ThermoFresh, Titan, trifacta, TRIFECTA (stylized logo), Velocity Brew, Air Brew, Beverage Bar Creator, Beverage Profit Calculator, Brew better, not bitter., Build-A-Drink, BUNNSource, Coffee At Its Best, Cyclonic Heating System, Daypart, Digital Brewer Control, Element, Milk Texturing Fusion, Nothing Brews Like a BUNN, Picture Prompted Cleaning, Pouring Profits, Signature Series, Sure Tamp, Tea At Its Best, The Horizontal Red Line, Ultra are either trademarks or registered trademarks of Bunn-O-Matic Corporation. The commercial trifacta® brewer housing configuration is a trademark of Bunn-O-Matic Corporation.

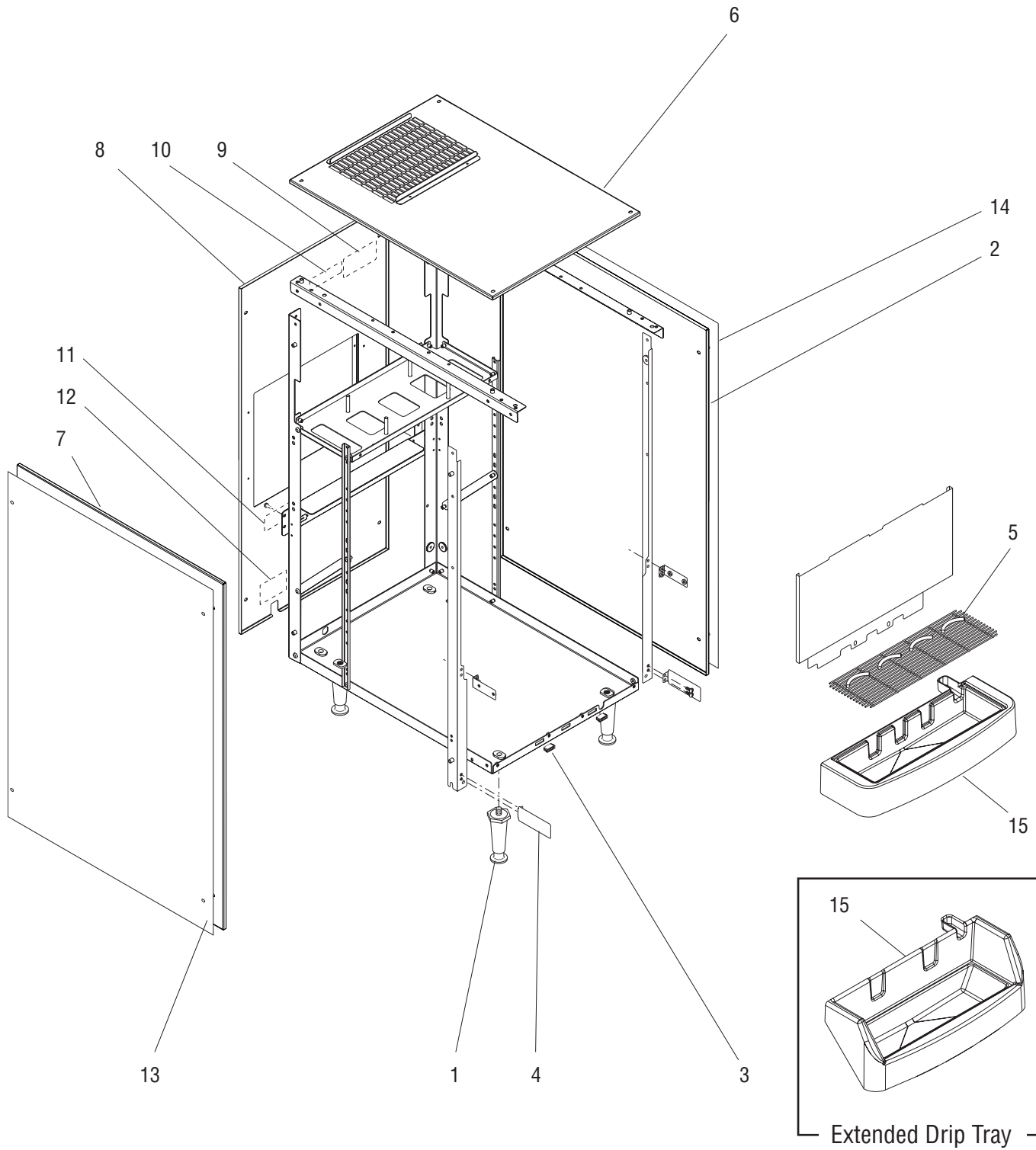
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MAIN FRAME & COVERS

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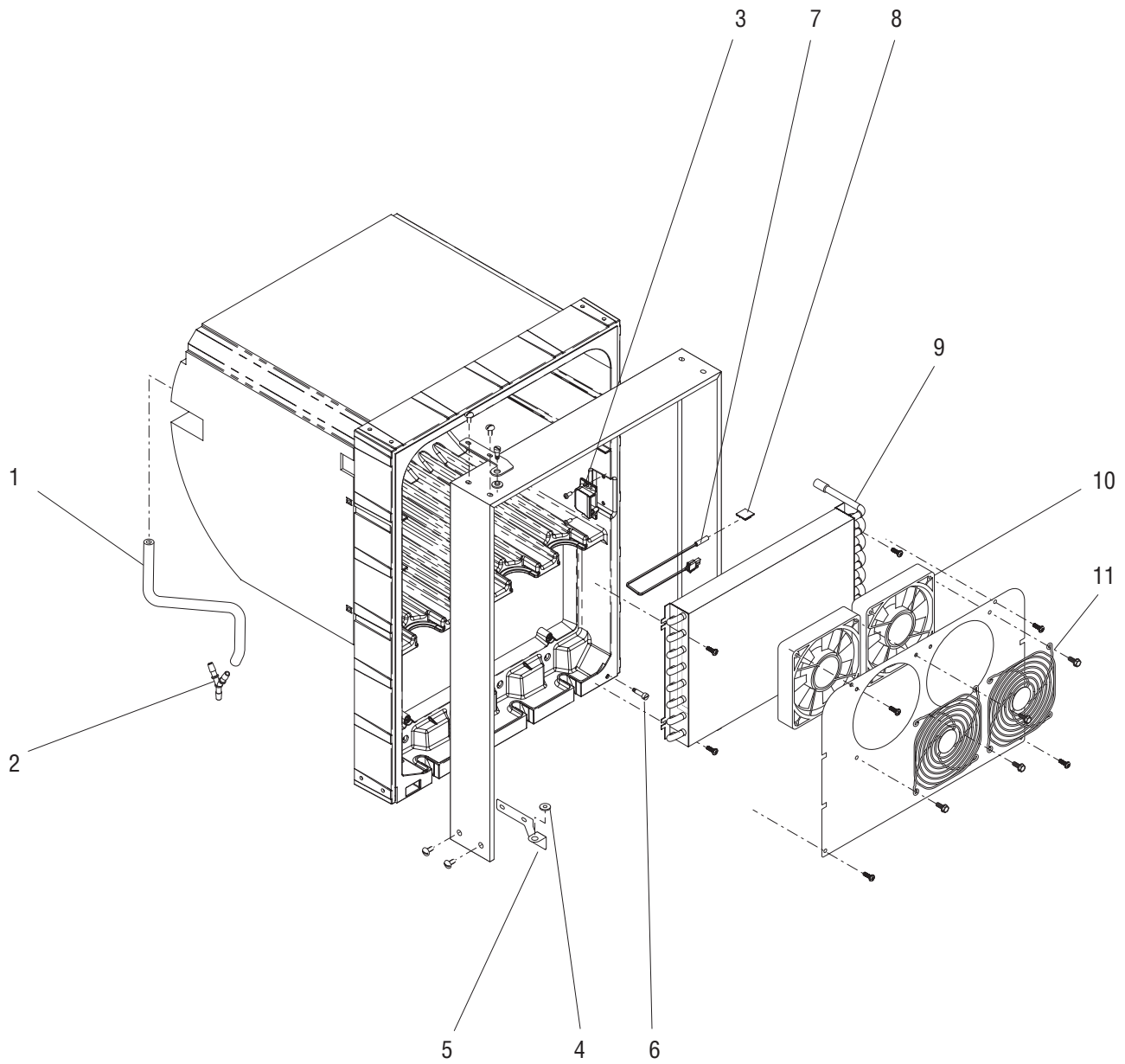
MAIN FRAME & COVERS

