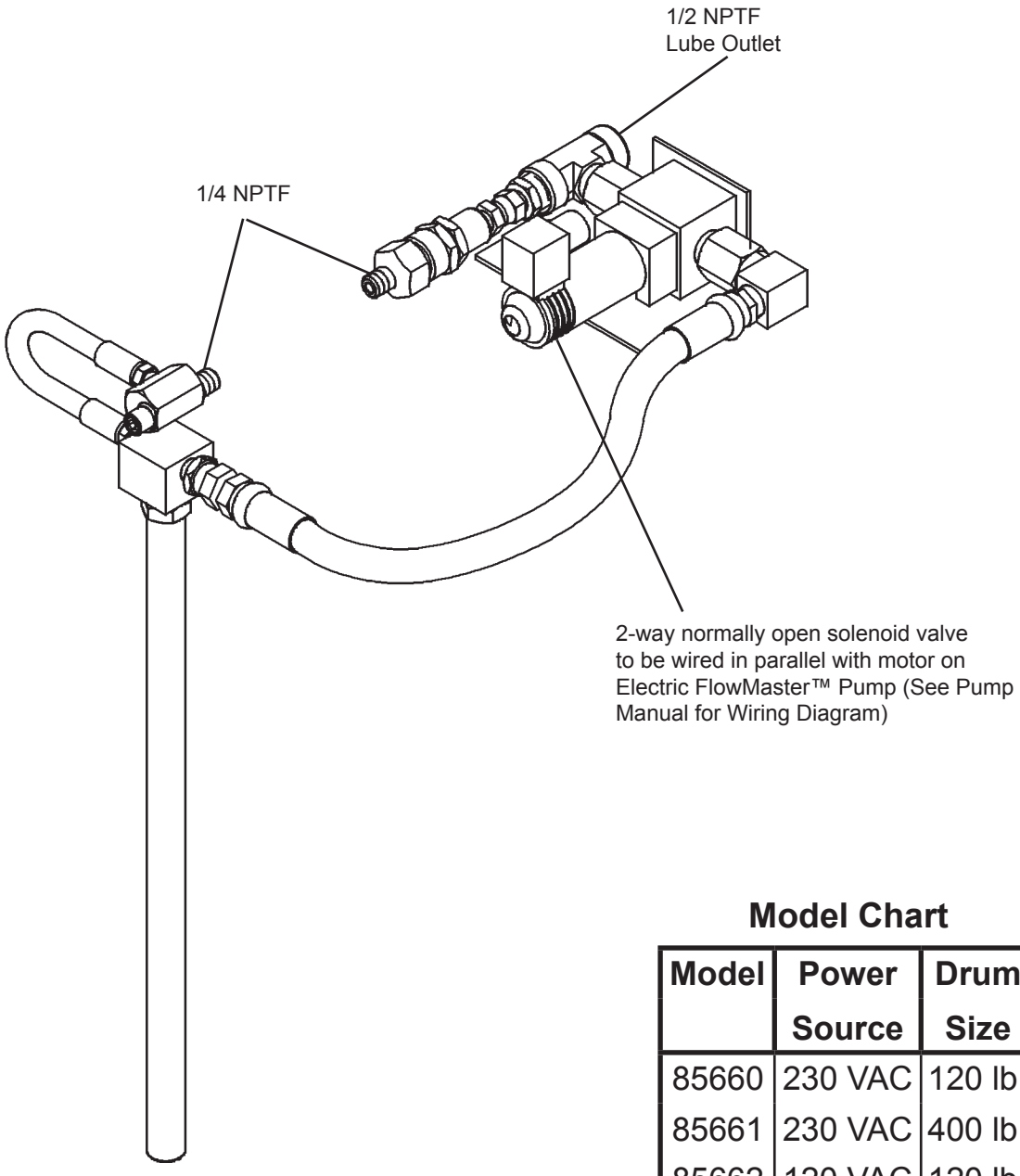
Models 85660, 85661, 85662, 85663, 85664 & 85665©
ELECTRIC VENT VALVE ASSEMBLIES

For use with Electric FlowMaster™ Pumps on Drum Covers 85474 (120 lb.) and 85475 (400 lb.)

