



## **Ice Machine Parts List for Series Q Dispensers Models\***

**QFA-291**

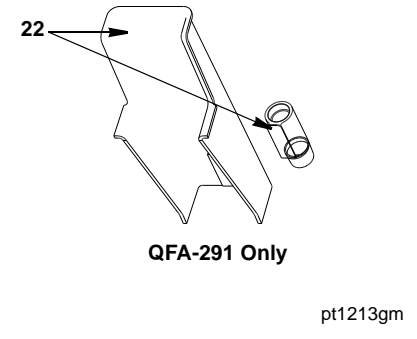
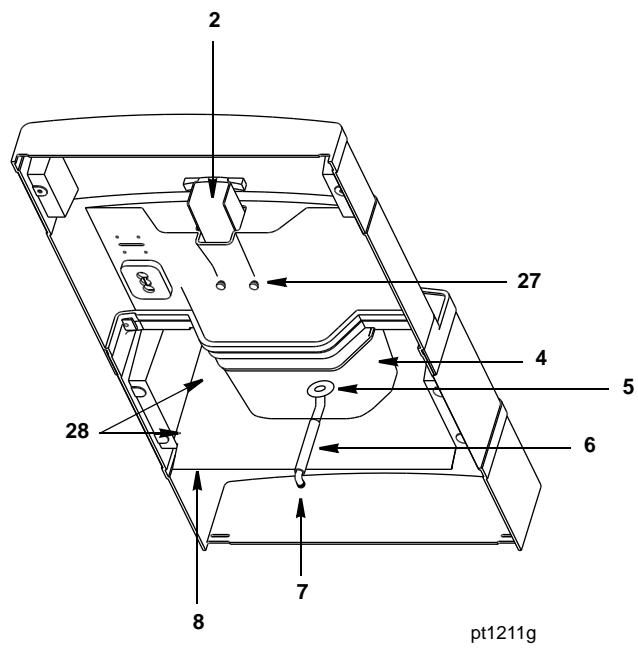
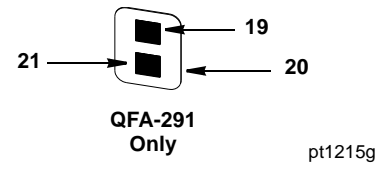
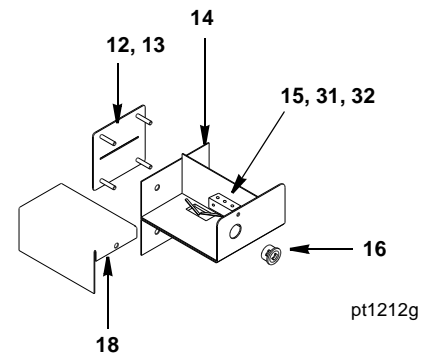
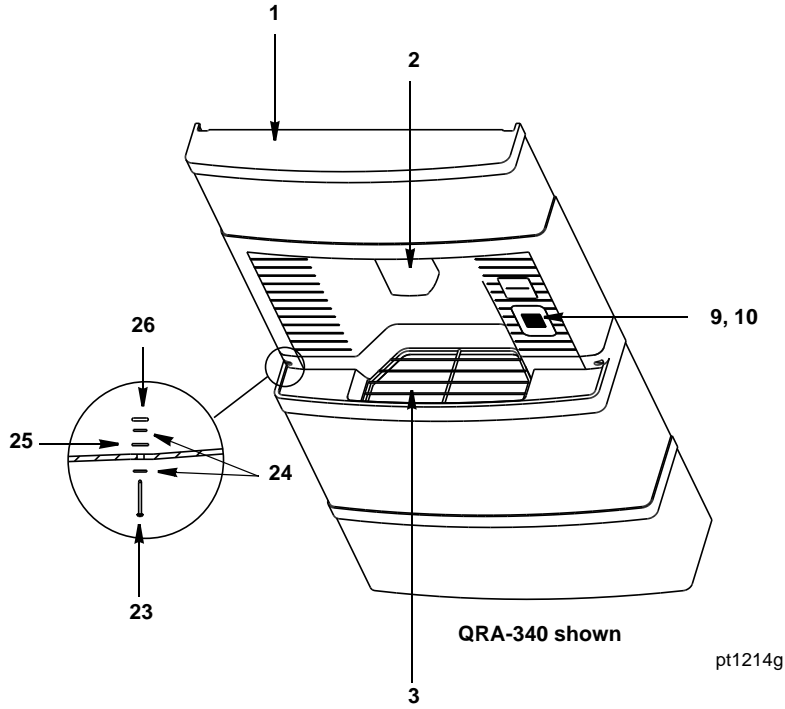
**QRA-340**