ITEM	PART NO.	QTY.	DESCRIPTION
1	26528.0000 03996.0000	4 4	Leg Pad, Non-skid
2	52792.0000 02331.0001 01512.0000	1 4 1	Panel w/decals, Right (Includes item 14) Screw, Truss Head, Blk #10-32 x .38" Lockwasher, Ext.-tooth #10
3	21436.0000	2	Catch, Magnetic
4	38617.0001 02308.0000	2 4	Bracket Screw, Pan Head #8-32 x .38"
5	39613.0001	1	Grate, Drip Tray
6	51415.0001 02331.0001 01512.0000	1 4 1	Panel, Top Screw, Truss Head, Blk #10-32 x .38" Lockwasher, Ext.-tooth #10
7	52791.0000 02331.0001 01512.0000	1 4 1	Panel w/decals, Left (Includes item 13) Screw, Truss Head, Blk #10-32 x .38" Lockwasher, Ext.-tooth #10
8	50234.1001 02331.0001 01512.0000	1 4 1	Panel w/decals, Rear (Includes items 9 - 12) Screw, Truss Head, Blk #10-32 x .38" Lockwasher, Ext.-tooth #10
9	27442.0000	1	Decal, Warning - Moving Parts
10	33461.0001	1	Decal, Refrigerant Charge
11	00656.0001	1	Decal, Comply To Plumbing Code
12	00986.0002	1	Decal, Warning - Electrical
13	52696.0000	1	Decal, Side Panel, Left
14	52697.0000	1	Decal, Side Panel, Right
15	38764.1007 40789.1001	1 1	Drip Tray (Standard) Drip Tray (Extended)



CABINET ASSY

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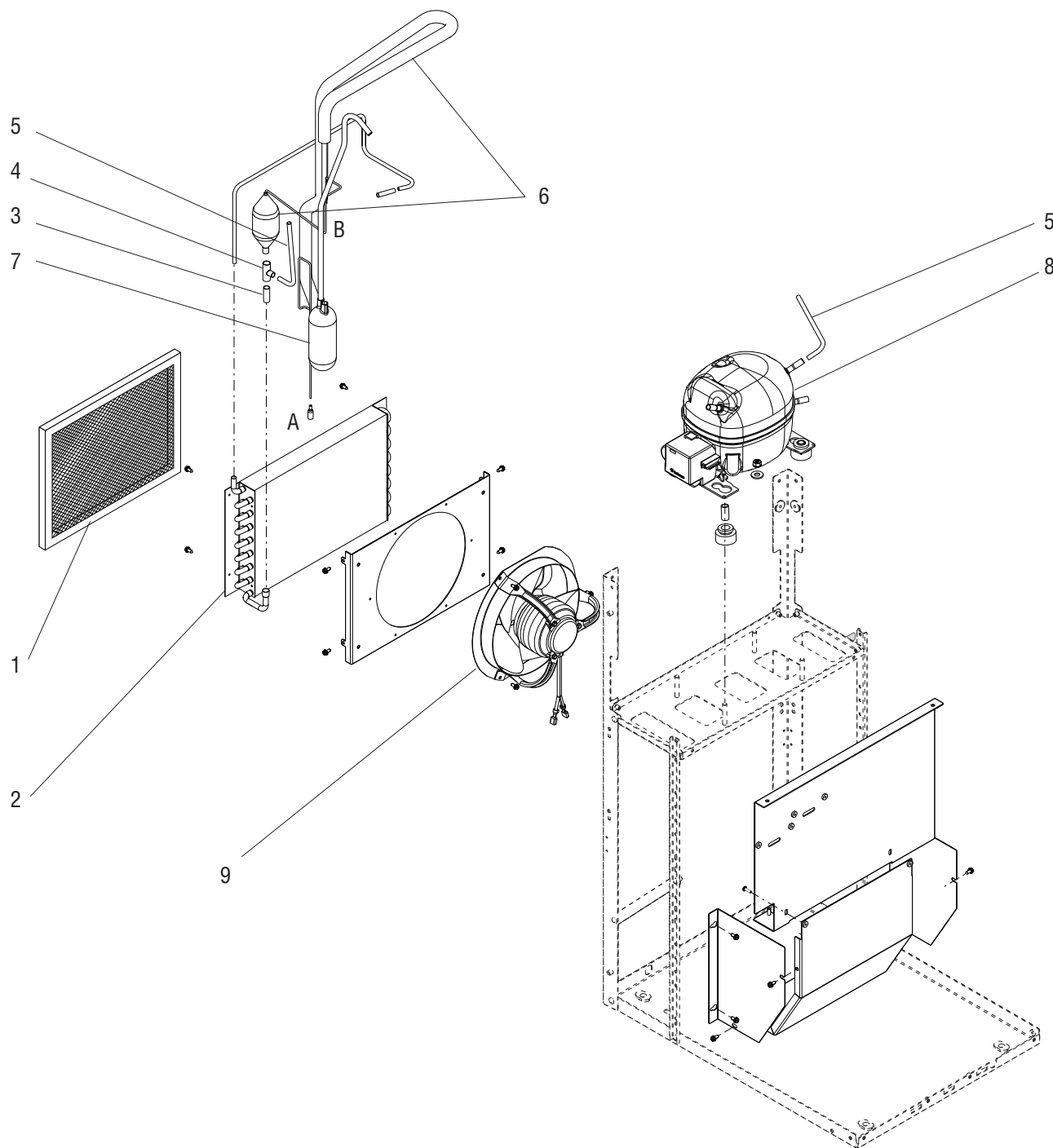


CABINET ASSY

ITEM	PART NO.	QTY.	DESCRIPTION
1		1	Tube, Silicone .25"ID x 9.5" (Order item 12)
2	37290.0001	1	"Y" Fitting .25" Barb
3	34666.0001	1	Catch, Door Latch
	01382.0003	2	Screw, Truss Head #6-32 x .38"
4	34362.0006	2	Bushing
5	41152.0000	1	Bracket, Lower Hinge
6	29504.0006	1	Screw, Shoulder (Door Lock)
7	43694.0000	1	Sensor Assy, Temperature
8	33669.0000	1	Clip, Adhesive Back
9	41041.0000	1	Coil, Water
	24544.0000	4	Screw, Pan Head #8-18
10	33297.0000	2	Fan Assy.
11	34010.0001	2	Guard, Fan
	38616.0000	8	Screw, Hex Head #10-24

