



REV	DESCRIPTION	DATE	BY	CHKD
1	ISSUED FOR MANUFACTURE	11/27/70	W. J. ...	...
2	...	...	...	...
3	...	...	...	...
4	...	...	...	...
5	...	...	...	...

TITLE: 575 PUMP MODULE ASSEMBLY  
 DRAWN BY: ...  
 CHECKED BY: ...  
 DATE: 11/27/70  
 SCALE: 1:1  
 PROJECT: ...  
 PART NO. C-433-063-001D

Figure 13 575 Exploded View

### 575 MINOR PART KIT MODULE ASSEMBLY

The MINOR parts kit includes all of the parts necessary for the suggested routine maintenance of this pump. Please check your nameplate for your pump product code number. (EX. 900-885 or 900-895)

Qty	Sym	900-885 Part Number	Description	900-895 Part Number
1		085-040-885	Oil seal, Viton	
1		085-040-883	Shaft Sleeve	435-064-001
1		085-040-884	"O" Ring, Buna-N	
1		085-040-939	"O" Ring, Buna-N	
1		085-040-940	"O" Ring, Buna-N	
8		085-040-943	"O" Ring, Viton	
2		085-040-944	"O" Ring, Viton	
2		085-040-928	"O" Ring, Viton	
5		085-041-782	(Heat Exch End Caps) "O" Ring Viton	
1		085-041-783	(Interstage Piping 3rd & 4th Stage) "O" Ring, Viton	
3		085-041-784	(Interstage Piping Silencer & Heat Exchanger Conn.) "O" Ring, Viton	
1		085-041-785	(Interstage Piping Back Flow) Centering Ring Ass'y.	900-049-240

### REFERENCE DRAWING

C-435-063-001

### 575 MAJOR PARTS KIT MODULE ASSEMBLY

The MAJOR parts kit includes all of the parts necessary for the suggested routine maintenance of this pump.  
Please check your nameplate for your pump product code number.  
(EX. 900-885 or 900-895)

Qty	Sym	900-885 Part Number	Description	900-895 Part Number
1		085-040-935	Mechanical Seal	435-071-001
4		085-040-825	Ball Bearings, Single Row	
4		085-040-912	"O" Ring, Viton	
2		085-040-942	"O" Ring, Viton	
4		085-040-914	"O" Ring, Viton	
4		085-040-915	"O" Ring, Viton	
2		085-040-918	Gasket, Viton	435-022-001
4		085-040-919	Shim Pack, Paper	435-021-001
4		085-040-920	Oil, Seal, Lip Type, Viton Lip	
1		085-040-921	Oil Sight Glass	435-019-001
1		085-040-922	Oil Sight Glass	
1		085-041-194	Oil Cup, Glass	085-041-999
1		085-040-885	Oil seal, Viton	
1		085-040-883	Shaft Sleeve	435-064-001
1		085-040-884	"O" Ring, Buna-N	
1		085-040-939	"O" Ring, Buna-N	
1		085-040-940	"O" Ring, Buna-N	
6		085-040-943	"O" Ring, Viton	
2		085-040-944	"O" Ring, Viton	
2		085-040-928	"O" Ring, Viton	
6		085-041-782	"O" Ring, Viton	

**575 MAJOR PARTS KIT MODULE ASSEMBLY (cont)**

<b>Qty</b>	<b>Sym</b>	<b>900-885 Part Number</b>	<b>Description</b>	<b>900-895 Part Number</b>
1		085-041-783	"O" Ring, Viton	
4		085-041-784	"O" Ring, Viton	
1		085-041-785	Centering Ring Assembly	900-049-240

**REFERENCE DRAWING**

**C-435-063-001**

Model 900-896-575

Lot No. SC-78895 & Future  
Serial No.