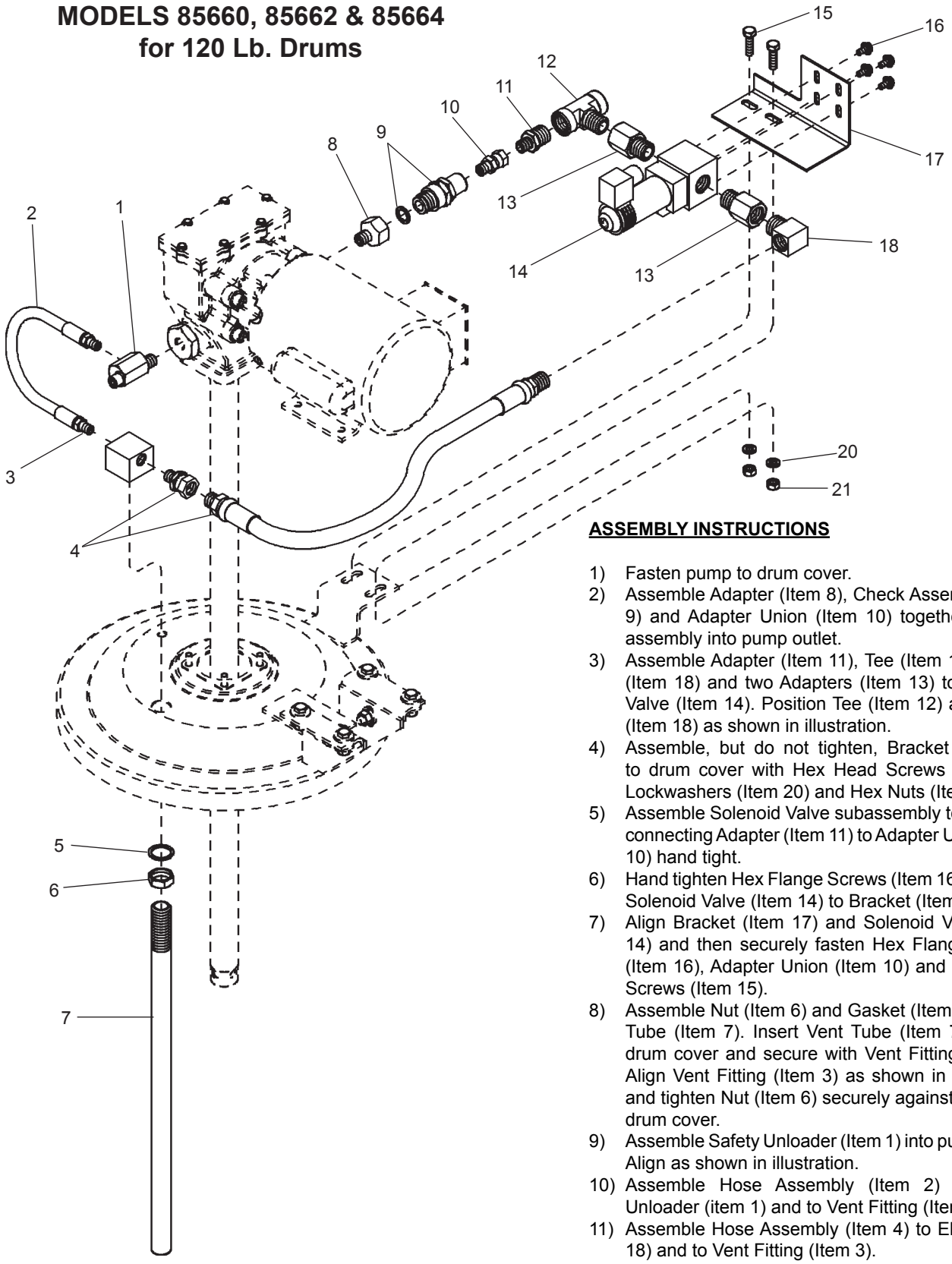


Model Chart

Model	Power Source	Drum Size
85660	230 VAC	120 lb.
85661	230 VAC	400 lb.
85662	120 VAC	120 lb.
85663	120 VAC	400 lb.
85664	24 VDC	120 lb.
85665	24 VDC	400 lb.

