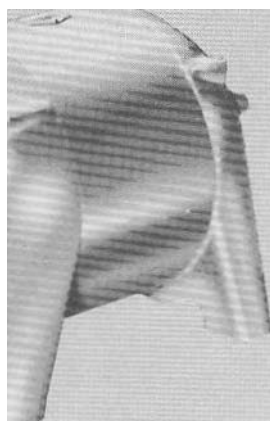
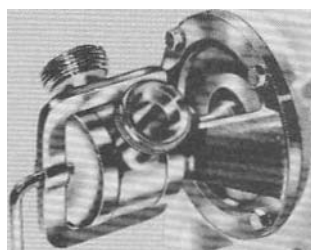
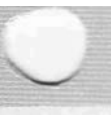


MODEL 15210 Series 15230 Series 15250 Series 15270 Series

JABSCO® PUMPS

Pureflo® Sanitary



DESIGN FEATURES

Body: Type 316 **Stainless Steel**
Impeller: **Jabsco** Neoprene Compound
Seal: Sanitary Mechanical-Carbon Face
Ports: 15210-0665 } 1½" **Acme** Sanitary
15230-0665 } Threads, Ground Seat
15250-0665 } 2" **Acme** **Sanitary**
15270-0665 } Threads, Ground Selt

Motor: Model **15210-0665** Sinituy . ¾ HP
T.E.N.V., 1150 RPM,
3-Phase, 220/440V B.II
Bearing, **Shaft-Type**
303 **Stainless StHI**

Model 15210-2665 Open Drip Proof ¾ HP
115/230V Single Phlse
1750 RPM Shift-Type
303 **Stainless Steel**

Model 15230-0665 Sanitary 2 HP, 1750
RPM, **3-Phase**,
220/440V., Bill
Bearing, Shift-Type
303 Stainless Steel

Model 15250-0665 **Sanitary** - 3 HP, 1160
RPM, **3-Phase**,
220/440V., Bill **Bear-**
ing, Shift-Type 303
Stainless Steel

Model 15270-0655 **Sanitary** - 3 HP, 1160
RPM, **3-Phase** 220/440
V., Ball Bearing, Shaft-
Type 303 **Stainless**
Steel

VARIATIONS AVAILABLE

Illustration	Old Model Number	Standard	Old = Suffi	10 GPM Single	15 GPM	25 GPM	38 GPM	74 GPM
Standard Neoprene Impeller & Clean In Place Ports	11	15210-2665	15210-0665	15230-0665	15250-0665	15270-0655		
High Pressure Neoprene Impeller & Acme Ports	11	15210-2765	15210-0765	15230-0765	15250-0765	15270-0755		
High Pressure Neoprene Impeller & CIP Ports	11	15210-2775	15210-0775	15230-0775	15250-0775			
Nitrile Impeller & Acme Port	•	15210-2663	15210-0663	15230-0663				
Nitrile Impell. & CIP Ports	•01N	15210-2763	15210-0763	15230-0763				

NOTE: Sanitary **Nitrile** Impellers are available In the models shown above to handle food products having ll high oil content.

Weight: Model 15210-0665 54 lbs. (approx.)
Model 15210-2665 54 lbs. (approx.)
Model 15230-0665 54 lbs. (approx.)
Model 15250-0665 110 lbs. (approx.)
Model **15270-0665** 123 lbs. (approx.)

APPLICATIONS AND OPERATING INSTRUCTIONS

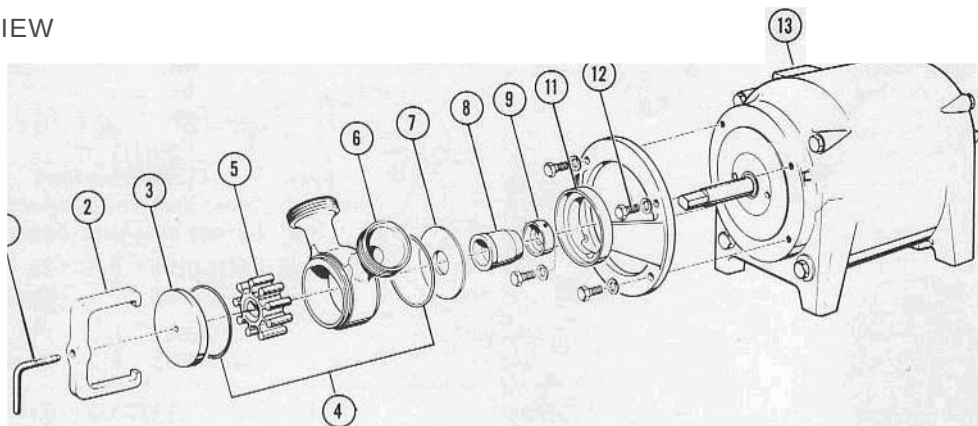
Some of the many diverse products handled by **Jabsco** Pureflo pumps include: DAIRY PROCESSING Bulternilk. Condensed **Milk**. Cream, Milk, Eggs, Whey and other assorted dairy products. FOOD PROCESSING Sugar **Liquors**, Brines, Calsup, **Chocolate**, Ghlze, Gelalin, Halley, Jams, Jellies, **Mayonnaise**, Molasses, Mustard, Pickle Relish, Vinegar, **Water**, **Yeast** Slurries. BEVERAGE PROCESSING Alcohols. Beers, Brewery Slop, Cider. Distillery Wort, Extracts. Flavors, Juices. **Mash**, Soft Drinks. Wines. MISCELLA EOUS Chemicals, Cosmetics. Pharmaceuticals. Jabsco Pureflo Malar rump Units will pump fluids to the viscosity range of 500 SSU. Fluids with a **higher viscosity**

range should be handled with a Pedestal Mount Pureno Pump operating at reduced speeds.