Items listed below are not illustrated

12	11707.1000	-	Tube, Silicone .25"ID x 12.0" (Use as required)
13	52332.1000	1	Caddie (Includes 4 Caddies)

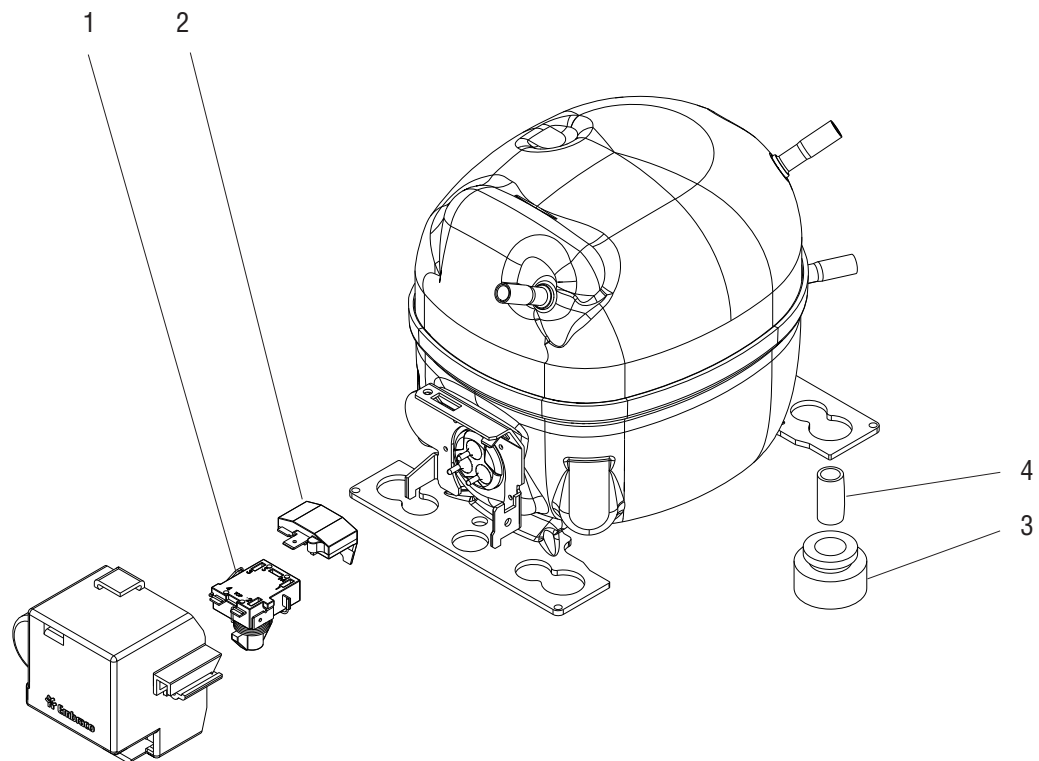


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NOTE: Letters appearing within this illustration correspond to matching connections in other illustrations.

REFRIGERATION COMPONENTS (EMBRACO COMPRESSOR)

ITEM	PART NO.	QTY.	DESCRIPTION
1	33856.1000	1	Air Filter
2	32176.0000 02335.0001	1 4	Condenser Screw, Crimpite #8 x .38"
3	52002.0000	1	Tube (Requires brazing to install)
4	00396.0002	1	Tee (Requires brazing to install)
5	38937.0000	2	Tube (Requires brazing to install)
6	34016.1004	1	Filter Dryer Assy (Requires brazing to install)
7	32776.0000	1	Accumulator
8	----- 23700.0000	1 4	Compressor (See COMPRESSOR COMPONENTS) Nut .25"-20
9	----- 27243.0000	1 3	Fan Assy (See FAN ASSEMBLY) Screw #8-36 x .437"
10	M2546.1000	-	Tape, Tube Insulating (Use as required)
11	M2337.1000	-	Insulation, Tube 25/50 .50" ID x 72.0" (Cut to required length)



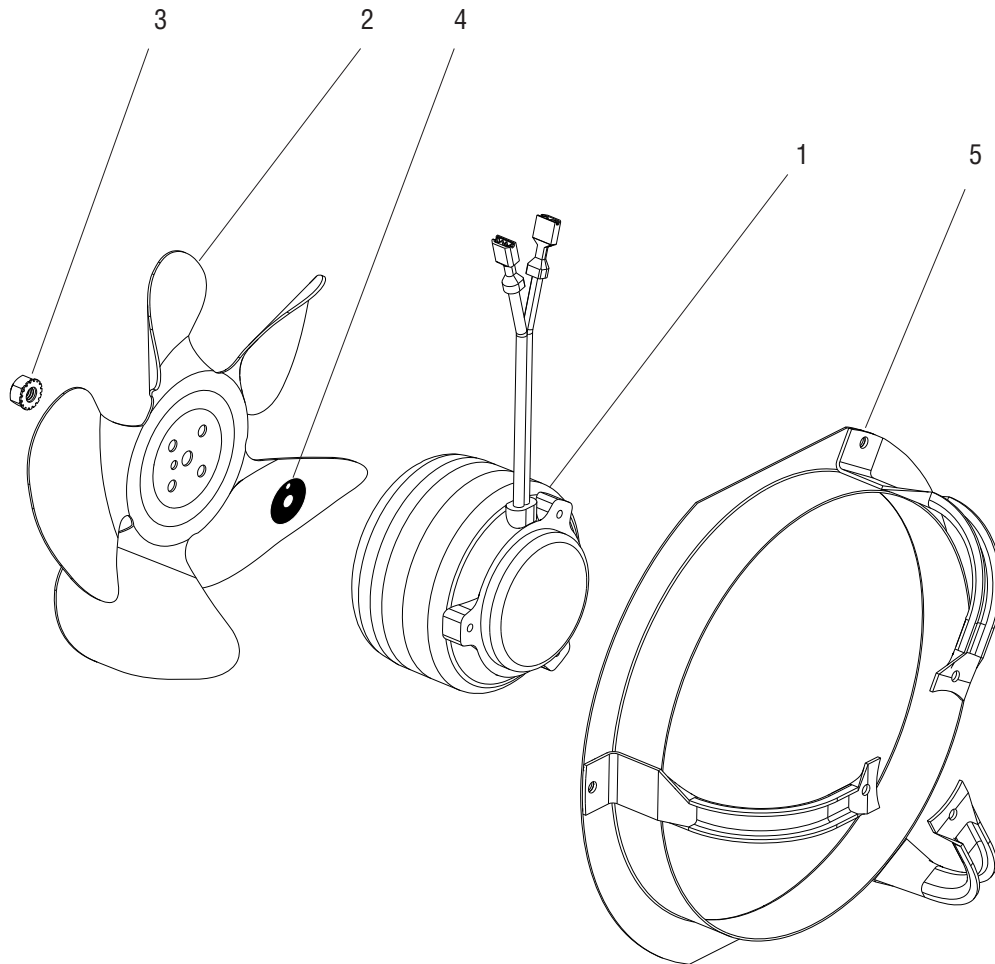
COMPRESSOR COMPONENTS (EMBRACO COMPRESSOR)

ITEM	PART NO.	QTY.	DESCRIPTION
-	45950.1000	1	Compressor 120V (Includes items 1 - 4)
1	45952.0000	1	Relay, Compressor 120V
2	45953.0000	1	Overload Protector 120V
3	32797.0000	4	Grommet
4	32798.0000	4	Sleeve