**QPA-310**

**QCA-330**

**\*Covers serial numbers up to 980565665, 980565693 to 981062222, 981062253 to 981063559.**

# QPA-310, QRA-340, QFA-291, QCA-330 DOOR ASSEMBLY

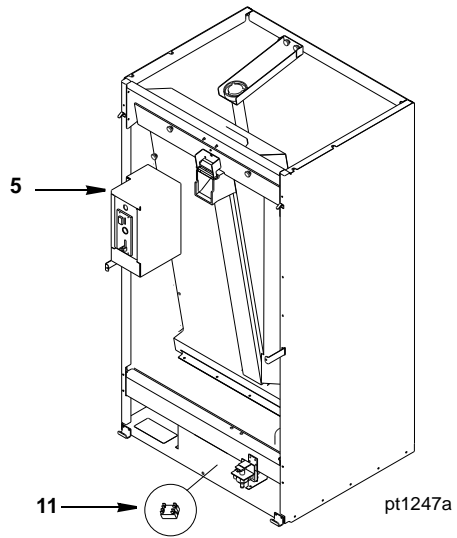
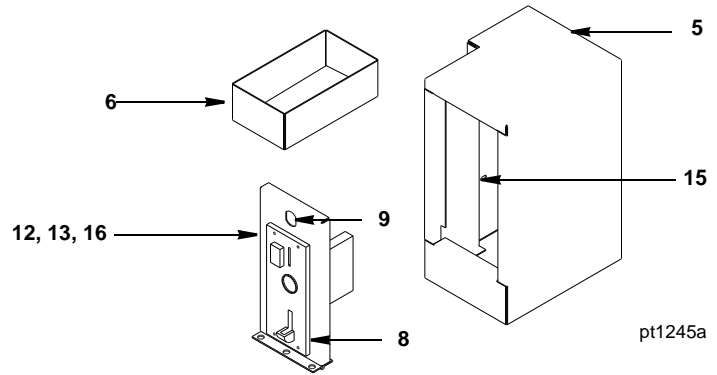
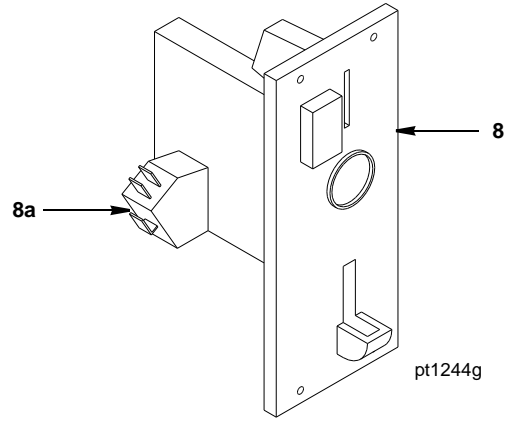
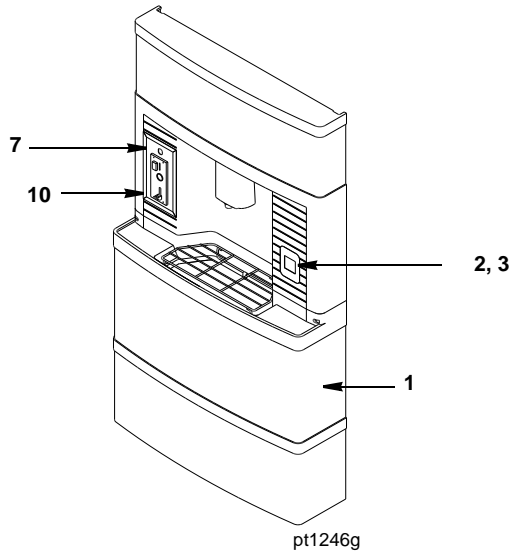