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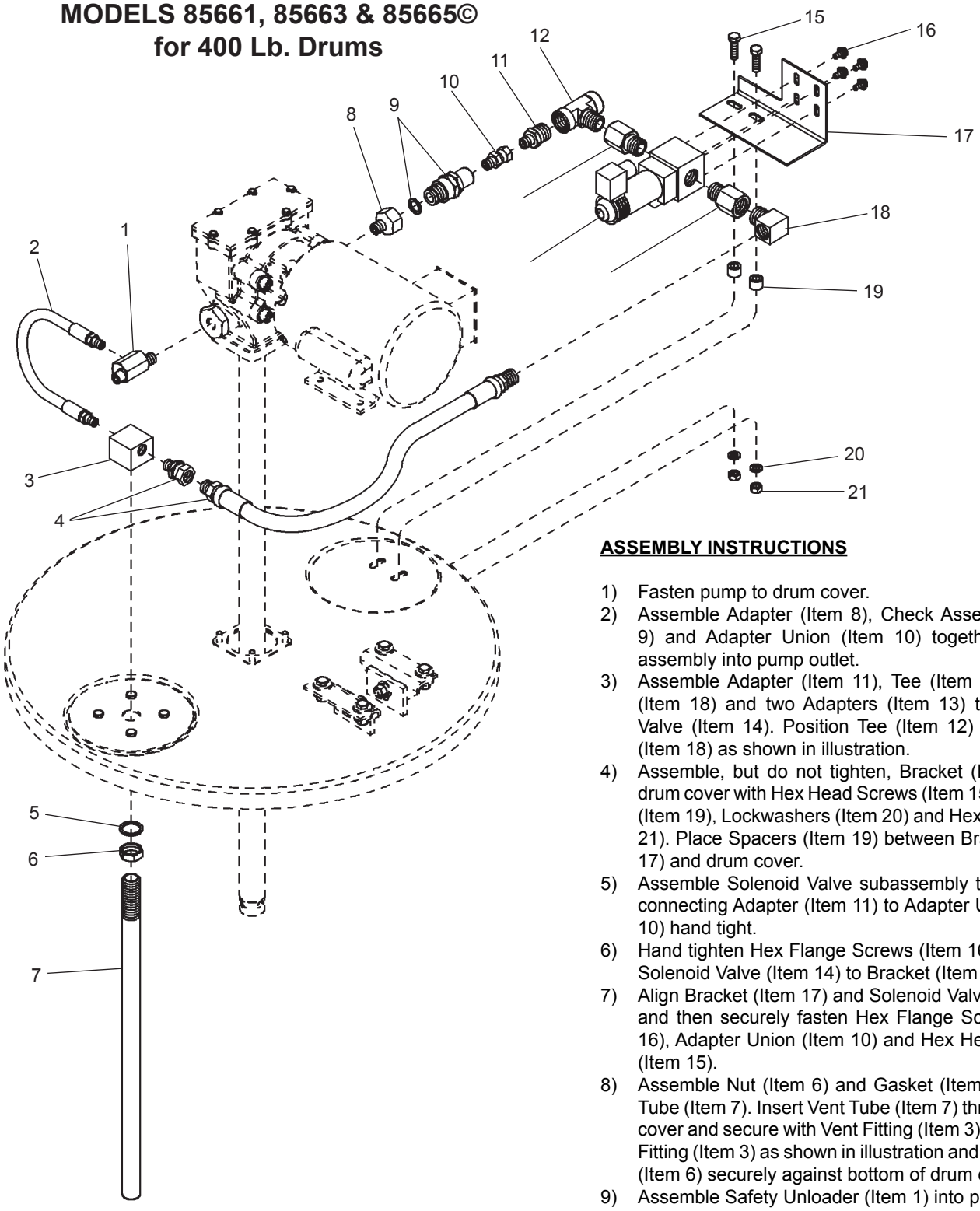
MODELS 85660, 85662 & 85664 for 120 Lb. Drums