FAN ASSEMBLY

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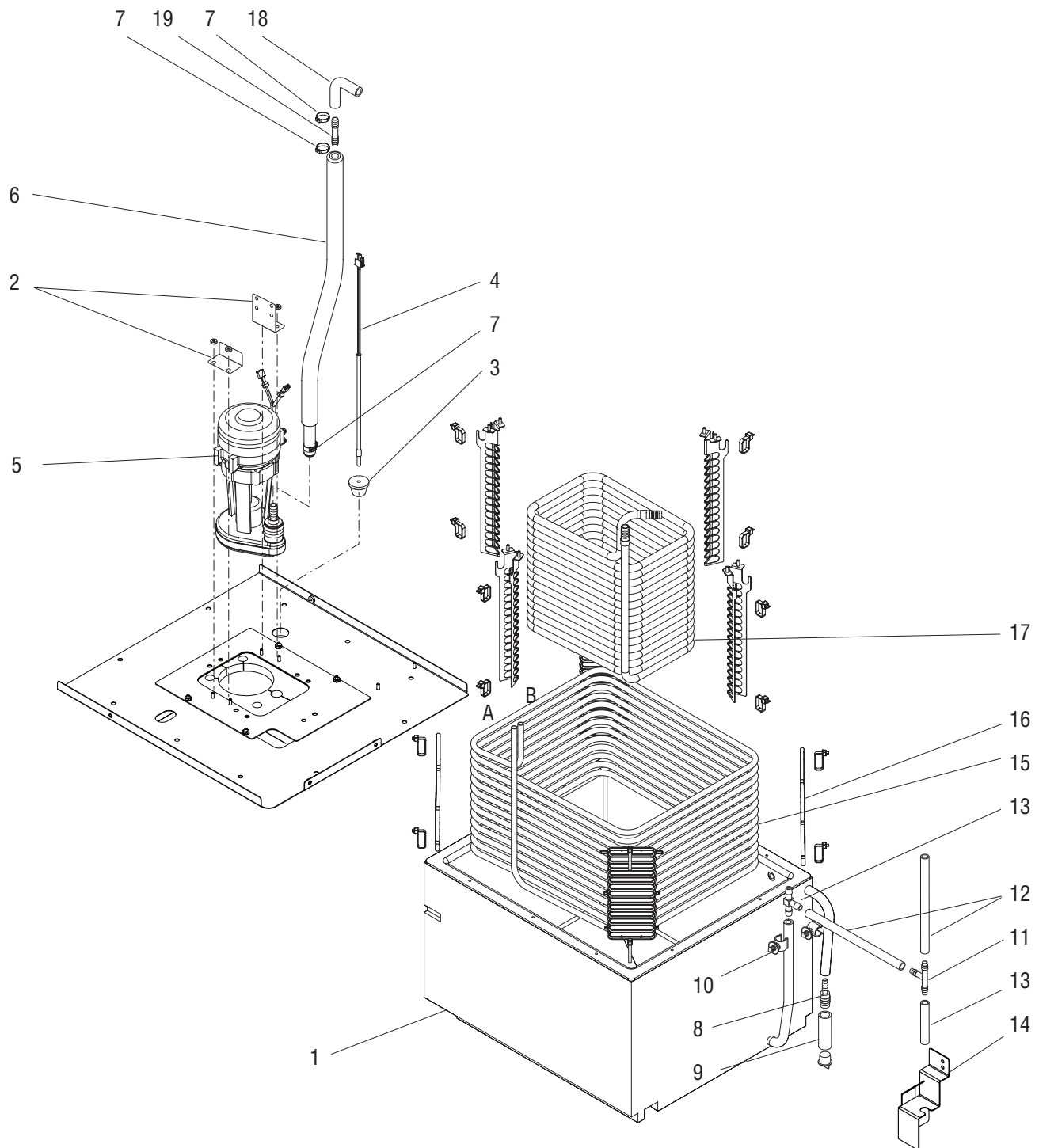
FAN ASSEMBLY

ITEM	PART NO.	QTY.	DESCRIPTION
-	49292.1000	1	Fan Assy 120V (Includes items 1-5)
1	33603.0000	1	Motor Assy 120V
2	33602.0000	1	Blade, Fan
3	23700.0000	1	Nut .25"-20
4	27258.0000	1	Silencer
5	33601.0000	1	Shroud, Fan



WATER TANK ASSY

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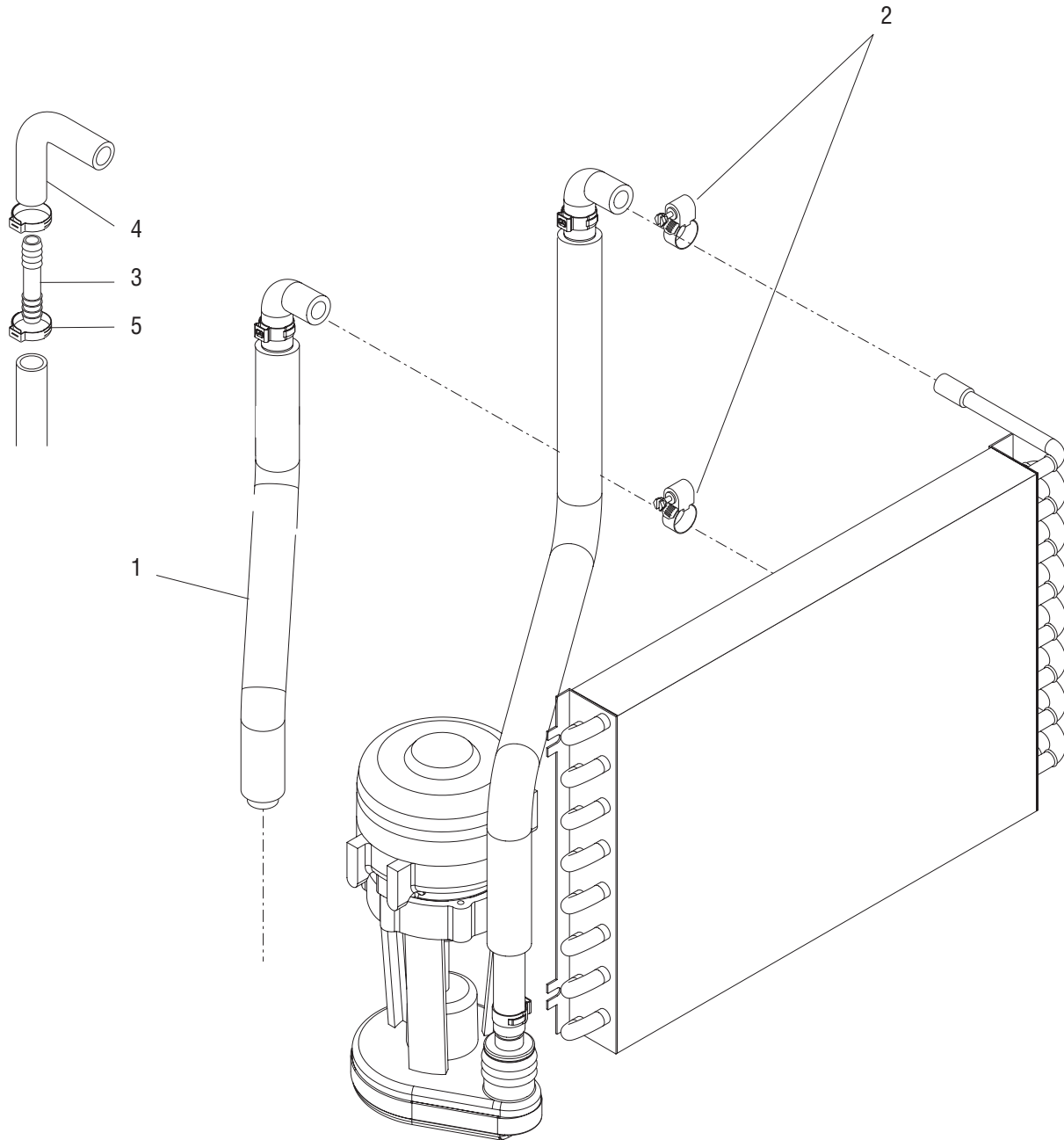


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NOTE: Letters appearing within this illustration correspond to matching connections in other illustrations.