**QPA-310, QRA-340, QFA-291, QCA-330 DOOR ASSEMBLY, CONTINUED**

DESCRIPTION	PART NO.
<b>QPA-310, QRA-340, QFA-291, QCA-330</b>	
1 Main Door Assembly	
a. QPA-310 Push Button . . . . .	† 76-2861-9
b. QRA-340 Room Card . . . . .	† 76-2862-9
c. QFA-291 Push Button Glass Fill . . . . .	† 76-2863-9
d. QCA-330 Coin . . . . .	† 76-2868-9
See Pages 4 and 5 for coin mechanism parts.	
2 Ice Chute . . . . .	43-0342-3
3 Wire Grill	
a. Glass Fill (QFA-291) . . . . .	34-0686-3
b. Clamp, Hold Down . . . . .	56-5003-3
c. Screw for Hold Down Clamp . . . . .	† 50-1234-9
d. Bucket Fill (QPA-310, QRA-340, QCA-330) . . . . .	† 97-5002-3
4 Catch Basin Assembly . . . . .	76-2864-3
5 90 Degree Drain Fitting Assembly . . . . .	76-2865-3
6 Vinyl Tubing 5/8" ID . . . . .	† 44-2038-3
7 90 Degree Barbed Fitting . . . . .	83-9012-3
8 Drip Rail . . . . .	602779-1
<b>QPA-310, QRA-340, QCA-330</b>	
9 Push Button Switch Assembly "ICE" . . . . .	23-0156-3
Micro-Switch Only . . . . .	23-0157-3
10 Single Switch Plate . . . . .	96-0709-3
11 Push Button Wiring Harness (Not shown) . . . . .	20-3267-3
<b>QRA-340</b>	
12 Label "Insert Room Key Card" . . . . .	81-3230-3
13 Room Card Access Plate . . . . .	626991-4
14 Bracket Assembly (Card/Micro Switch) . . . . .	602886-1
15 Room Card Micro Switch . . . . .	627031-4
16 Bushing . . . . .	25-0218-3
17 Room Card Wiring Harness (Not shown) . . . . .	20-3262-3
18 Cover (Card/Micro Switch) . . . . .	602878-1
<b>QFA-291</b>	
19 Push Button Switch Assembly "Water" . . . . .	23-0155-3
20 Push Button Switch Assembly "ICE" . . . . .	23-0154-3
Micro-Switch Only . . . . .	23-0157-3
21 Dual Switch Plate . . . . .	96-0710-3
22 Inner Chute/Water Spout Assembly . . . . .	76-2866-3
a. Aerator Only . . . . .	83-9017-3
<b>QPA-310, QRA-340, QFA-291, Miscellaneous – Brackets, Screws, etc.</b>	
23 Screw Pan Head #8 x 1 1/4" . . . . .	† 51-1902-9
24 Nylon Flat Washer . . . . .	† 55-7338-9
25 Flat Washer . . . . .	† 55-7304-9
26 O-Ring . . . . .	† 37-1819-9
27 Knurled Thumbscrews . . . . .	† 53-0504-9
28 Screw #10-12 x 3/4" . . . . .	† 51-3472-9
29 Room Card Access Plate Lockwasher #8 (Not shown) . . . . .	† 55-4459-9
30 Room Card Access Plate Hexnut #8-32 (Not shown) . . . . .	† 54-2906-9
31 Room Card Micro-Switch Hexnut #6-32 x 5/16" . . . . .	† 54-2878-9
32 Room Card Micro-Switch Lockwasher #6 . . . . .	† 55-4454-9
33 Panel Retainer Clip Assembly (Not shown) . . . . .	76-2925-3