Sym	Qty	Part No.	Description
	1	900-895-075	Pump Module, Model 575
	1	D-435-062-006	List, Model 575 Dry Pump
	1	085-041-926	Motor, Elect., 5 HP 3600 RPM 3 PH, 60 HZ 184 TC Frame
	1	000-007-102	(5 lbs) Fluid, Inert, Fomblin

Heat Exchanger

	1	C-435-040-001	Heat Exchanger, 4th Stage
	1	B-435-040-002	Discharge Manifold, 4th Stage
	1	C-435-042-001	Heat Exchanger, 5th Stage
	1	B-435-043-002	Discharge Manifold, 5th Stage
	1	B-435-044-001	Discharge Cap (HX)

Silencer

	1	B-435-045-003	Silencer Body
	1	B-435-046-001	End Cap
	1	B-435-047-001	Exhaust Cap
	1	B-435-048-001	Silencer Element

Pump Piping

	2	B-435-026-001	Inlet Cap, 2nd and 3rd Stage
	1	B-435-027-001	Discharge Cap, 1st Stage
	1	B-435-039-001	Discharge Cap, 2nd Stage
	1	B-435-049-001	Inlet Nozzel
	1	B-435-050-001	Discharge Piping, 3rd Stage
	1	B-435-078-001	Discharge Piping, 4th Stage
	1	B-435-079-001	Discharge Piping, 5th Stage
	1	B-435-051-002	Inlet Piping, 4th Stage
	1	B-435-052-002	Inlet Piping, 5th Stage
	1	B-435-053-002	Back Flow Piping HX
	1	B-435-054-001	Back Flow Piping (Side Cover)
	1	B-435-055-003	Discharge Piping w/Chk. Vlv.
	1	D-435-056-004	Pump Frame
	1	A-602-231-001	Leveling Stud
	1	A-435-070-001	Key
	1	B-435-072-001	Motor Coupling

Temp Control and Timer Assy/Schematic  
C-602-145-001

	1	085-043-471	(TIC-1) Controller Temp, 0-1400 degrees F.
	2	085-042-915	Pin, Terminal, Crimp, .06 Dia.
	2A	085-043-014	Plug, 3 Pos. 5A 250VAC
	3	085-042-917	Socket, Term. Crimp .06 Dia.
	3A	085-043-015	Receptacle 3 Pos 5A 250V
	4	085-043-238	(Timer) Elapsed Time Meter 7 digit Hour Display

Model 900-896-575

Lot No. SC-78895 & Future  
Serial No.

Sym	Qty	Part No.	Description
<b>List, Model 575 Dry Pump</b>			
<b>D-435-062-006</b>			
1	4	085-043-011	Caster, 3" Dia Wheel
2	16	085-041-937	Screw, Cap, M8 x 12.5 x 25 Lg.
3	16	085-042-970	Nut, M8 x 12.5 x 25 Lg.
4	16	085-041-971	Lock Washer
5	16	085-041-972	Washer
6	4	085-043-013	Leveling Pad
7	8	003-007-002	(Leveling Pad) Nut
8	4	085-041-953	(Pump Mtn) Screw
9	6	085-041-954	(Pump Mtn) Nut
10	4	085-041-955	(Pump Mtn) Washer
11	6	085-040-943	(Pump Mtn) "O" Ring, Packing
12	2	085-040-944	(4th Stage) "O" Ring, Packing
13	2	085-040-928	(5th Stage) "O" Ring, Packing
14	36	085-041-944	Screw
15	36	058-041-945	Washer
16	4	085-041-947	Washer
17	1	085-041-942	(Silencer Mtn) Bolt
19	4	001-003-041	Screw
20	5	085-041-782	"O" Ring, Packing
21	6	085-041-966	Nut
22	6	085-041-967	Lock
23	4	085-043-679	Washer
24	4	007-005-002	Washer
25	2	085-041-979	Screw, Cap
26	5	085-041-939	(Heat Exchanger (3) Silencer (2)) Clamp V Coupling
27	1	085-043-375	Coupling, 2 Way
28	2	085-041-976	(Oil Tank) Nut
29	1	085-043-376	(N2 Inlet) Coupling
30	1	085-022-081	(N2 Inlet) Elbow 90 degrees
31	1	085-040-703	(N2 Inlet) Ftg, Pipe, 304 SS 90 degrees
33	9	085-041-938	(N2 Regulator) Lock, Washer
35	4	001-001-059	Screw
35A	2	085-043-373	(H2O In-Out) Coupling
35B	2	085-043-374	(H2O In-Out) Coupling
36	1	085-042-351	(Water Circuit) Flow Meter
37	1	085-041-602	(Water Circuit) Valve, Sol 3/8"
38	1	030-001-062	(Water Circuit) Valve, Gate 3/8"