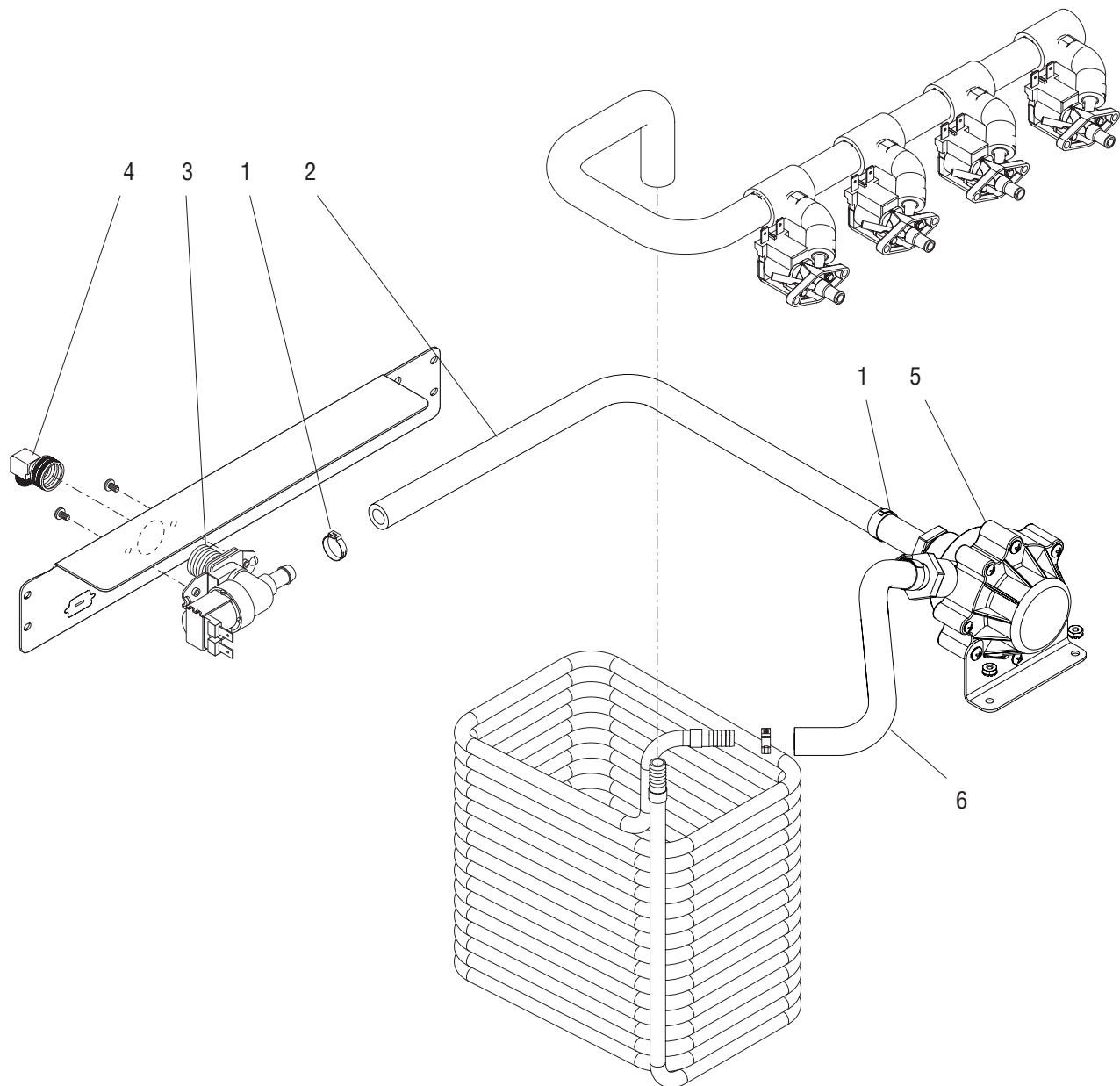
WATER TANK ASSY

ITEM	PART NO.	QTY.	DESCRIPTION
1	39379.0000	1	Tank Assy
	24544.0000	6	Screw, Pan Head #8-18
2	38833.0000	1	Bracket (Left Side)
	38833.0001	1	Bracket (Right Side)
	00973.0001	4	Nut, Keps #6-32
3	33801.0003	1	Grommet
4	28891.1000	1	Probe, Temperature & Dry Plug
5	39655.1002	1	Pump Assy 120V
	27243.0000	4	Screw #8-36 x .437"
6		1	Hose, Flex .38" ID x .625" OD x 27.0" (Order item 23)
7	21275.0003	3	Clamp .57" - .70"
8	33068.0000	1	Fitting .375" to .25" Barb
9		1	Tube, Silicone .25" ID x 4.0" (Order item 22)
10	27410.0000	2	Clip, Tube Mounting
11	35077.0000	2	Tee .25" Barb
12		2	Tube, Silicone .312" ID x 6.0" (Order item 21)
13		1	Tube, Silicone .312" ID x 3.25" (Order item 21)
14	38662.0001	1	Bracket
	02308.0000	2	Screw, Pan Head #8-32 x .38"
15	47581.0001	1	Evaporator Coil Assy (Includes item 16)
16	32583.0000	4	Spacer
17	39386.0000	1	Product Coil
18	45928.0000	1	Elbow
19	51902.0000	1	Connector
20	M2337.1000	-	Insulation, Tube 25/50 .50" ID x 72.0" (Cut to required length)
21	34315.1000	-	Hose, Clear PVC .312" ID x .50" OD x 12.0" (Cut to required length)
	34315.1001	-	Hose, Clear PVC .312" ID x .50" OD x 36.0" (Cut to required length)
	34315.1002	-	Hose, Clear PVC .312" ID x .50" OD x 120.0" (Cut to required length)
22	11707.1000	-	Tube, Silicone .25" ID x 12.0" (Cut to required length)
23	45848.1000	-	Hose, Flex .38" ID x 12.0" (Cut to required length)
	45848.1001	-	Hose, Flex .38" ID x 36.0" (Cut to required length)
	45848.1002	-	Hose, Flex .38" ID x 120.0" (Cut to required length)