† Refer to Cross Reference Guide

# QCA-330 COIN MECHANISM ASSEMBLY

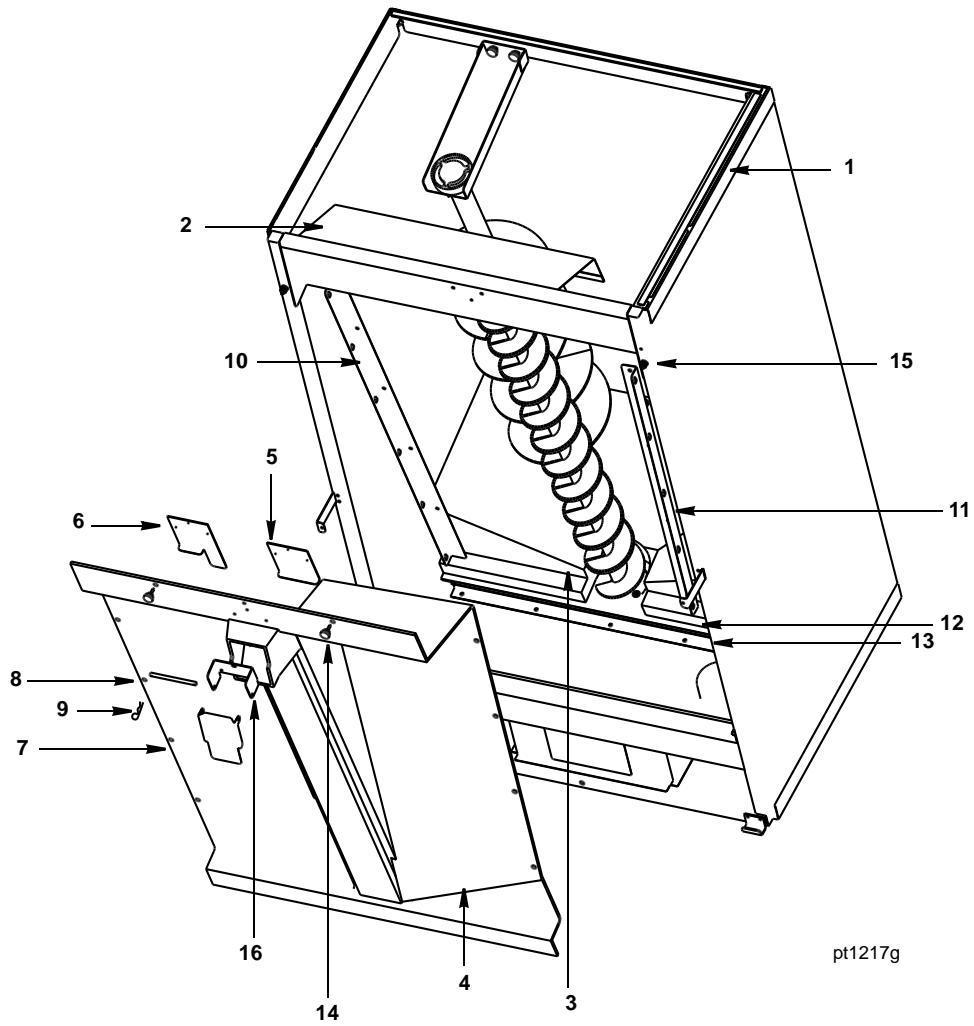


## QCA-330 COIN MECHANISM ASSEMBLY, CONTINUED

DESCRIPTION	PART NO.
<b>QCA-330</b>	
1 Main Door Assembly	
a. QCA-330 Coin . . . . .	† 76-2868-9
See Pages 2 and 3 for Main Door Assembly parts.	
<b>QCA-330</b>	
2 Push Button Switch Assembly "ICE" . . . . .	23-0156-3
a. Micro-Switch Only . . . . .	23-0157-3
3 Single Switch Plate . . . . .	96-0709-3
4 Wiring Harness (Not shown) . . . . .	20-3267-3
5 Coin Box Assembly . . . . .	602986-1
6 Cash Box . . . . .	603007-1
7 Coin Door Assembly . . . . .	603050-1
8 Coin Mechanism . . . . .	29-0032-3
a. Micro-Switch Only . . . . .	23-0159-3
9 Cam Lock . . . . .	30-6027-3
a. Cam Lock Key (Not shown) . . . . .	30-6028-3
10 Coin Box Assembly Frame . . . . .	603017-1
11 Vend Relay	
a. Vend Relay 120V . . . . .	24-0648-3
b. Vend Relay 230V . . . . .	No Longer Available
c. Vend Relay Wiring Lead (Not shown) . . . . .	20-3260-3
<b>QCA-330, Miscellaneous – Brackets, Screws, etc.</b>	
12 Bolt . . . . .	50-3771-3
13 Lockwasher #8 . . . . .	† 55-4459-9
14 Nylon Wire Harness Clips (Not shown) . . . . .	† 56-5080-9
15 Knurled Thumbscrews #8-32 . . . . .	† 53-0504-9
16 Hex-Nut #8-32 . . . . .	† 54-2906-9