ASSEMBLY INSTRUCTIONS

1) Fasten pump to drum cover.
2) Assemble Adapter (Item 8), Check Assembly (Item 9) and Adapter Union (Item 10) together. Fasten assembly into pump outlet.
3) Assemble Adapter (Item 11), Tee (Item 12), Elbow (Item 18) and two Adapters (Item 13) to Solenoid Valve (Item 14). Position Tee (Item 12) and Elbow (Item 18) as shown in illustration.
4) Assemble, but do not tighten, Bracket (Item 17) to drum cover with Hex Head Screws (Item 15), Lockwashers (Item 20) and Hex Nuts (Item 21).
5) Assemble Solenoid Valve subassembly to pump by connecting Adapter (Item 11) to Adapter Union (Item 10) hand tight.
6) Hand tighten Hex Flange Screws (Item 16) to fasten Solenoid Valve (Item 14) to Bracket (Item 17).
7) Align Bracket (Item 17) and Solenoid Valve (Item 14) and then securely fasten Hex Flange Screws (Item 16), Adapter Union (Item 10) and Hex Head Screws (Item 15).
8) Assemble Nut (Item 6) and Gasket (Item 5) to Vent Tube (Item 7). Insert Vent Tube (Item 7) through drum cover and secure with Vent Fitting (Item 3). Align Vent Fitting (Item 3) as shown in illustration and tighten Nut (Item 6) securely against bottom of drum cover.
9) Assemble Safety Unloader (Item 1) into pump outlet. Align as shown in illustration.
10) Assemble Hose Assembly (Item 2) to Safety Unloader (item 1) and to Vent Fitting (Item 3).
11) Assemble Hose Assembly (Item 4) to Elbow (Item 18) and to Vent Fitting (Item 3).

MODELS 85661, 85663 & 85665©
for 400 Lb. Drums



ASSEMBLY INSTRUCTIONS

1) Fasten pump to drum cover.
2) Assemble Adapter (Item 8), Check Assembly (Item 9) and Adapter Union (Item 10) together. Fasten assembly into pump outlet.
3) Assemble Adapter (Item 11), Tee (Item 12), Elbow (Item 18) and two Adapters (Item 13) to Solenoid Valve (Item 14). Position Tee (Item 12) and Elbow (Item 18) as shown in illustration.
4) Assemble, but do not tighten, Bracket (Item 17) to drum cover with Hex Head Screws (Item 15), Spacers (Item 19), Lockwashers (Item 20) and Hex Nuts (Item 21). Place Spacers (Item 19) between Bracket (Item 17) and drum cover.
5) Assemble Solenoid Valve subassembly to pump by connecting Adapter (Item 11) to Adapter Union (Item 10) hand tight.
6) Hand tighten Hex Flange Screws (Item 16) to fasten Solenoid Valve (Item 14) to Bracket (Item 17).
7) Align Bracket (Item 17) and Solenoid Valve (Item 14) and then securely fasten Hex Flange Screws (Item 16), Adapter Union (Item 10) and Hex Head Screws (Item 15).
8) Assemble Nut (Item 6) and Gasket (Item 5) to Vent Tube (Item 7). Insert Vent Tube (Item 7) through drum cover and secure with Vent Fitting (Item 3). Align Vent Fitting (Item 3) as shown in illustration and tighten Nut (Item 6) securely against bottom of drum cover.
9) Assemble Safety Unloader (Item 1) into pump outlet. Align as shown in illustration.
10) Assemble Hose Assembly (Item 2) to Safety Unloader (item 1) and to Vent Fitting (Item 3).
11) Assemble Hose Assembly (Item 4) to Elbow (Item 18) and to Vent Fitting (Item 3).

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Service Parts

Item No.	Description	Qty.	Part No.
1	Safety Unloader	1	272722
2	Hose Assembly	1	272711
3	Vent Fitting	1	272717
4	Hose Assembly	1	270726
5	Gasket	1	31010
6	Nut	1	12538
7	Vent Tube	1	See Below
8	Adapter	1	12213
9	Check Assembly	1	81938
10	Adapter Union	1	66645
11	Adapter	1	14612
12	Tee	1	272719
13	Adapter	2	272720
14	Solenoid Valve	1	See Below
15	Hex Head Screw (5/16-18 x 1-1/8)	2	271620
16	Hex Flange Screw (M6 x 1 x 12)	4	272718
17	Mounting Bracket	1	272716
18	Elbow	1	12134
19	Spacer (used in 400 lb. kits only)	2	271622
20	Lockwasher (5/16)	2	66246
21	Nut (5/16-18)	2	51026

Model	Power Source	Drum Size	Vent Pipe Item No. 7	Solenoid Valve Item No. 14
85660	230 VAC	120 lb.	67290	525-32084-1
85661	230 VAC	400 lb.	67241	525-32084-1
85662	120 VAC	120 lb.	67290	525-32098-1
85663	120 VAC	400 lb.	67241	525-32098-1
85664	24 VDC	120 lb.	67290	274899
85665©	24 VDC	400 lb.	67241	274899

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