CIRCULATION PUMP & LINES

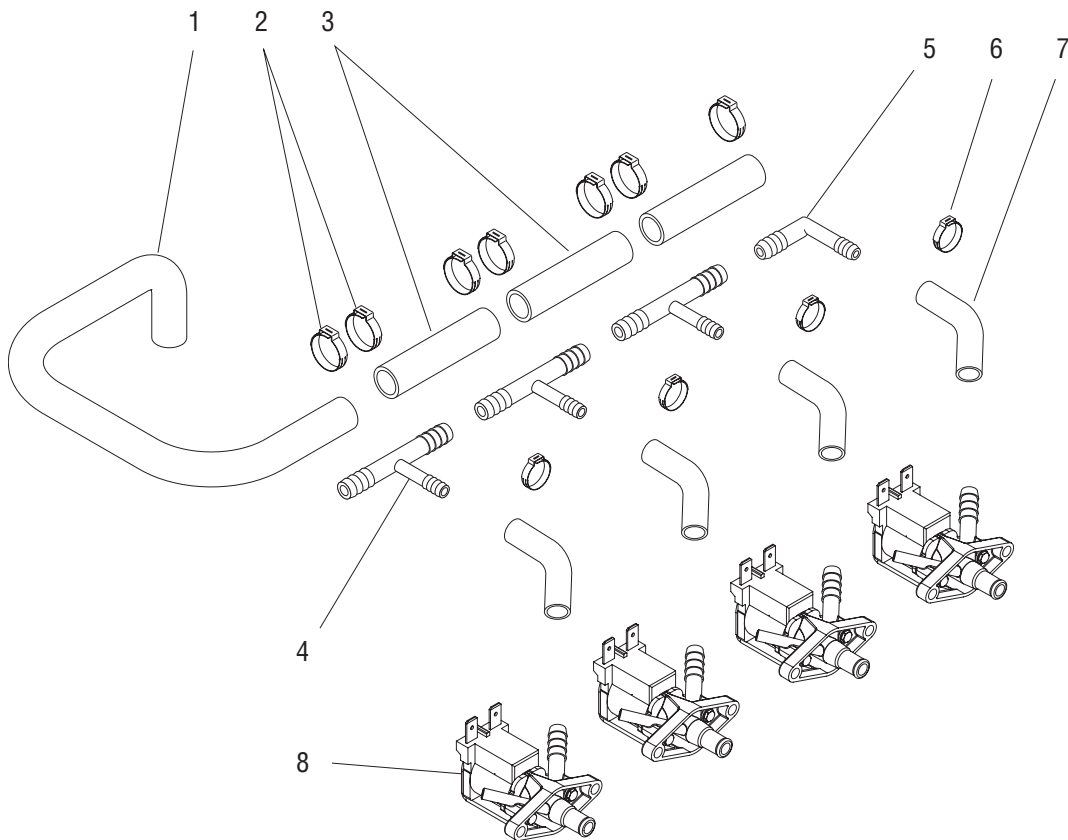
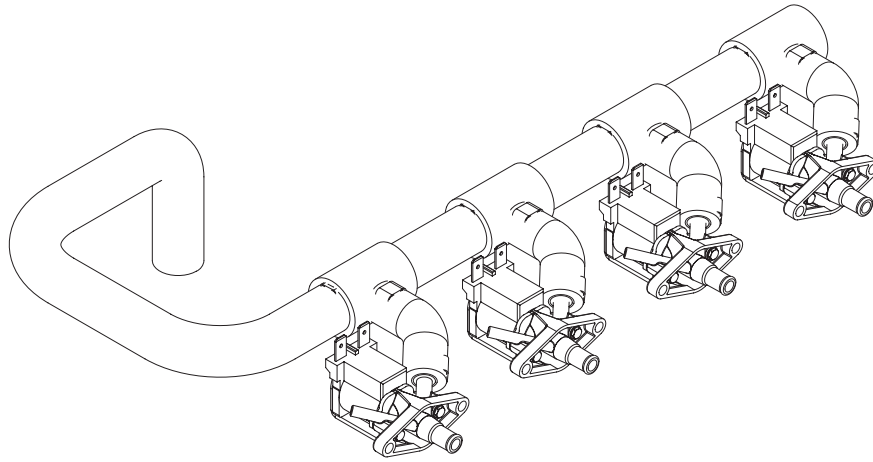
ITEM	PART NO.	QTY.	DESCRIPTION
1		1	Tube, Silicone .38" ID x 15.0" (Order item 7)
2	29421.0000	2	Clamp, Hose Worm Drive .625/.75"
3	34644.0000	1	Connector
4	45928.0000	1	Elbow
5	21275.0003	2	Clamp .57" - .70"
6	M2337.1000	-	Insulation, Tube25/50 .50" ID x 72.0" (Cut to required length)
7	45848.1000	-	Hose, Flex .38" ID x 12.0" (Cut to required length)
	45848.1001	-	Hose, Flex .38" ID x 36.0" (Cut to required length)
	45848.1002	-	Hose, Flex .38" ID x 120.0" (Cut to required length)



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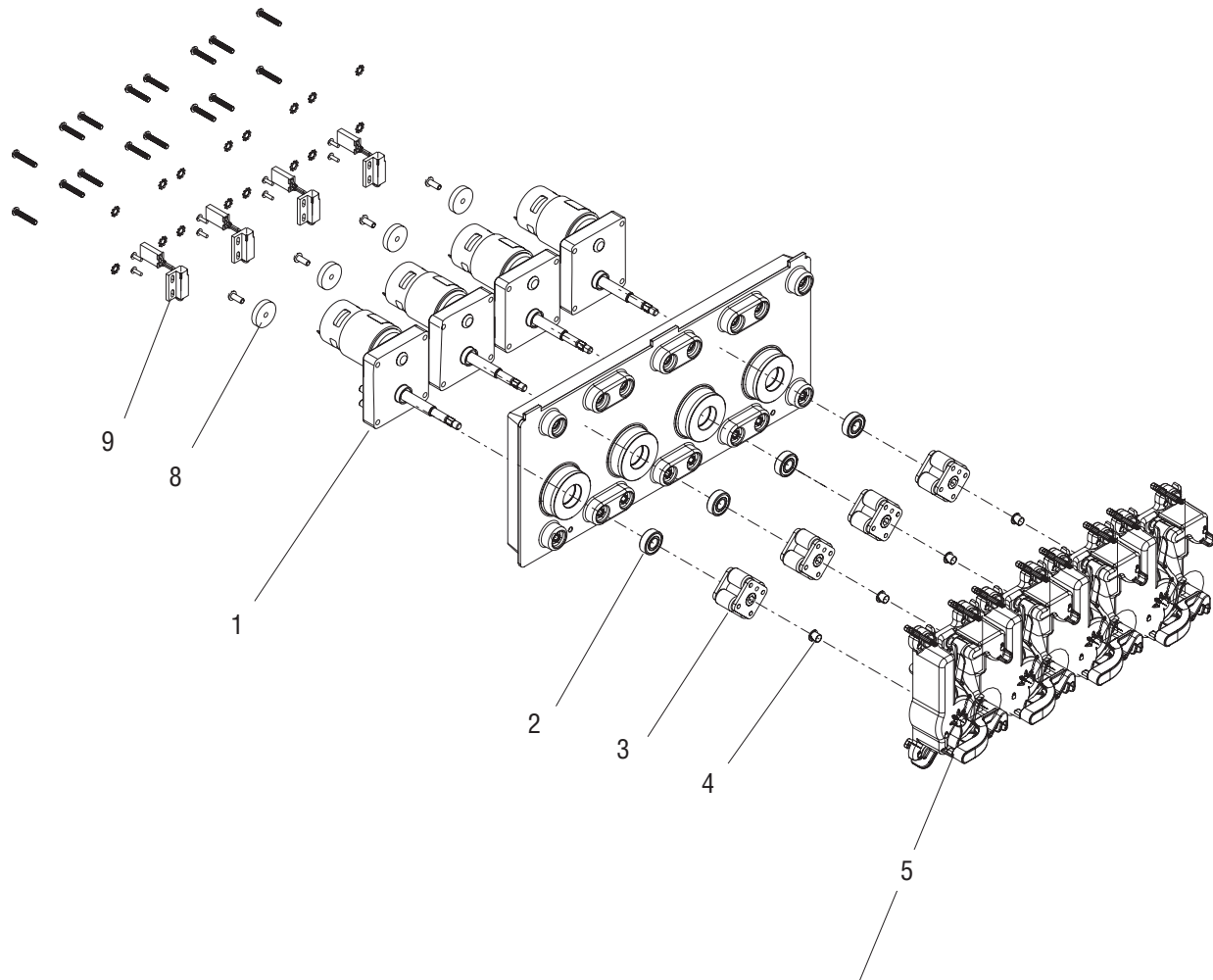
WATER INLET VALVE & LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1	21275.0003	4	Clamp .57" - .70"
2		1	Hose, Flex .38" ID x 17.0" (Order item 7)
3	36233.0031	1	Valve, Water Inlet 24VDC (Without Flow Washer)
	32283.0000	2	Screw, Pan Head M4 x 6mm
4	37297.1001	1	Fitting, Elbow .38" FI x .75" Fine Hose (Includes Gasket)
	41640.0000	1	Gasket
5	41766.1001	1	Valve, Constant Flow
	00973.0001	2	Nut, Keps #6-32
6		1	Hose, Flex .38" ID x 8.75" (Order item 7)
7	45848.1000	-	Hose, Flex .38" ID x 12.0" (Cut to required length)
	45848.1001	-	Hose, Flex .38" ID x 36.0" (Cut to required length)
	45848.1002	-	Hose, Flex .38" ID x 120.0" (Cut to required length)
8	M2337.1000	-	Insulation, Tube 25/50 .50" ID x 72.0" (Cut to required length)
9	M2546.1000	-	Tape, Tube Insulating (Cut to required length)