† Refer to Cross Reference Guide

# QPA-310, QRA-340, QFA-291, QCA-330 CABINET ASSEMBLY



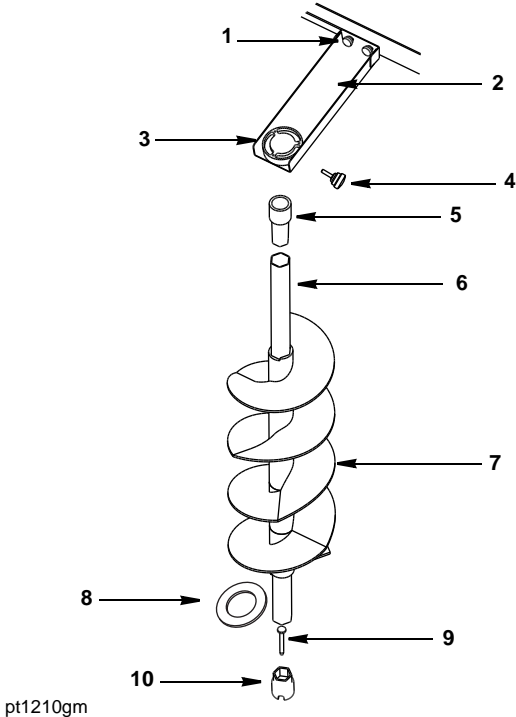
**QPA-310, QRA-340, QFA-291, QCA-330 CABINET ASSEMBLY, CONTINUED**

DESCRIPTION	PART NO.
<b>QPA-310, QRA-340, QFA-291, QCA-330</b>	
1 Foam Tape . . . . .	† 92-0248-9
2 Deflector . . . . .	602608-1
3 False Bottom . . . . .	No Longer Available
4 Access Door Assembly . . . . .	76-2867-3
5 Ice Restrictor Q310, Q340 . . . . .	628681-4
6 Ice Restrictor Q291 Only . . . . .	606162-1
7 Ice Chute Door . . . . .	† 76-2935-3
8 Ice Chute Door Pivot Pin . . . . .	602679-1
9 Ice Chute Door Cotter Pin . . . . .	† 37-1203-1
<b>QPA-310, QRA-340, QFA-291, QCA-330 Miscellaneous – Brackets, Screws, etc.</b>	
10 Left Hand Access Door Mounting Bracket . . . . .	664171-4
11 Right Hand Access Door Mounting Bracket . . . . .	664711-4
12 Access Door Base Bracket . . . . .	627351-4
13 Access Door Retainer Bracket . . . . .	627361-4
14 Knurled Thumbscrew . . . . .	† 53-0504-9
15 Upper Door Retainer (Round Mounting Hole) . . . . .	30-1041-3
a. Upper Door Retainer (Square Mounting Hole) . . . . .	603019-1
b. Mounting Screen (for 603019-1) . . . . .	† 52-0205-9
16 Ice Chute Door Mounting Bracket . . . . .	† 76-2935-3
17 Lower Back Panel (Not shown) . . . . .	602455-1
18 Drip Bracket Assembly (Not shown)	
a. Q300 Dispenser . . . . .	† 76-2929-3
b. Q290 Dispenser . . . . .	† 76-2930-3

