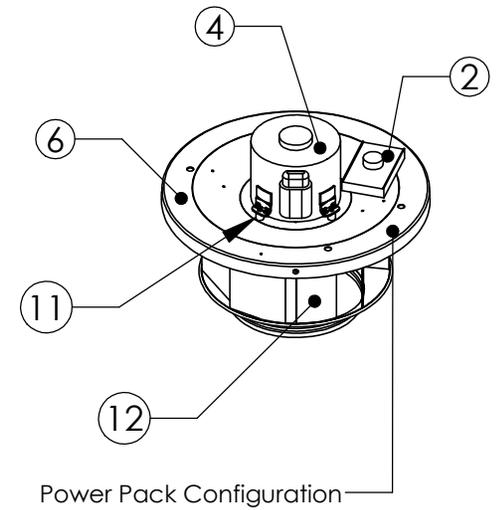
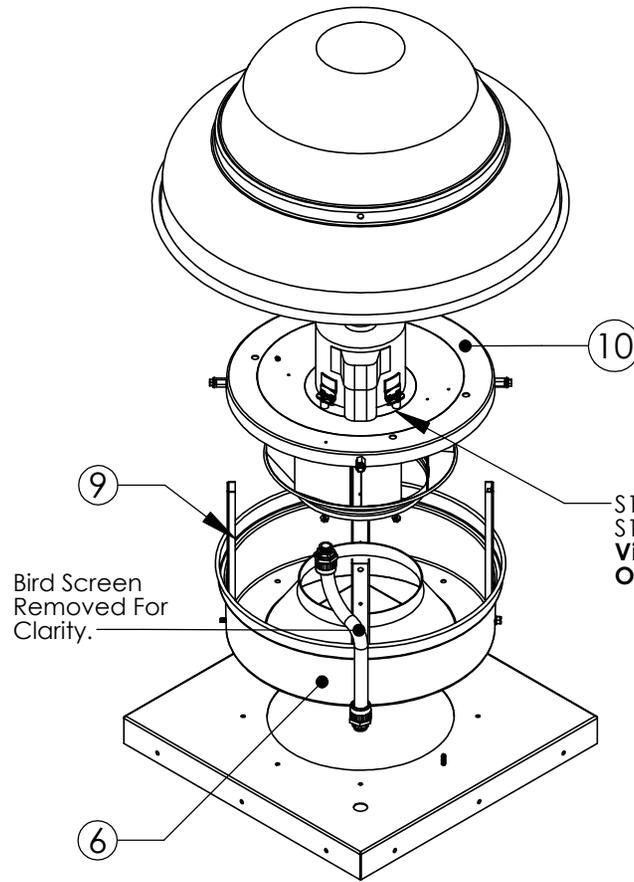
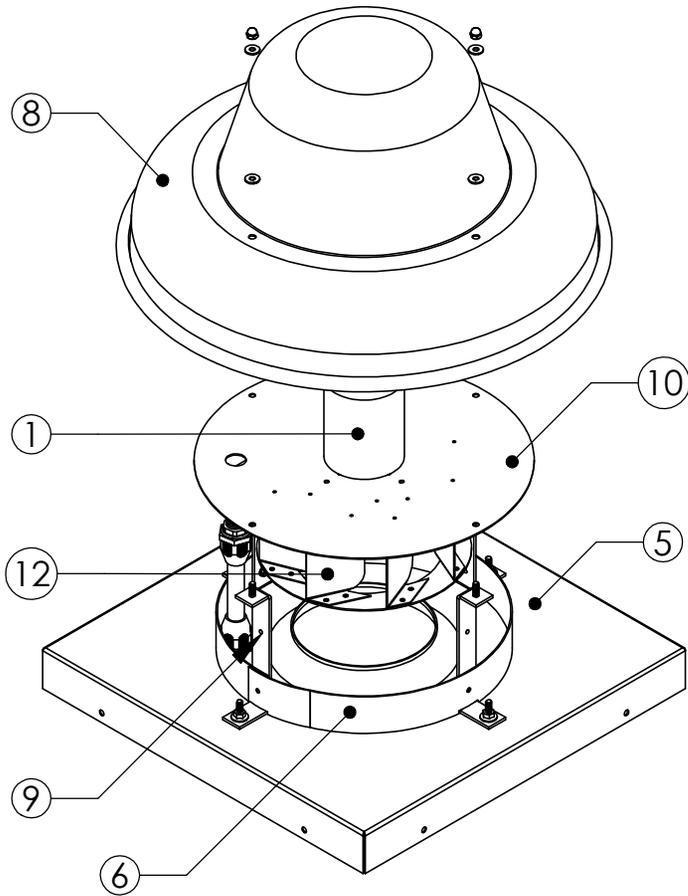