DISPENSE VALVES & LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1		1	Hose, Flex .38" ID x 10.0" lg (Order item 9)
2	21275.0003	7	Clamp .57"/.70"
3		3	Hose, Flex .38" ID x 2.0" lg (Order item 9)
4	51956.0000	3	Tee .38" x .38" x .25" Barb
5	51957.0000	1	Elbow .38" x .25" Barb
6	21275.0006	8	Clamp .41"/.50"
7		4	Hose, Braided .25" ID x 2.5 (order item 10)
8	40937.0010	4	Valve, Dispense
	41411.0000	8	Screw, Hex 2" Ext Hd 8-32 x .625"
	01522.0001	8	Washer, Flat
9	45848.1000	-	Hose, Flex .38" ID x 12.0" (Cut to required length)
	45848.1001	-	Hose, Flex .38" ID x 36.0" (Cut to required length)
	45848.1002	-	Hose, Flex .38" ID x 120.0" (Cut to required length)
10	46048.1000	-	Hose, Braided .25" ID x 12.0" (Cut to required length)
	46048.1001	-	Hose, Braided .25" ID x 36.0" (Cut to required length)
	46048.1002	-	Hose, Braided .25" ID x 120.0" (Cut to required length)
11	M2336.1000	-	Insulation, Tube 25/50 .38" ID x 72.0" (Cut to required length)
12	M2337.1000	-	Insulation, Tube 25/50 .50" ID x 72.0" (Cut to required length)
13	M2546.1000	-	Tape, Tube Insulating (Cut to required length)



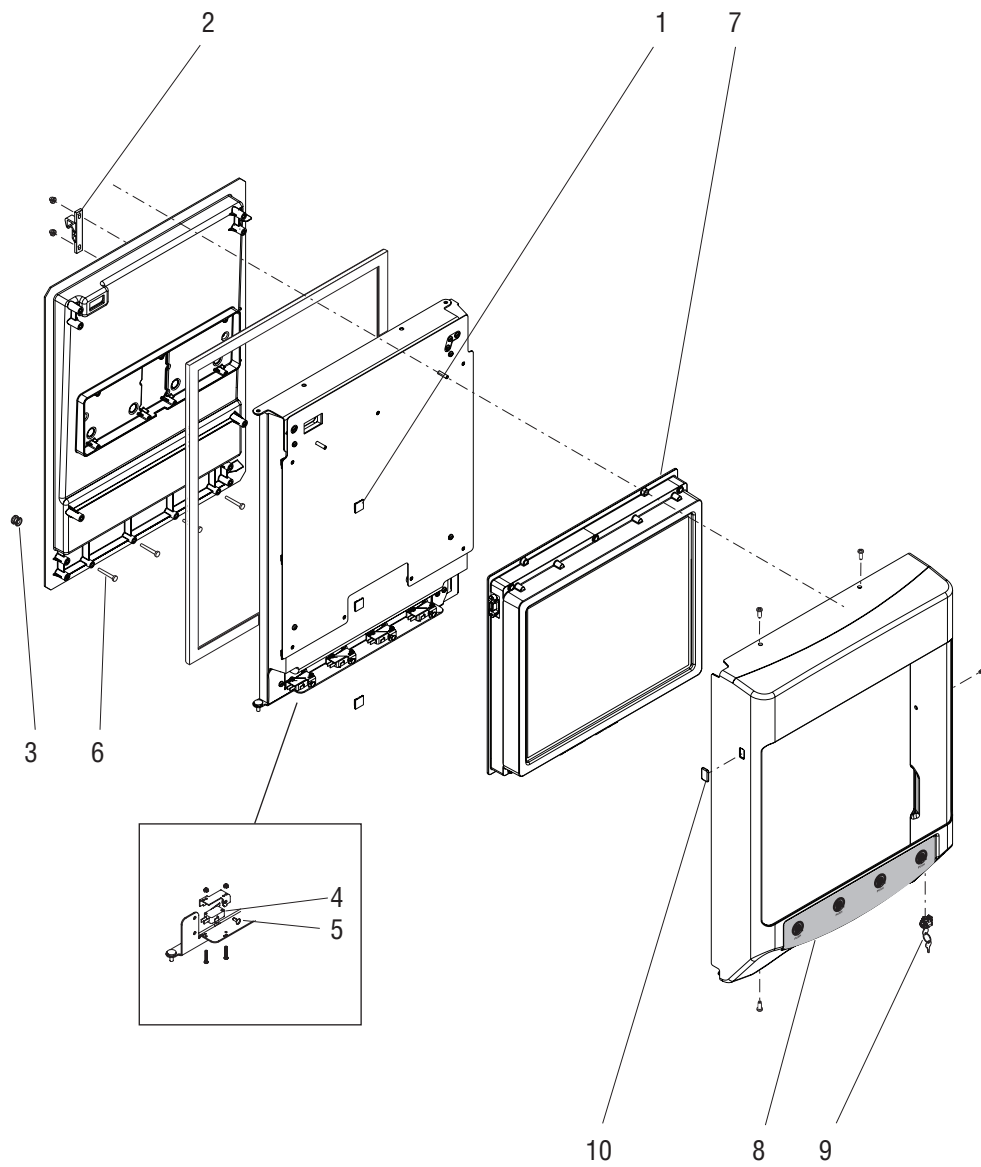
PUMPS & MOUNTING

ITEM	PART NO.	QTY.	DESCRIPTION
1	32613.1004	4	Motor 24vdc (Also order item 11)
	01320.0000	16	Screw, Round Head #8-32 x 1.0"
	01512.0000	16	Lockwasher #10
2	40559.0000	4	Bearing
3	41024.0001	4	Rotor, Pump
4	26781.0001	4	Bushing
5	40558.1000	4	Pump Assy (Each includes items 6 & 7)
6	40467.0000	2	Setscrew
7	40551.0000	4	Latch, Quarter Turn
8	32654.0001	4	Magnet Hub
	01331.0004	4	Screw, Round Head, Locking#10-32 x
9	33608.0000	4	RPM Sensor
	02336.0000	8	Screw, Truss Head #4-40 x .38"
10	51439.0000	1	Wiring Harness (Not Illustrated)
11	M2548.1000	-	Grease, Krytox .50 oz.