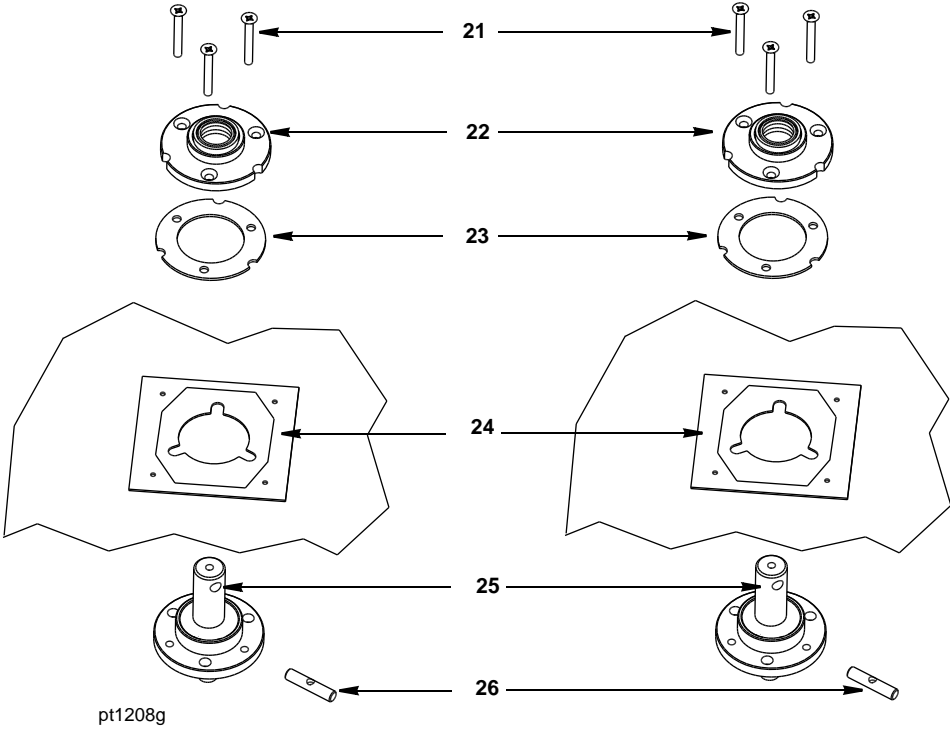
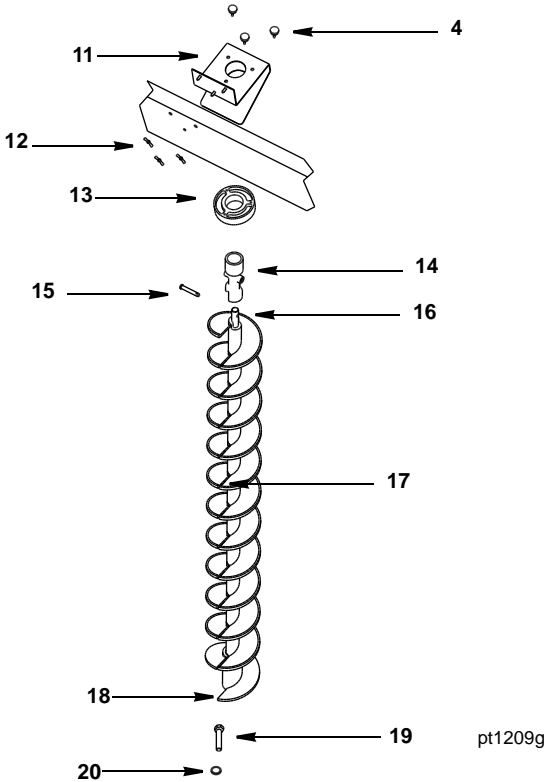
† Refer to Cross Reference Guide

