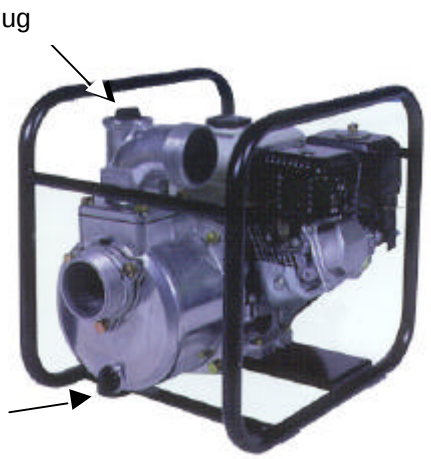
CH&E



OPERATING INSTRUCTIONS & PARTS LIST

MODELS 4094C 4095C

CAUTION

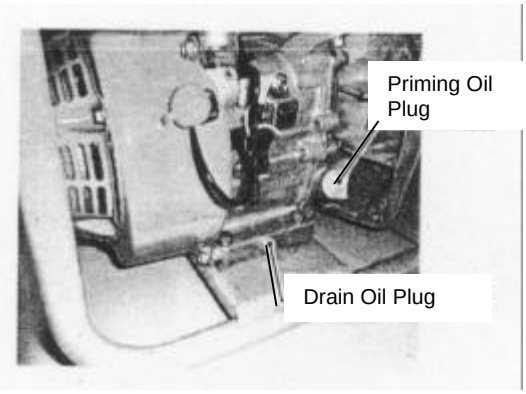


1. **Application**
   This pump is designed for the purpose of agriculture, do not apply muddy water.
   - Trouble if you don't observe.
     - Damage of Mechanical Seal

2. **Priming**
   As this pump is of the self-priming type, pour water fully from priming port before running.
   - Trouble if you don't observe.
     - Impossible pumping
     - Damage of mechanical seal

3. **Connection of the suction hose**
If priming is not made by running after pouring water from priming port, it is almost because of imperfect connection of the suction hose. In such a case, run after checking again connection of hose
   - Trouble if you don't observe.
     - Impossible pumping

4. **Supply & change of engine oil**
   Supply oil before running from oiling port, shown in photo, at the bottom of engine. Change oil every 8 hours for the first 20 hours first time, and after that, every 50 hours.



   Applied Oil:
   SAE 30 Spring-Summer
   SAE 20 Autumn-Winter
   SAE 10VV-30 for severe cold area (below-10°C); SF,SG class or equivalent.

   Apply oil having a quality of better than Grade SC (old grade MS)
   - Trouble if you don't observe.
     - Burning of engine

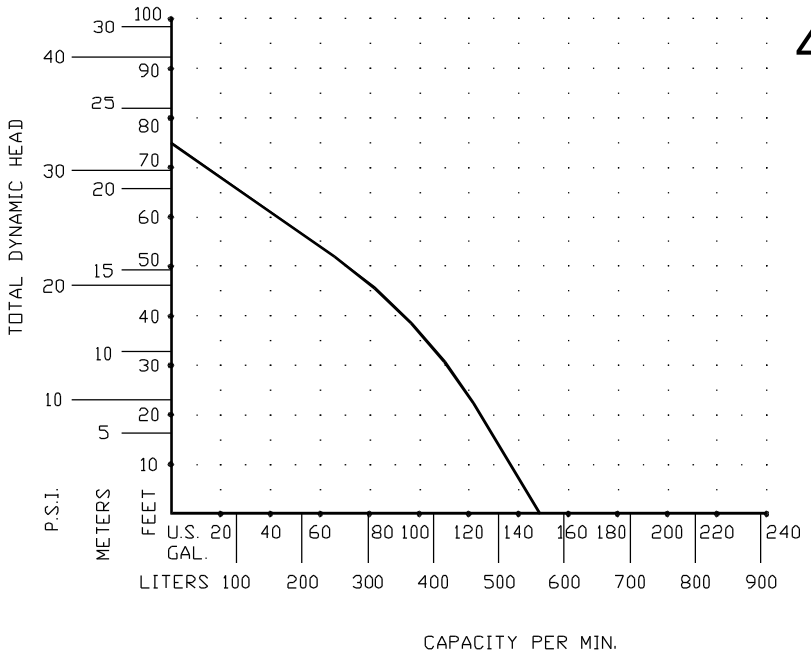
5. **Drainage after use**

   When the atmospheric temperature becomes lower than O°C, completely discharge the water out of the casing. Some water may remain inside the pump even with the drain plug removed. So, remove the front cover to complete the drainage.

