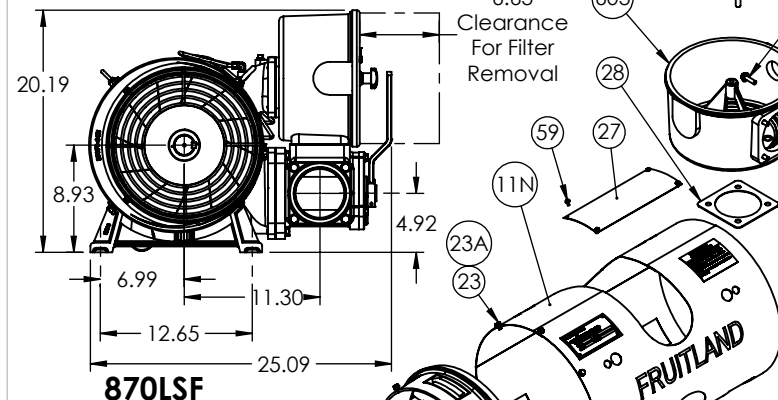
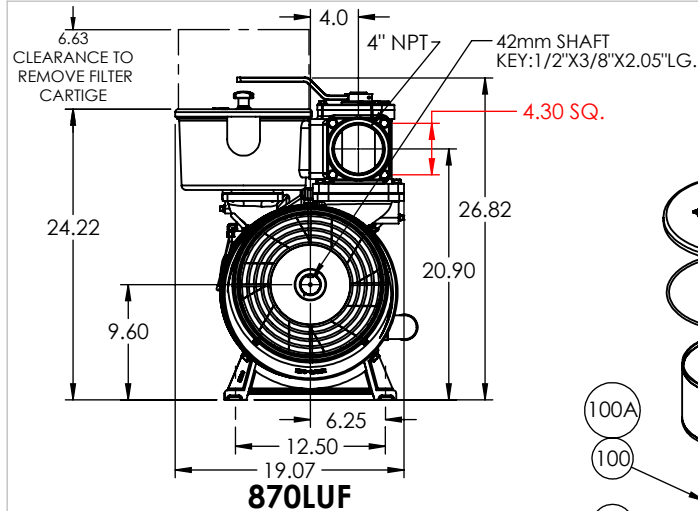


870 (LUF, LUFH, LUFA, LSFH, LSFA)



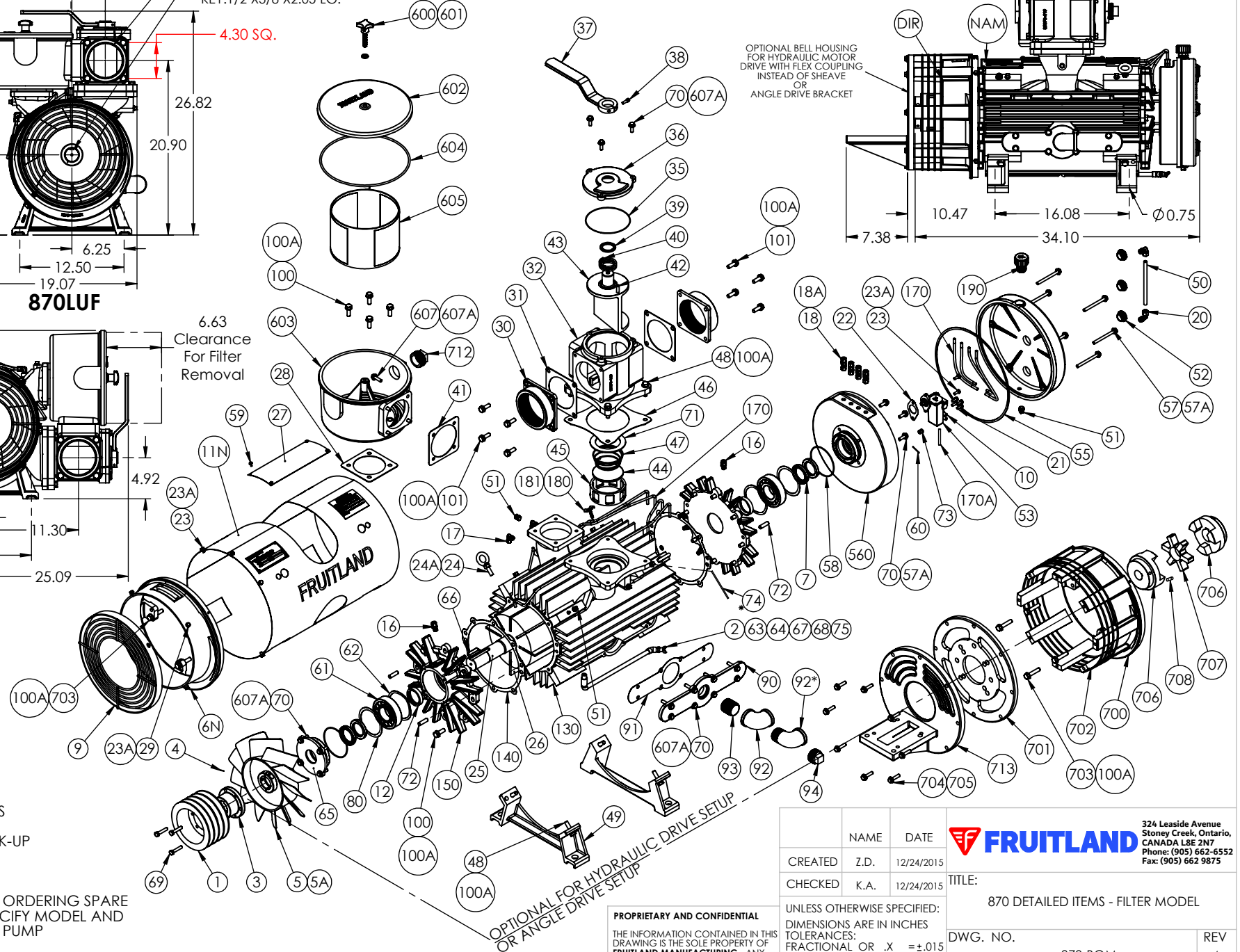
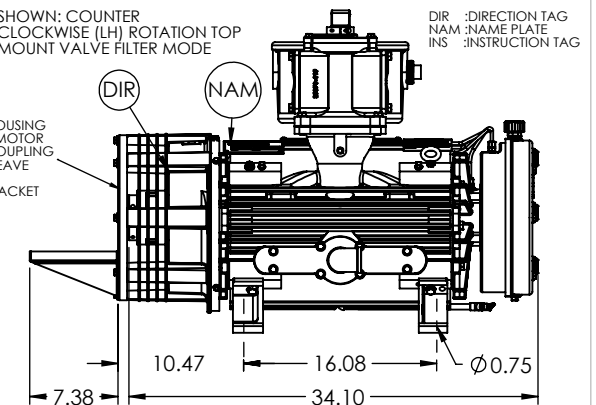
ON UPRIGHT PUMPS
NO SPRING (IT. 47)
IS USED IN THE BACK-UP
VALVE ASSY.