QPA-310, QRA-340, QFA-291, QCA-330 AUGER AND BEARING ASSEMBLY

Agitator Auger Assembly



Delivery Auger Assembly

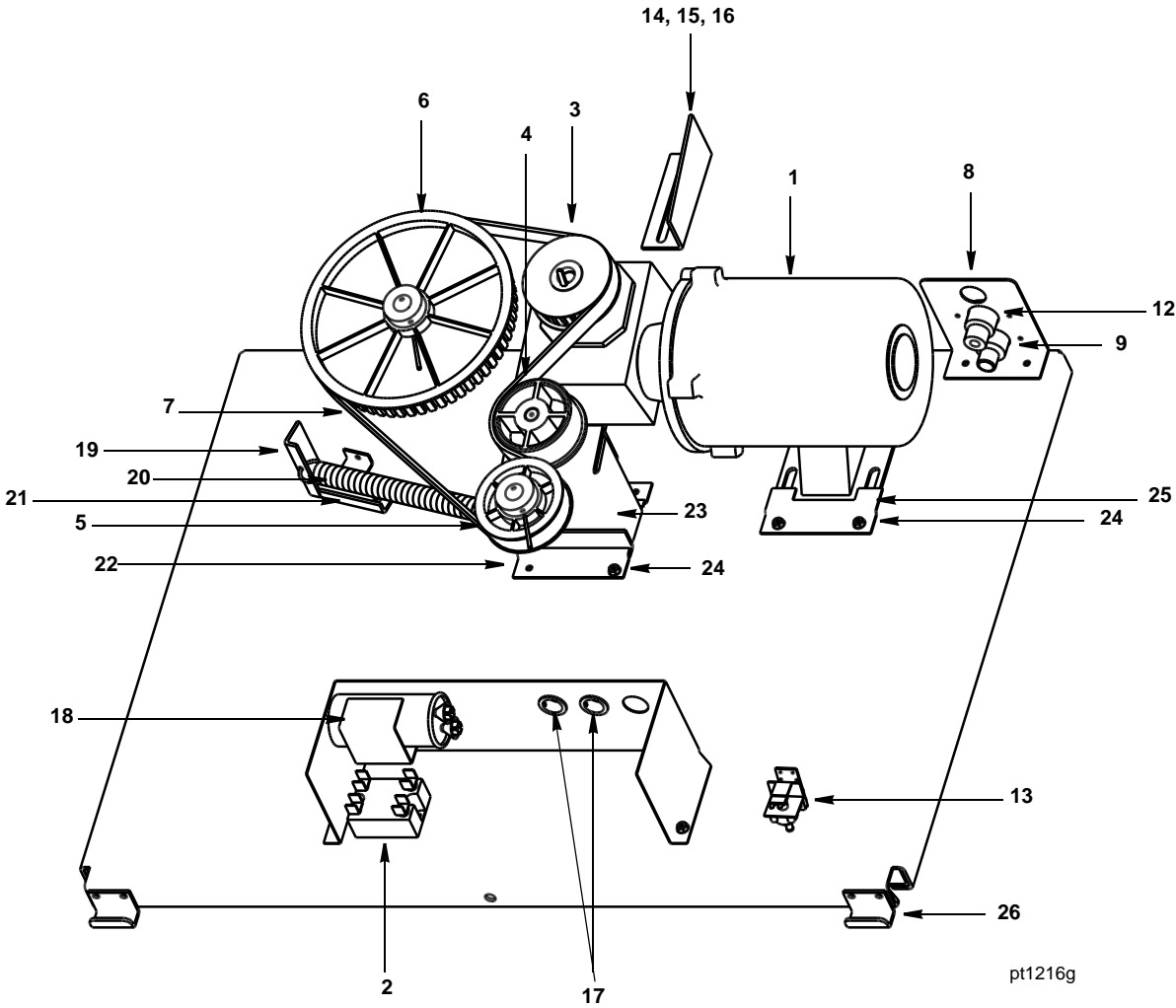


**QPA-310, QRA-340, QFA-291, QCA-330 AUGER AND BEARING ASSEMBLY, CONTINUED**

DESCRIPTION	PART NO.
<b>QPA-310, QRA-340, QFA-291, QCA-330 Agitator Auger Assembly</b>	
1 Thumbscrews #8-32 . . . . .	† 53-0504-9
2 Agitator Auger Mounting Bracket . . . . .	602045-1
3 Agitator Auger Upper Bearing . . . . .	43-0174-3
4 Thumbscrew #8 x 1/2" . . . . .	† 50-1216-9
5 Upper Bearing Coupling . . . . .	43-0168-3
6 Agitator Shaft . . . . .	665241-4
7 Agitator Auger Flighting 8" OD (Uses 5) . . . . .	43-0191-3
8 Agitator Shaft Washer (Not shown) . . . . .	628021-3
9 1/4"-20 x 1" Bolt . . . . .	† 50-3353-9
10 Lower Bearing Coupling . . . . .	43-0169-3
<b>QPA-310, QRA-340, QFA-291, QCA-330, Delivery Auger Assembly</b>	
11 Delivery Auger Mounting Bracket . . . . .	602444-1
12 Wingnut #8-32 . . . . .	† 54-8908-9
13 Delivery Auger Upper Bearing . . . . .	43-0175-3
14 Delivery Auger Upper Bearing Coupling . . . . .	43-0384-3
15 Clevis Pin . . . . .	37-1208-3
16 Delivery Auger Shaft . . . . .	000000168
17 Delivery Auger Flighting 4" OD (Uses 11) . . . . .	50-3119-1
18 Lower Coupling Flight . . . . .	50-3119-0
19 1/4"-20 x 1/2" Bolt . . . . .	† 50-3236-9
20 1/4" Lock Washer . . . . .	† 55-4511-9
<b>QPA-310, QRA-340, QFA-291, QCA-330, Bearing Assembly</b>	
21 Cap Screws 1/4"-20 x 2 1/8" . . . . .	50-1325-3
22 Bearing Housing Assembly . . . . .	† 76-2337-3
23 Bearing Gasket . . . . .	37-1816-3
24 Bearing Mounting Plate . . . . .	602813-1
25 Bearing Housing Assembly w/Shaft . . . . .	76-2314-3
26 Retaining Pin . . . . .	37-1032-3