Direct Drive - Down Blast Fans



S11 Isolator - DR25, 30 & 33
 S11D70 Isolator - DR50, 75 & 85
**Vibration Isolators Are Not Used
 On Wall Mount Application.**

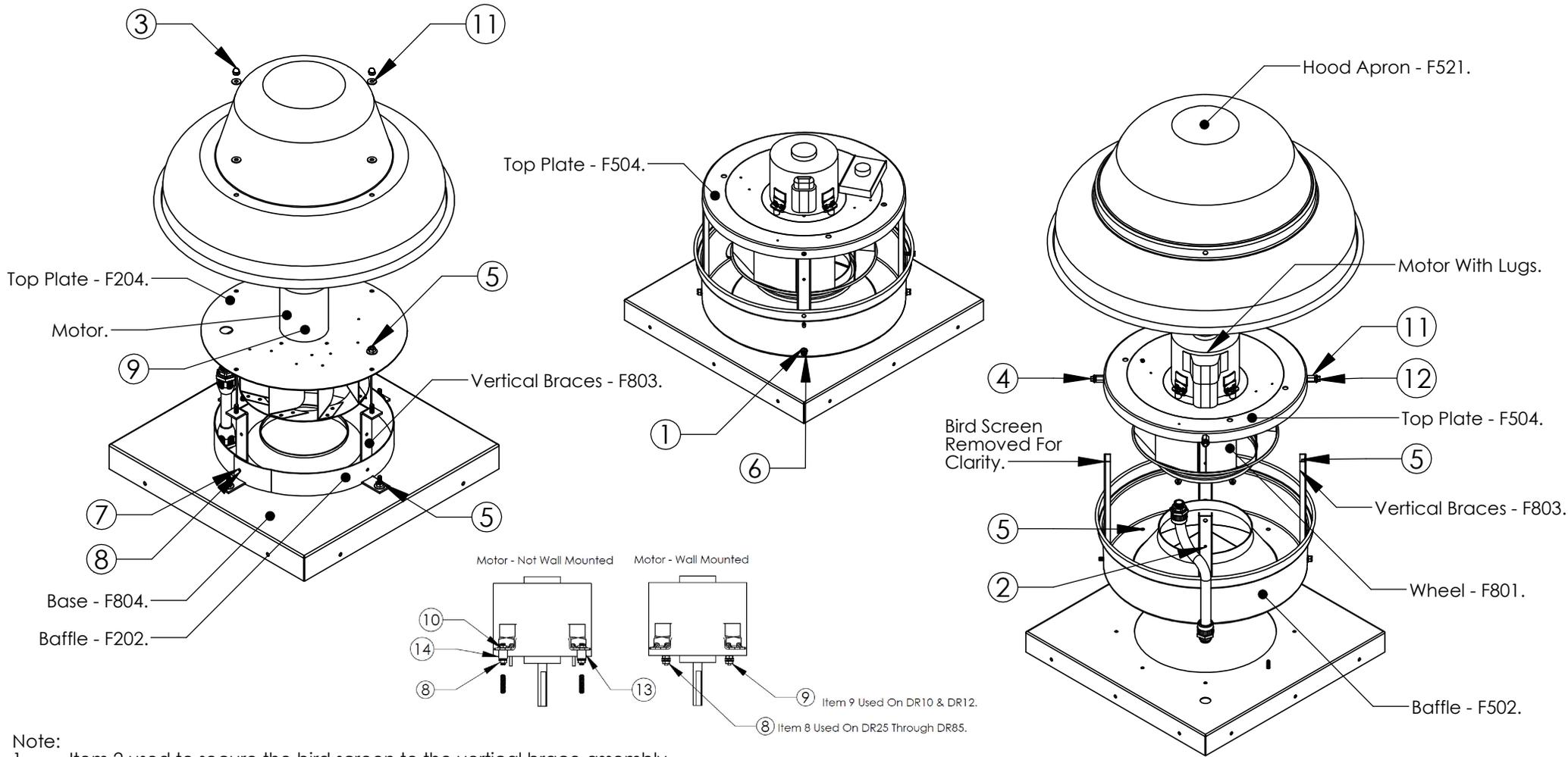
Direct Drive - Motor - Part Information.