SPECIFICATIONS

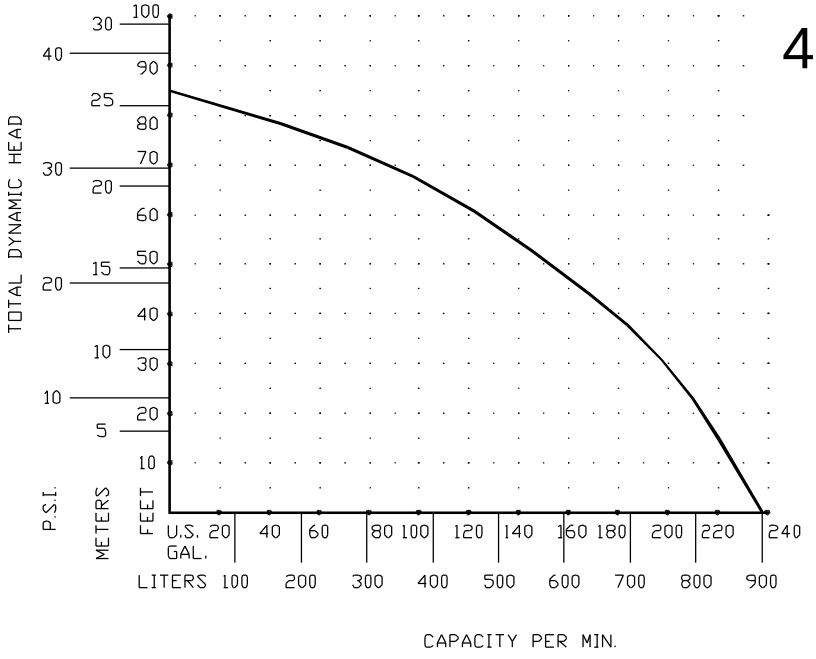
		4094C		**4095C**	
PUMP	Connection Dia.	50mm (2")		80mm (3")	
	Connection Screw	National pipe Thread			
	Delivery Head	26m 85 Ft		26m 85Ft	
	Delivery Volume	760l /min 149USG/min	600L/min 158USG/min	800l /min 238USG/min	930L / min 246USG/min
ENGINE	Type	Wisconsin Robin W1-145	HONDA GX120	Wisconsin Robin W1-185	HONDA GX160
		Forced Air Cooling 4 cycle Gasoline			
	Exhaust Volume	143 CC	118CC	183CC	163CC
	Horsepower	2.8kw/36OOrpm 4.0kw/40OOrpm		3.5kw/36OOrpm 5.Okw/40OOrpm	3.8kw/36OOrpm 5.5kw/40OOrpm
	Fuel	Gasoline			
	Fuel Tank Capacity	abt.0.7 USG		abt. 1.0 USG	
	Starting	Recoil Starter			
	Fuel Consumption hour(Full tank)	abt 2.5hr		abt 3hr	
Net Weight		51 lbs	48 lbs	70 lbs	68 lbs
Standard Accessories		Tool for Engine 1			

4094C



DS-1105

4095C



DS-1106

Trouble & Remedy

Pump does not revolve.

- Rusting inside engine
  (Refer to instruction manual of engine)
- Burning of engine
  (Refer to instruction manual of engine)
- Sticking of impeller
  (Disassemble & clean)

Pumping volume is small.

- Entrance of air at suction side
  (Check piping at suction side)
- Drop of engine output
  (Repair)
- Breakage of mechanical seal
  (Replace mechanical seal)
- High suction lift
  (Lower)
- Thin or long or kink of hose
  (Thicken or shorten or straighten)
- Leak of water from water passage
  (Stop leak)
- Clogging of foreign substance in impeller
  (Disassemble & clean)
- Wear of impeller
  (Replace impeller)

Pump does not self-prime.