† Refer to Cross Reference Guide

QPA-310, QRA-340, QFA-291, QCA-330 BASE ASSEMBLY



pt1216g

**QPA-310, QRA-340, QFA-291, QCA-330 BASE ASSEMBLY, CONTINUED**

DESCRIPTION	PART NO.
<b>1 Drive Motor/Gear Reducer Assy. QPA-310, QRA-340, QFA-291, QCA-330</b>	
a. Assembly 115V/60Hz . . . . .	† 76-2681-3
b. Drive Motor Only 115V/60Hz . . . . .	76-2680-3
c. Run Capacitor 115V/60Hz . . . . .	85-0481-3
d. Assembly 220/240V/50Hz. . . . .	† 76-2683-3
e. Drive Motor Only 220/240V/50Hz . . . . .	76-2682-3
f. Run Capacitor 220/240V/50Hz . . . . .	† 85-0341-3
<b>Gear Reducer cannot be ordered separately.</b>	
<b>2 Relay . . . . .</b>	† 76-2685-3
<b>3 Drive Pulley . . . . .</b>	37-4008-3
<b>4 Belt Tension Pulley. . . . .</b>	43-0172-3
a. Washer (Not shown) . . . . .	† 55-7339-9
b. Screw (Not shown) . . . . .	50-2563-3
<b>5 Delivery Auger Pulley. . . . .</b>	37-4012-3
a. Roll Pin . . . . .	† 37-1204-9
<b>6 Agitator Auger Pulley . . . . .</b>	37-4010-3
a. Roll Pin . . . . .	† 37-1204-9
<b>7 Drive Belt . . . . .</b>	37-0021-3
<b>8 6' Power Supply Cord . . . . .</b>	20-3067-3
<b>9 Drain Fitting 1/2" FPT. . . . .</b>	87-0608-3
a. Vinyl Tubing 5/8" ID – 7/8" OD (Not shown) . . . . .	† 44-2038-3
<b>10 Wiring Harness (Not shown Q3 10, Q330, Q340 Only) . . . . .</b>	20-3260-3
<b>Q291</b>	
<b>11 Wiring Harness (Not shown) . . . . .</b>	20-3261-3
<b>12 Water Inlet Female Wing Adapter . . . . .</b>	† 87-0609-3
a. Male Water Inlet Compression Nut (Not shown). . . . .	13-6096-1
b. Polyflow Tubing 1/4" OD (Not shown). . . . .	44-2029-1
<b>13 Water Inlet Valve</b>	
a. Water Inlet Valve Assembly Including 115V 50/60 Cycle Coil. . . . .	† 000000377
b. Water Inlet Valve 115V 50/60 Cycle Coil Only . . . . .	000002048
c. Water Inlet Valve Assembly Including 220-240V 50/60 Cycle Coil . . . . .	† 000000378
d. Water Inlet Valve 220-240V 50/60 Cycle Coil Only . . . . .	000002049
<b>QPA-310, QRA-340, QFA-291, QCA-330 Miscellaneous – Brackets, Screws, etc.</b>	
<b>14 Gear Box Angle Bracket Assembly . . . . .</b>	602610-1
<b>15 Screw 5/16" – 18 x 5/8" Machine . . . . .</b>	† 50-3565-9
<b>16 Lockwasher 5/16" Split. . . . .</b>	† 55-7313-9
<b>17 Bushing 7/8" OD . . . . .</b>	† 25-0140-9
<b>18 Run Capacitor Mounting Bracket . . . . .</b>	601353-1
<b>19 Spring Tension Lock Bracket . . . . .</b>	630381-4
<b>20 Tension Spring . . . . .</b>	33-0016-3
<b>21 Tension Lock Bracket. . . . .</b>	630391-4
<b>22 Tension Bracket Guide. . . . .</b>	629681-4
<b>23 Belt Tension Pulley Mounting Bracket . . . . .</b>	665841-4
<b>24 Screw #10-24 x 1/2". . . . .</b>	† 52-0206-9
<b>25 Gear Motor Lock Bracket. . . . .</b>	628101-4
<b>26 Door Support Bracket. . . . .</b>	602346-1
<b>27 Control Box Cover (Not shown) . . . . .</b>	665121-4
<b>28 Lower Back Panel (Not shown) . . . . .</b>	602455-1

† Refer to Cross Reference Guide

**INTENTIONALLY LEFT BLANK**