Item #	Description Of Parts	DR10	#	DR12	#	DR25	#	DR30	#	DR33	#	DR50	#	DR75	#	DR85	#
1	Motor Single Phase	8550	1	8550A	1	6312R	1	6245R	1	6310R	1	6311R	1	6241R	1	6251R2	1
2	Speed Control	KBWC-16K	1	KBWC-110K	1	KBWC-115K	1	KBWC-115K	1								
3	Wire Harness	810040E	1	810040E	1	810040D	1	810040D	1	810040D	1	810040D	1	810040D	1	810040D	1
4	Motor Three Phase (VFD Only)	N/A										6319R	1				

Direct Drive - Down Blast Fan - Part Information.

Item #	Description Of Parts	DR10	#	DR12	#	DR25	#	DR30	#	DR33	#	DR50	#	DR75	#	DR85	#
5	Base Assembly	F8041508-S	1	F8041516-S	1	F8040011-S	1	F8040011-S	1	F8040011-S	1	F8040013-S	1	F8040015-S	1	F8040015-S	1
6	Baffle	F2021508	1	F5021416	1	F5020011	1	F5020011	1	F5020011	1	F5020013	1	F5020015	1	F5020015	1
7	Drain	N/A				F2100016	1	F2100016	1	F2100016	1	F2100017	1	F2100016	1	F2100016	1
8	Hood Apron	F5211408	1	F5211416	1	F5211425	1	F5211425	1	F5211425	1	F5211450	1	F5211475	1	F5211475	1
9	Vertical Brace Assembly	F8031508-S	4	F8031516-S	4	F8030011-P	4	F8030011-P	4	F8030011-P	4	F8030013-P	4	F8030015-P	4	F8030015-P	4
10	Top Plate	F2041508-S	1	F5041516-S	1	F5040011-S	1	F5040011-S	1	F5040011-S	1	F5040013-S	1	F5040015-S	1	F5040015-S	1
11	Vibration Isolator	N/A				S11	4	S11	4	S11	4	S11D70	4	S11D70	4	S11D70	4
12	Standard Wheel Assembly	F8011508	1	F8011516	1	F8010010	1	F8010010	1	F8010010	1	F8010014	1	F8010017	1	F8010017	1
13	Bird Screen	F2361508	1	F2361516	1	F2361425	1	F2361425	1	F2361425	1	F2360013	1	F2361475	1	F2361475	1

Direct Drive - Down Blast - Hardware

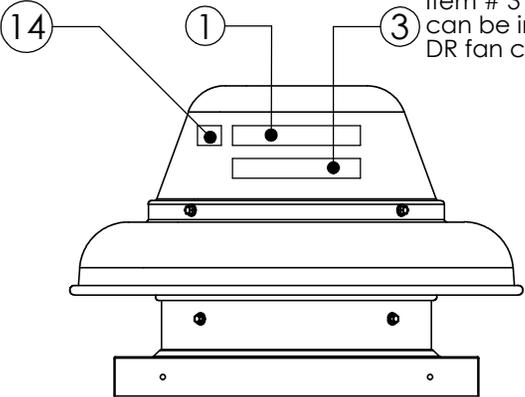


Note:

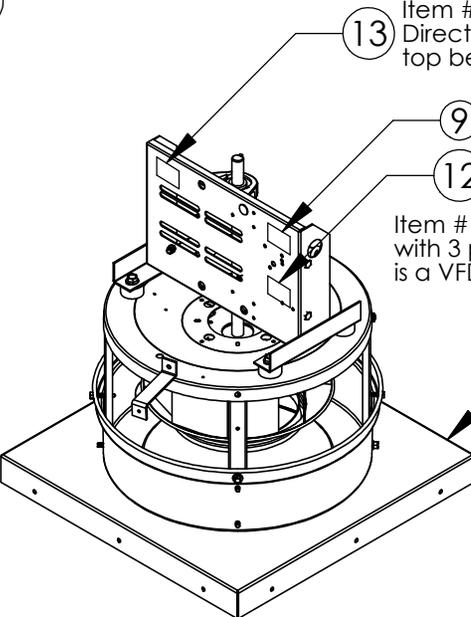
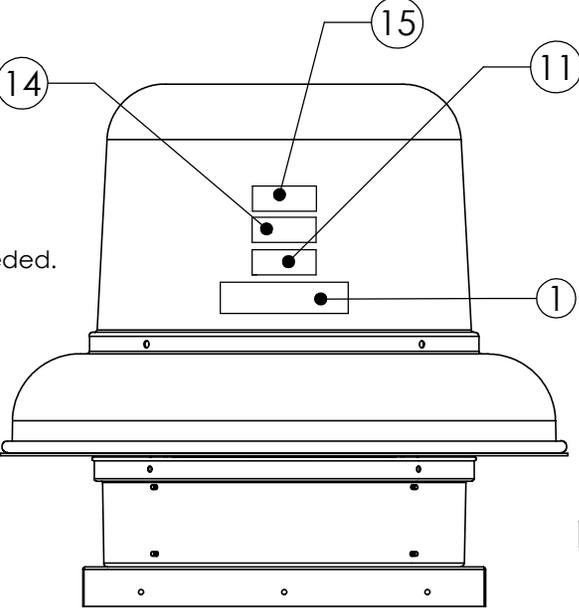
1. Item 2 used to secure the bird screen to the vertical brace assembly.
2. Motor views, top plates have been removed for Clarity.
3. Item 8 & 9 are installed above and below the top plate.
4. Install item 2 prior to tightening item 5.

Hardware - Down Blast Fan Direct Drive - Part Information.																	
Item #	Description Of Parts	DR10	#	DR12	#	DR25	#	DR30	#	DR33	#	DR50	#	DR75	#	DR85	#
1	White Nylon Washer	N/A															
2	1/4 - 14 x 1.25 Self Drilling / Rubber Washer	800023B	4	800023B	8	800014	8	800014	8	800014	8	800014	8	800014	8	800014	8
3	1/4 - 20 Acorn Nuts	800035	4	N/A													
4	1/4 - 20 x 1/2 Whiz Bolt	N/A		800048	4	800048	4	800048	4	800048	4	800048	4	800048	4	800048	4
5	1/4 - 20 Whiz Nut	800034	8	800034	4	800034	12	800034	12	800034	12	800034	12	800034	12	800034	12
6	1/4 - 20 Nylon Lock Nut	N/A															
7	10 - 32 x 1/2 Whiz Bolt Grade 5	800041	8	800041	8	800041	4	800041	4	800041	4	800041	4	800041	4	800041	4
8	10 - 32 Whiz Nut	800030	8	800030	4	800030	8	800030	8	800030	8	800030	8	800030	8	800030	8
9	8 - 32 Whiz Nut	800036	8	800036	8	N/A											
10	10 - 32 Lock Nut / Washer	N/A				90675A195	4	90675A195	4	90675A195	4	90675A195	4	90675A195	4	90675A195	4
11	Washer 1/4 ID x 5/8 OD	800011	4	800011	4	800011	8	800011	8	800011	8	800011	8	800011	8	800011	8
12	1/4 - 20 Hex Head Stand Off	N/A		620099	4	620099	4	620099	4	620099	4	620099	4	620099	4	620099	4
13	S11 Isolator	N/A			S11	4	S11	4	S11	4	N/A						
14	S11D70 Isolator	N/A										S11D70	4	S11D70	4	S11D70	4