IMPORTANT: WHEN ORDERING SPARE
PARTS ALWAYS SPECIFY MODEL AND
SERIAL NUMBER OF PUMP

DCR# 668, REV 1, ITEM# 47 CHANGED FROM RF500-66A TO RF870-66A, ADDED ITEM# 170A RF870-518*, Z.D. 12/24/2015
DCR# 693, REV 2, ITEMS# 17, 92* & 93 ADDED, ITEM# 92 CHANGED FROM CVSP-3100-1.5FM90 TO A870-5A, ITEM# 16 CHANGED QTY. FROM 4 TO 2, Z.D. 08/15/2016
DCR# 984, REV 3, DIVERTER GASKET REPLACED WITH O-RING (ITEM# 35), ADDED #101, UPDATED #170 & #180 CHANGED FROM #10 X1-1/4" ROBERTSON SCREW, I.P. 11/17/2022
DCR# 993, REV 4, REMOVED "RF" / RCF FROM PART #S & DWG. #, 01/12/2023, I.P.

SHOWN: COUNTER
CLOCKWISE (LH) ROTATION TOP
MOUNT VALVE FILTER MODE

OPTIONAL BELL HOUSING
FOR HYDRAULIC MOTOR
DRIVE WITH FLEX COUPLING
INSTEAD OF SHEAVE
OR
ANGLE DRIVE BRACKET



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WHOLE WITHOUT THE WRITTEN
PERMISSION OF FRUITLAND MFG. IS
PROHIBITED.

NAME	DATE	FRUITLAND		324 Leaside Avenue Stoney Creek, Ontario, CANADA L8E 2N7 Phone: (905) 662-6552 Fax: (905) 662 9875
CREATED	Z.D.	12/24/2015	TITLE: 870 DETAILED ITEMS - FILTER MODEL	
CHECKED	K.A.	12/24/2015		
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL OR .X = ±.015 .XX = ±.010 .XXX = ±.005		DWG. NO.	870-BOM	REV 4
MATERIAL	--	SCALE: 1:10	WEIGHT:--	SHEET 1 OF 2