DOOR ASSEMBLY

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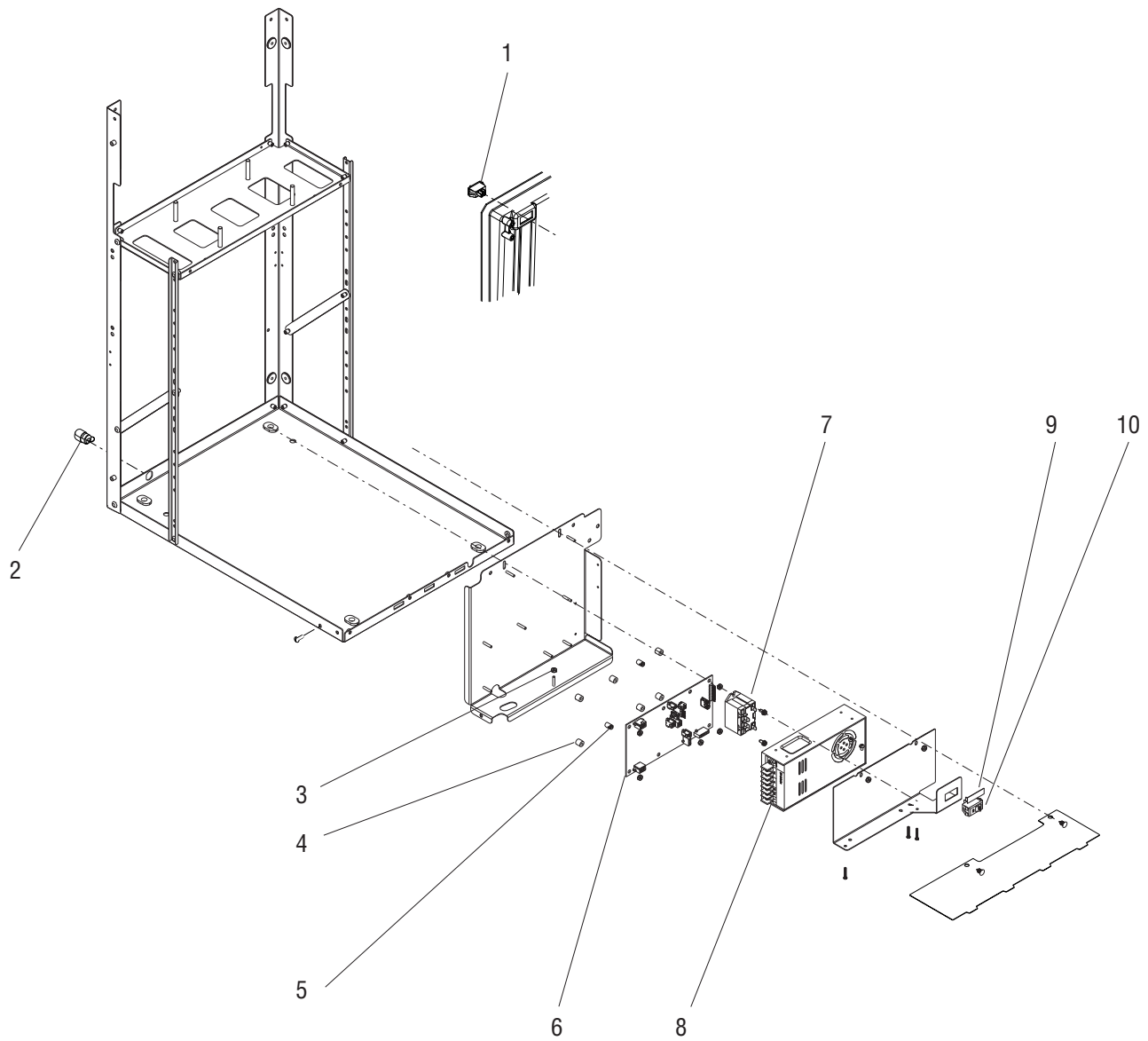


DOOR ASSEMBLY

ITEM	PART NO.	QTY.	DESCRIPTION
1	33669.0000	3	Clip
2	34667.0001	1	Keeper, Door Latch
	02319.0000	2	Nut, Acorn
	01501.0000	2	Washer
3	41290.0000	4	Cover, Plunger
4	40509.0000	4	Switch, Micro
	01304.0000	8	Screw, Pan Head #4-40 x .75"
	00991.0004	8	Nut, Elastic Lock #4-40
5	01382.0003	4	Screw, Truss Head #6-32 x .38"
6	40729.0000	4	Plunger
7	51386.1000	1	Touch Screen Assy
	01384.0000	7	Screw, Truss Head #8-32 x 1.5"
8	51380.0000	1	Membrane Switch
9	34472.1002	1	Key Lock (Includes 2 keys)
	28095.0000	1	Key Set
10	52134.0000	1	Plug, USB

The following items are not illustrated

11	51437.0000	1	Wiring Harness, Nozzle/Set Up Switch
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ELECTRICAL COMPONENTS

ITEM	PART NO.	QTY.	DESCRIPTION
1	04786.0004	1	Switch, Programming Set Up
2	00707.0000	1	Bushing, Strain Relief
3	00973.0001	3	Nut, Harness Grounding (2 on Tank Lid)
4	01533.0000	6	Spacer
5	29081.0000	2	Spacer
6	50396.1000	1	Circuit Board
	00973.0001	6	Nut, Keps #6-32
7	37711.1002	1	Relay 120V
	02335.0001	2	Screw, CrimpTite #8 x .38"
8	33363.1006	1	Power Supply
	24003.0201	3	Screw, Pan Head M3 x 4mm
9	41509.0000	1	Decal
10	04786.0002	1	Switch, Compressor ON/OFF

The following items are not illustrated

11	20630.0015	1	Power Cord 120V
12	51438.0001	1	Wiring Harness, Main
13	51440.0000	1	Wiring Harness, Touch Screen
14	51441.0000	1	Wiring Harness, Power Supply DC
15	51442.0000	1	Wiring Harness, Power Supply AC
16	51437.0000	1	Wiring Harness, Nozzle/Set-Up Switch
17	51439.0000	1	Wiring Harness, Dispense Pump/RPM Module
18	52383.0000	1	Wiring Harness, Fan Interconnect
19	40439.0000	1	Wiring Harness, Dispense Valves

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32798.0000	11	43694.0000	7				
33068.0000	15	45848.1000	15,17,19,21				
33297.0000	7	45848.1001	15,17,19,21				
33363.1006	27	45848.1002	15,17,19,21				
33461.0001	5	45928.0000	15,17				
33601.0000	13	45950.1000	11				
33602.0000	13	45952.0000	11				