Down Blast - Label Locations



Item # 3 - ETL label can be installed on DR fan cover as needed.

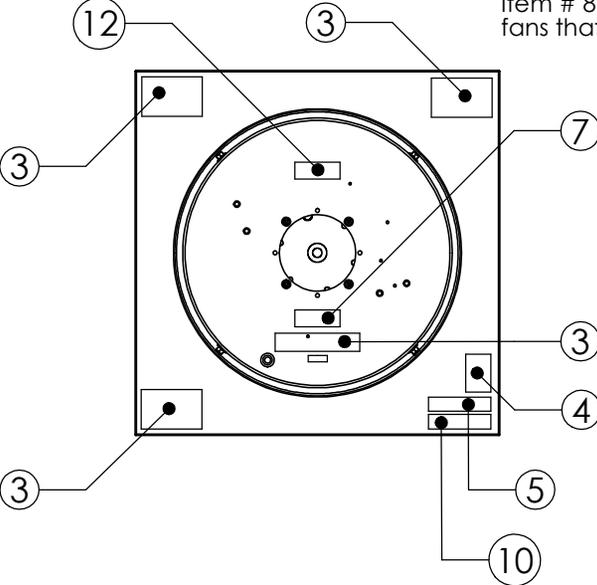


Item # 13 - Not Used On Direct Drive. Installed by top bearings.

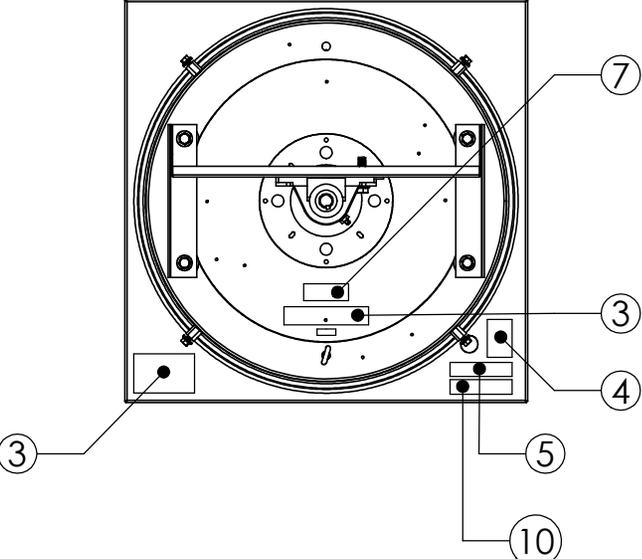
Item # 9 - Not Used On Direct Drive.

Item # 12 - Used on all fans with 3 phase motors, unless there is a VFD mounted in the fan.

Item # 6 - Installed Opposite Side Of Drain.