ITEM #	PART #	DESCRIPTION	QTY.
1	RF500-38	6" SHEAVE 4 GROOVE B SECTION	1
2	RF500-82A	DRAIN PLUG /VALVE 1/4" NPT	1
3	SK 42	SHEAVE BUSHING SK 42 MM	1
4	RF500-48B	5/16"NF X 7/8"LG. SHCS PLAIN	1
5	RF500-33L *	FAN ASSY - L.H.	1
5A	RF500-33R	FAN ASSY - R.H.	1
6N	RF870-34N	FAN SHROUD (NEW STYLE)	1
7	RF500-225A	OIL SEAL	4
9	RF500-30	FAN GUARD	1
10	250-6	SOLDER FITTING OIL PUMP OUTLET	4
11N	RF870-46U *	HOUSING SHROUD - LUF	1
12	RF500-8	COLLAR (FINISH GRIND)	2
16	RF500-50A	COMPRESSION FITTING 1/8" FOR 1/4"	2
17	RF870-72A	BRASS ELBOW COMPRESSION 1/8" NPT - 1/4" TUBE COMPRESSION	2
18	RF500-52A	BULKHEAD FITTING	4
18A	U-SEAL	U-SEAL WASHER (OIL TANK BULKHEAD)	4
20	RF500-32A	SIGHT TUBE ELBOW FITTING	2
21	250-6A	HOLLOW BOLT M-6 FOR OIL PUMP	4
22	RF500-27	GASKET - OIL PUMP	1
23	RF500-28A	HEX BOLT M6 X 16MM	7
23A	RF500-280A	LOCKWASHER M6	11
24	RF500-37A	EYEBOLT	2
24A	RF500-137A	M10 HEX NUT	2
25	RF870-4	870 ROTOR ASSEMBLY	1
26	RF870-6A	VANES	8
27	RF870-47	PLATE (10" X4") SHROUD PLATE	1
28	RF870-61	GASKET - PUMP (INTAKE FL. GASKET)	1
29	RF120-102A	HEX BOLT M6 X 10, FAN GUARD	4
30	RF870-4NPT	END CAP (DIVERTER 4" NPT FLANGES)	2
31	RF870-65	GASKET-DIVERTER FLG. (4" NPTFL)	2
32	RF870-11F	DIVERTER HOUSING	1
35	RF120-12-OR	DIVERTER CAP O-RING	1
36	RF120-12	DIVERTER HOUSING CAP	1
37	RF500-13F	LEVER ASSEMBLY-FILTER PUMP	1
38	RF500-130A	S.H.C. SCREW 1/4"-28 X 3/4	1
39	RF500-62A	OIL SEAL	1
40	RF500-14A	DIVERTER VANE SPRING	1
41	RF870-64	GASKET, DIVERTER-FILTER	1
42	RF500-64A	SPLIT PIN 5/16"X1-1/4"	1
43	RF870-10F	DIVERTER VALVE VANE	1
44	RF870-BUVD	BACK-UP VALVE PLATE (DISC)	1
45	RF870-BUVC	BACK-UP VALVE SEAT (CAGE)	1

* SPECIFY PUMP ROTATION "L" OR "R" AND MOUNTING DIRECTION SIDE OR UPRIGHT.

DCR# 648, REV 1, ITEM#147 CHANGED FROM RF500-66A TO RF870-66A, ADDED ITEM# 170A RF870-518*, Z.D. 12/24/2015
DCR# 693, REV 2, ITEM#17, 92* & 93 ADDED, ITEM# 92 CHANGED FROM CVSP-3100-1.5FM90 TO A1870-5A, ITEM# 16 CHANGED QTY. FROM 4 TO 2, Z.D. 08/15/2016
DCR# 984, REV 3, DIVERTER GASKET REPLACED WITH O-RING (ITEM# 35), ADDED #101, UPDATED #170 & #180 CHANGED FROM #10 X1-1/4" ROBERTSON SCREW, I.P. 11/17/2022
DCR# 995, REV 4, REMOVED "RF" FROM PART #S & DWG. #, 01/12/2023, I.P.