Model 900-896-575

Lot No. SC-78895 & Future  
Serial No.

Sym	Qty	Part No.	Description
39	1	085-043-555	(Water Circuit) Fitting, E1, 90 degrees SS, Male Connector 3/8" OD x 3/8" NPT
40	1	085-043-556	(Water Circuit) Fitting, SS tube Male Connector 3/8" OD x 1/4" MPT
41	2	026-041-854	(Water Circuit) Fitting
42	9	085-024-753	(Water Circuit) Fitting, SS tube Elbow 3/8" NPT
43	3	085-043-558	(Water Circuit) Fitting, SS tube Union 3/8" NPT
44	18	085-043-559	(Water Circuit) Fitting, Nipple 3/8" x 1" Lg. NPT.
45	1	000-043-586	(Water Circuit) Ftg. Tee 3/8 NPT SS
45A	2	085-038-435	Ftg. Tube 90 degrees Male Elbow SS
45B	2	085-043-712	Ftg. Tube Male Conn. SS 3/8 O.D. Tube x 1/8 NPT
46	3	085-041-904	(N2 Purge) Fitting, Elbow 90 degrees
47	1	085-041-925	(N2 Purge) Fitting, Tube, Plug
48	1	085-041-854	(N2 Purge) Fitting, Tube, Connector Male 3/8" SS
49	1	085-043-556	(N2 Purge) Fitting, SS tube Male Connector 3/8" OD x 1/4" MPT
50	1	085-007-309	(N2 Purge) Fitting, Pipe, 304 SS Plug
51	1	085-005-863	(N2 Purge) Fitting, Pipe, Nipple
52	2	085-041-909	(N2 Purge) Fitting, Pipe, Adapter
53	1	085-041-924	(N2 Purge) Fitting, Tube, Elbow 45 degrees
54	5	085-041-933	(N2 Purge) Fitting, Tube, Connector Male
55	1	085-043-669	Flow Meter Nitrogen Needle Valve 1 to 10 Std l/min
55A	1	085-043-032	Flow Meter, N2 3 Tube
56	1	085-043-187	Regulator, Press 3 to 30 PSI
57	4	085-043-188	Screw
58	13	085-041-974	(Tripple Flow Meter) Screw
59	1	085-041-929	(N2 Purge Sys) Valve, Sol Medium Vac.
61	4	001-030-009	(Flow Meter) Screw
62	4	007-018-001	(Flow Meter) Lock Washer
63	3	085-041-932	Valve, Ball 1/4" O.D.
64	1	085-044-100	Gasket, Copper 3/8" Dia. Bolt Hole, SS Support w/ 48" Lg. T/C Wire
65	4	003-001-002	Nut
66	2	085-040-581	(N2 Purge System) Ftg, Tube, Elbow 90 degrees
67	1	085-022-082	Ftg, Pipe, Tee
68	1	085-039-459	Ftg, Nipple
69	1	085-043-189	Ftg, Elbow
70	6	900-049-240	Centering Ring Assy NW-40
71	6	900-049-140	Clamp, Assy, NW-40
72	2	085-040-982	Centering Ring Assy NW-50
73	2	085-040-981	Clamp, Assy NW-50