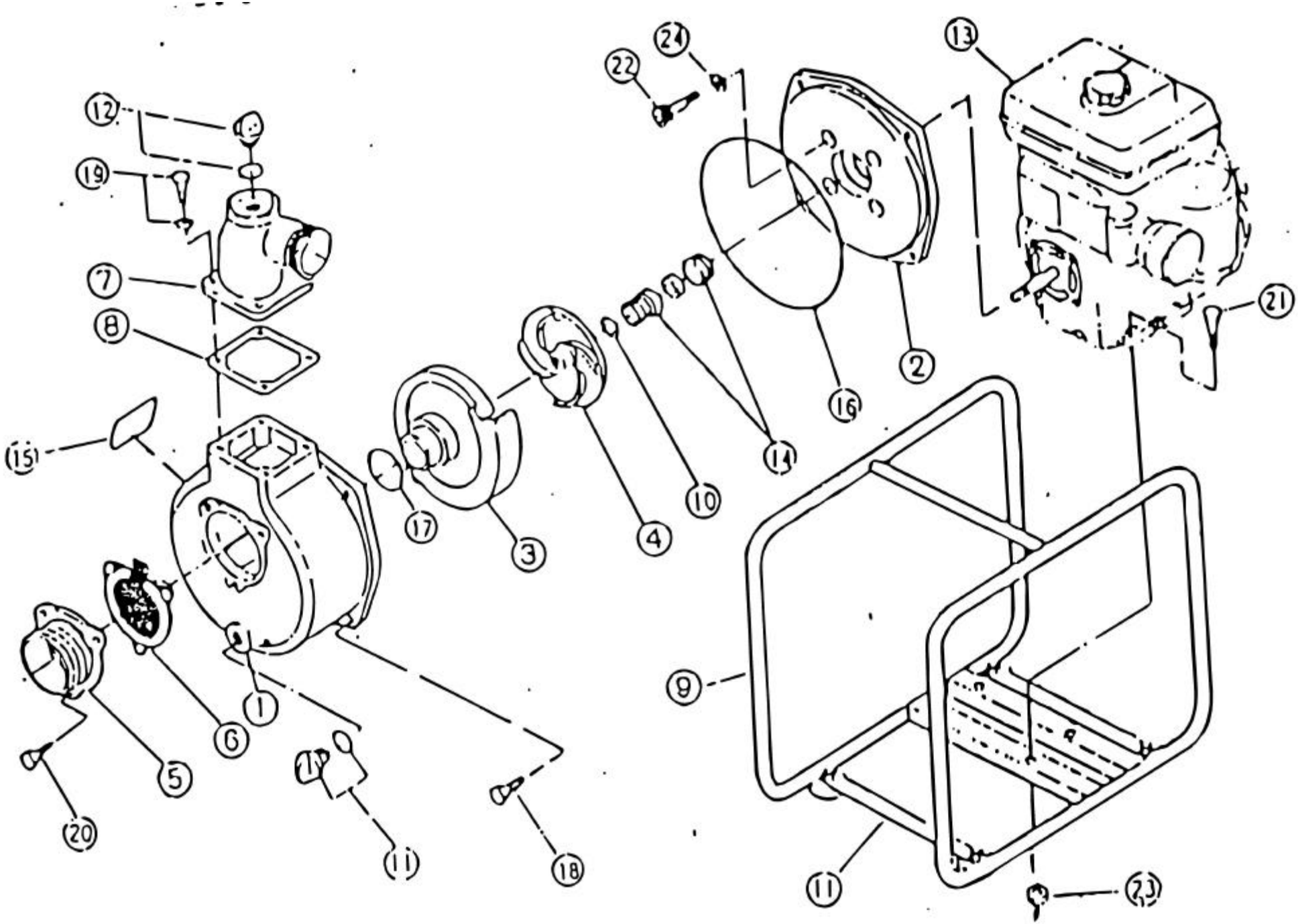
- Suction of ari at suction side
  (Check piping at suction side)
- Insufficient priming water inside pump ca
  (Prime water fully)
- Imperfect tightening to drain cock
  (Tighten the 4 plugs completely)
- Imperfect revolution of engine
  (Repair engine)
- Entrance of air from mechanical seal
  (Replace mechanical seal)

4094C Parts List

NO	PARTS NAME	PARTS No	QTY	REMARKS	No	PARTS NAME	PARTS No	QTY	REMARKS
1	Pump casing	0112578	1		**13**	Engine		1	
2	Flange bracket	0112579	1		**14**	Mechanical seal	0110688	1	
3	Volute casing	011464001	1		**15**	Name Plate	0113265	1	
4	Impeller	0113532	1		**16**	O-ring	890255043	1	1517-43
5	Suction flange	0112822	1	NPT 2”	**17**	O-ring	011278201	1	P54
6	Check valve	0112665	1		**18**	Hexagon bolt	743119046	4	M8x22
7	Delivery Flange	0111359	1	NPT 2”	**19**	Hexagon bolt	743119047	4	M8X55
8	Flange packing	0110541	1		**20**	Hexagon bolt	743119045	3	M8x20
9	Base	0118302	1	(SEW)	**21**	Hexagon bolt	743119051	4	M8x35
9	Base	0118404	1	(SEH)	**22**	Hexagon bolt	743532076	4	M8x60
10	Adjusting washer	0110466			**23**	Hexagon socket bolt	827419008	4	M8
11	Plug Set	0118078	1	20A	**24**	Seal Washer	854255008	4	ø8
12	Plug Set	0118079	1	20A					

4095C Parts List

NO	PARTS NAME	PARTS No	QTY	REMARKS	No	PARTS NAME	PARTS No	QTY	REMARKS
1	Pump casing	0112795	1		**13**	Engine		1	
2	Flange bracket	0112796	1		**14**	Mechanical seal	0110664	1	
3	Volute casing	0113176	1		**15**	Name Plate	0113323	1	
4	Impeller	0110532	1		**16**	O-ring	890255047	1	1517-43
5	Suction flange	0112876	1	NPT 2”	**17**	O-ring	889855075	1	P54
6	Check valve	0112799	1		**18**	Hexagon bolt	743119061	4	M8x22
7	Delivery Flange	0111361	1	NPT 2”	**19**	Hexagon bolt	743119063	4	M8X55
8	Flange packing	0110584	1		**20**	Hexagon bolt	743119061	3	M8x20
9	Base	0118304	1	(SEW)	**21**	Hexagon bolt	743119053	4	M8x35
9	Base	0118405	1	(SEH)	**22**	Hexagon bolt	743532076	4	M8x60
10	Adjusting washer	0110491			**23**	Hexagon socket bolt	827419008	4	M8
11	Plug Set	0118078	1	20A	**24**	Seal Washer	854255008	4	ø8
12	Plug Set	0118079	1	20A					


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