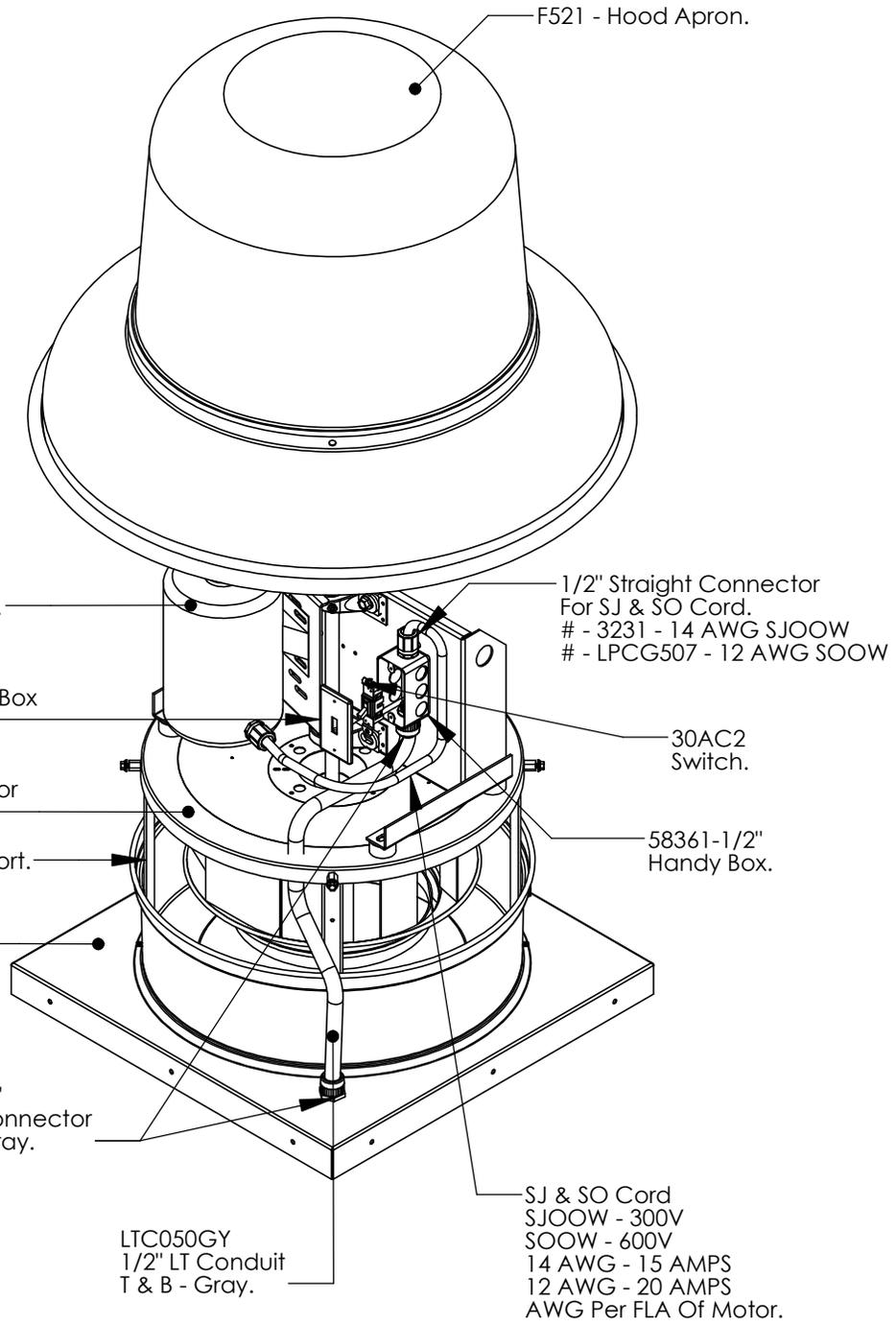