ITEM #	PART #	DESCRIPTION	QTY
46	RF870-62	GASKET, PUMPOUTLET (EXHAUST FLANGE GASKET)	1
47	RF870-66A	BACK-UP VALVE SPRING	1
48	RF120-48A	HEX BOLT M10 X 40MM - PLAIN	8
49	RF870-9	HOUSING BASE	2
50	RF800-25A	SIGHT HOSE	1
51	RF500-69A	PIPE PLUG 1/4" NPT BLACK SQ.HD.	7
52	RF500-25SG	GLASS SIGHT	3
53	RF500-29	OIL PUMP BI-DIRECTIONAL	1
54	RF800-189	800 OIL PUMP (RESERVOIR) COVER	1
55	RF800-191	GASKET - PUMP (RESERVOIR) COVER	1
57	RF500-24A	HEX BOLT M8 X 90MM - Z.P.	6
57A	RF500-221A	ALUM. FLAT WASHER	10
58	RF870-22A	SEAL HOUSING O-RING	2
59	RF500-71A	SELF DRILLING SCREW #6 x 3/8" LONG	9
60	RF500-72A	ROLL PIN 5/32 X 1-1/4 FOR OIL PUMP	1
61	RF500-19A	ROLLER BEARING	2
62	RF870-20A	WAVE SPRING	2
63	ELBOW 45 DEG	45° ELBOW 1/4 NPT	1
64	RF250-73A	1/4" PIPE COUPLING	1
65	RF870-15	SMALL SEAL HOUSING DRIVE END	1
66	RF500-74	KEY 3/8" x 1/2" x 2"	1
67	NIPPLE 1/4" x 11"	1/4" x 11" NIPPLE	1
68	RF250-32A	90° BRASS ELBOW	1
69	RF500-0	BOLT 5/16" NC X 1-1/2 & LW INCLD W ITEM # 3	3
70	RF500-48A	HEX BOLT M8 x 25	19
71	RF870-BUVR	BACK-UP VALVE RING	1
72	RF870-32A	DOWEL PIN - Ø.375 x 2.0 LONG	4
73	RF500-80A	OIL PUMP COUPLING	1
74	RF500-81	VANE WEAR TEST ROD	1
75	A270-5	PIPE NIPPLE - 1/4" NPT x 7/8" LONG	1
80	RF870-21	BEARING SHIMS SET .003" X 3 .005" X 2	1
90	RF870-16	BALLAST AIR PORT COVER	1
91	RF870-63	GASKET-BALLAST COVER	1
92	AI-870-5A ¹	1-1/4" NPT ELBOW FEMALE x FEMALE	1
92*	RF870-71A ¹	1-1/4" NPT STREET ELBOW	1
93	RF870-7A ¹	1-1/4" NPT NIPPLE 2"	1
94	RF870-74A	PIPE PLUG - 1-1/4" NPT - SQU. DRIVE	1
100	RF500-67A	M10 X 30MM HEX BOLT	16
100A	RF120-94A	10MM LOCK WASHER	36

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ITEM #	PART #	DESCRIPTION	QTY
101	RF500-59A	HEX BOLT - M10 x 25mm - Z.P.	8
130	RF870-1	870 HOUSING	1
140	RF870-60	GASKET HOUSING CAP	2
150	RF870-3	HOUSING END CAP	2
170	RF870-51*	COMPLETE OIL LINE SET FOR 870 PUMPS INCLD. EXTERNAL OIL LINES, OIL PUMP LINES, & HARDWARE	1
180	HBI-818-756	SELF-TAPPING SCREW - #8-18 x 3/4" LONG	1
181	RF120-52	OIL LINE CLAMP - ALUMINUM (TS035-19-44)	1
190	RF500-190P	BREATHING FILLER	1
560	RF870-22	SEAL HOUSING NO DRIVE END	1
600	RF500-F00	STAR KNOB 55mm	1
601	RF500-F01	COPPER WASHER	1
602	RF500-FL	FILTER BOX LID	1
603	RF870-7-FB	FILTER BOX	1
604	RF500-04	'O' RING	1
605	RF500-FC	ST.ST. FILTER CARTRIDGE	1
607	RF500-F07	HEX BOLT M8 X 30MM	4
607A	RF120-96A	LOCK WASHER M8	19
700	RF870-BH	HYD. DRIVE BELL HOUSING	1
701	RF500-MP	MOUNTING PLATE	1
702	RF500-GR	GUARD RINGS (1 PCS.)	4
703	RF500-703	HEX BOLT M10 X 50MM ZINC PLATED	4
704	M8X35HEX	BOLT M8 X 35 MM	8
705	M8 F/W	M8 FLAT WASHER ZINC PLATED	8
706	F190-XXX	F190 FLANGES 42 MM & SPECIFY OTHER	2
707	F130-INS	130 COUPLING INSERT (FRUITLAND)	1
708	RF120-134	SET SCREW 3/8" NC	2
712	RF500-240	PIPE PLUG - 1-1/2 NPT	1
713	RF500-ADA2	ANGLE DRIVE ADAPTOR PLATE	1
INS	RF500-INS	INSTRUCTION TAG OIL	1
MAN	RF500-MAN	MANUAL	1
DIR	RF500-DIR	DIRECTION TAG	1
NAM	RF500-NAM	NAME PLATE	1

* 870 ELIMINATOR PACKAGES ONLY

	NAME	DATE	 324 Leaside Avenue Stoney Creek, Ontario, CANADA L8E 2N7 Phone: (905) 662-6552 Fax: (905) 662 9875	
CREATED	Z.D.	12/24/2015		
CHECKED	K.A.	12/24/2015	TITLE:	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL OR .X = ±.015 .XX = ±.010 .XXX = ±.005			870 DETAILED ITEMS - FILTER MODEL	
MATERIAL			DWG. NO.	REV
--			870-BOM	4
SCALE: 1:10		WEIGHT:--	SHEET 2 OF 2	