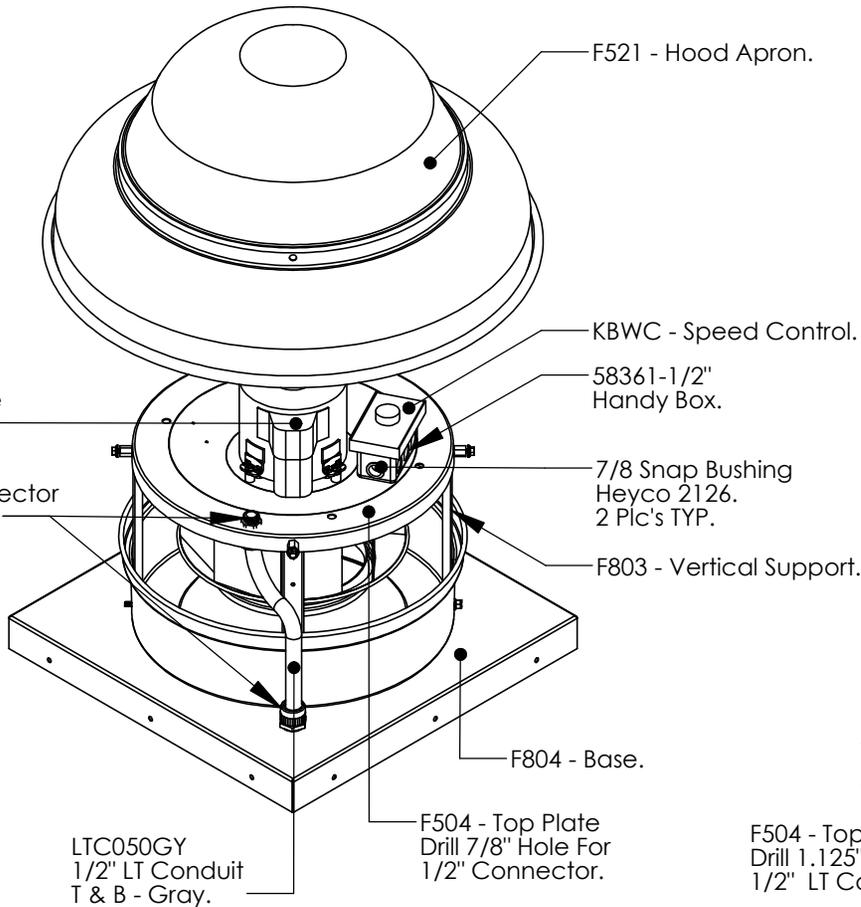


Item # 8 - Not used on fans that rotate CCW.



Labels - Up Blast Fan - Part Information.		
Item #	Description Of Parts	#
1	Name Brand Label	1
3	ETL Label	2
4	AMCA Air & Sound	1
5	QC Passed Label	1
6	Hinge Kit Label	1
7	Rotation Label CCW	1
9	Belt Size Label	1
10	Wall Mount Label	1
11	Loose Items Label	1
12	ATTENTION ! VFD Label	1
13	Bearing Grease Label	1
14	Disconnect Switch Label	1
15	Lifting Locations Under Motor Cover Label	1

Direct & Belt Drive - Down Blast - Electrical Components



Speed Control Information.

Fan Size	Speed Control	AMPS	Min Voltage Under Load	Phase
DR 10H	KBWC-16K	6	65 VAC	1
DR 12H	KBWC-16K	6	65 VAC	1
DR25H	KBWC-16K	6	65 VAC	1
DR30H	KBWC-16K	6	65 VAC	1
DR33H	KBWC-16K	6	65 VAC	1
DR50H	KBWC-110K	10	65 VAC	1
DR75H	KBWC-110K	10	65 VAC	1
DR85H	KBWC-115K	15	65 VAC	1

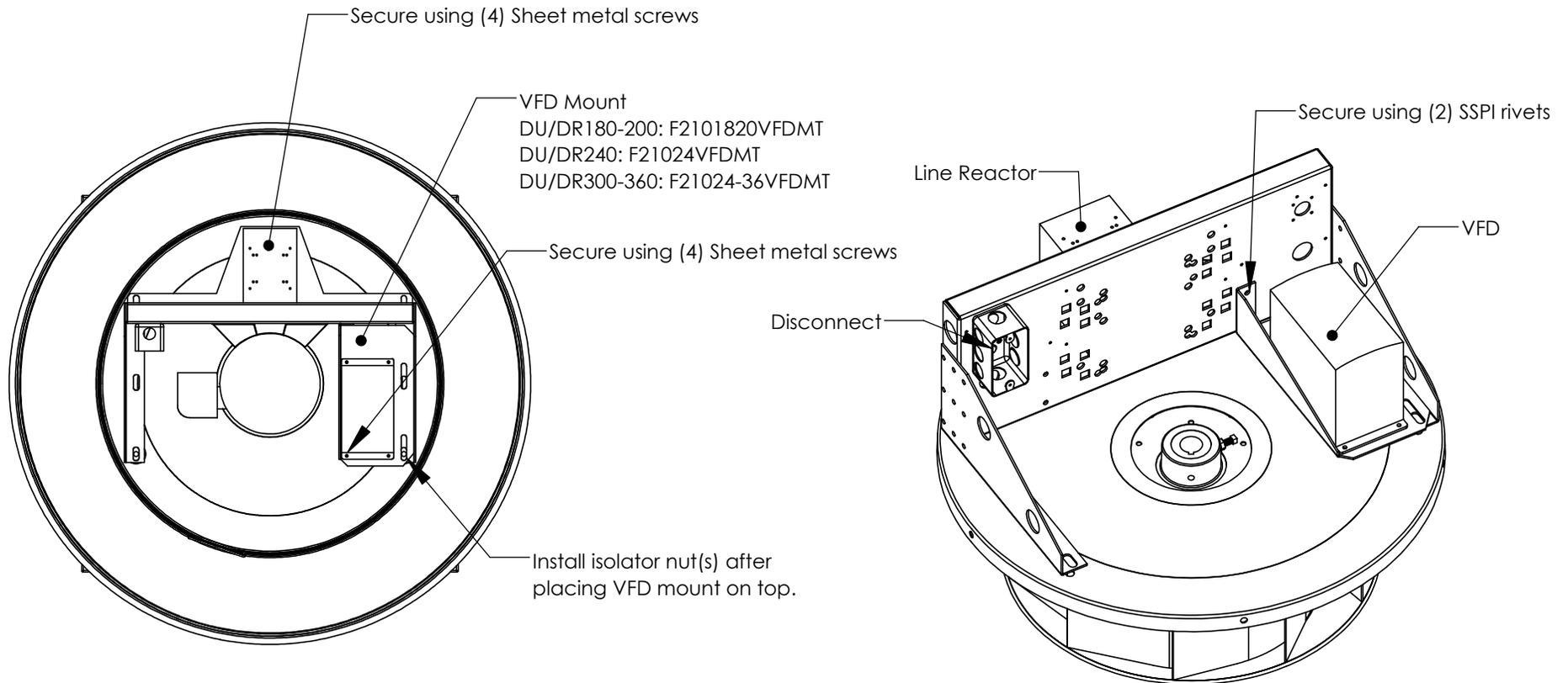
1/2" Straight Connector For SJ & SO Cord.
- 3231 - 14 AWG SJOOW
- LPCG507 - 12 AWG SOOW

30AC2 Switch.

58361-1/2" Handy Box.

SJ & SO Cord
SJOOW - 300V
SOOW - 600V
14 AWG - 15 AMPS
12 AWG - 20 AMPS
AWG Per FLA Of Motor.

Down Blast - VFD Mount Option



VFD Mount Option Instructions

1. Place VFD Plate onto bottom flange of the right side motor plate support (Remove isolator nuts if installed).
2. Use (2) SSPI Rivets to secure the VFD plate to the motor plate.
3. Install the isolator nut(s) onto the isolator(s).
4. Place VFD onto the VFD plate aligning the holes in the VFD with the .130" holes in the VFD plate.
5. Install (4) self tapping sheet metal screws.
6. Place line reactor onto motor plate F20900XXDD or F20900XXSUPDD and secure using (4) self tapping sheet metal screws.
7. Wire from disconnect to line reactor using liquid tight conduit. Terminate the conduit in the left of the motor plate using a conduit connector.
8. Run conduit from the line reactor through the motor plate to the VFD using conduit connectors on both ends.
9. Run conduit from the VFD to the motor using conduit connectors on both ends.