1. INSTALLATION - Pump may be mounted in any position. Pump head rotates 360° to permit desired port location. Intake and discharge ports are determined by the direction of shaft rotation. looking at end cover with clockwise rotation, inlet port is on horizontal right, with left port vertical.
2. SELF-PRIMING - Pump will produce 15 feet of vertical suction lift when dry and 22 feet of lift when wetted. INTAKE LINES MUST BE AIR-TIGHT to prevent product foaming and assure self-priming.

3. RUNNING DRY - The impeller is lubricated by the product being pumped. DO NOT RUN DRY for more than 30 seconds. Lack of liquid may damage the impeller.
4. TEMPERATURES - 40°-150°F. Contact factory for impeller recommendation on applications outside this range. Other impeller compounds are available which may be utilized for certain applications at higher or lower temperatures.
5. PRESSURES - Consult performance chart. When operating pressures approach the upper recommended ranges for standard pressure impellers, it is ordinarily desirable to use a high pressure model to increase impeller life.

EXPLODED VIEW



15210-Series

KEY	DESCRIPTION	PART NUMBER	S.i.1 No. 10-AJ140a thru 10-AJ1551 IQ-A41 thru 10-A99		S.i.1 No. 10-1216 thru IQ-Jt3120 10-41 th., 10-41 9		QTY
			6-72 & Subsequent	3-70 thru 5-72	10-41 th., 10-41 9	10-11 thru 10-1215	
1	Clamp Screw	10408-0010		10408-0010			1
2	Clamp	12695-0000		12695-0000	12534-0000	98018-0020	1
3	End Cover	10435-0001		10435-0001	9268-0000	8253-0000	1
4*	O Ring (Body)	92000-0290		92000-0290	92000-0720	92000-0650	2
5*	Neoprene Imp (Std.1)	7614-0005		7614-0005	7614-0005	7614-0005	1
	Neoprene Imp (H.P.)	8980-0005		8980-0005	8980-0005	8980-0005	
	Nitrile Imp (Std)	7614-0006		7614-0006	7614-0006	7614-0006	
	Nitrile Imp (H.P.)	8980-0006		8980-0006	8980-0006	8980-0006	
6	Body (Acme)	15014-0061		15014-0061	9265-0000	7564-0000	1
	Body (elPI)	15014-0071		15014-0071	9266-0000	7564-0010	
Not Shown	O Ring (ICIP Port)	92000-0710		92000-0710	92000-0110	92000-0710	2
7	Wear Plate	10396-0010		10396-0010	9267-0000	7806-0000	1
8*	Seal Assy	7749-0000		7749-0000	7749-0000	7749-0000	1
9	Seal Collar	5301-0000		5307-0000	5301-0000	5307-0000	1
Not Shown*	Allen Wrench	92351-0050		92351-0050	92351-0050	92351-0050	1
11	Adaptor	12694-0000		12694-0000	7565-0000	7565-0000	1
12	Bolt	91094-0230		91094-0070	81106-0040	91106-0040	4
	Washer	91602-0260		91602-0090	81602-0090	91602-0090	4
13	Motor 3 Phase 3/4 HP	93004-1030		93004-1030	93004-0670	93004-0670	1
	Motor Single Phase 3/4 HP	83004-1020		93004-1020	83004-0660	93004-0660	
	Service Kit Neoprene Std.1	90072-0005		90072-0005	90072-0005		
	Neoprene (H.P.)	80073-0005		90073-0005	90073-0005		
	Nitrile (Std.1)	90072-0003		90072-0003	90072-0003		

*Parts supplied in Service Kit

SERVICE INSTRUCTIONS

All Model Pumps

ASSEMBLY AND DISASSEMBLY OF PUMP HEAD

Before using pump it should be disassembled and cleaned to remove any dust and dirt resulting from storage or shipping. Wash parts in standard cleaning solutions approved for handling stainless steel. Thoroughly rinse before reassembly. **DO NOT USE IODINE BASED SANITIZERS** as the iodine attacks the elastomer materials used in the impeller.

All parts have been expertly machined and polished. **HANDLE WITH CARE. DO NOT DROP OR MISHANDLE.**

DISASSEMBLY

1. Remove end cover clamp, end cover and "O" ring.
2. Grasp pump ports and slide pump body and impeller from shaft.
3. Remove "O" ring and then push the impeller from the pump body.
4. Remove wearplate from pump.
5. Slide seal assembly off the shaft. Do not damage the carbon seal face in handling. Do not loosen or remove seal collar, except as noted below.

ASSEMBLY

1. Slide seal assembly onto shaft (carbon face toward pump head).
2. Replace wearplate. **BE SURE THAT FLAT SIDE IS TOWARD PUMP HEAD AND THE SIDE WITH THE RAISED BOSS IS TOWARD CARBON FACE OF SEAL ASSEMBLY.**
3. Lubricate bore of pump body with Orange **Solid** Grease or suitable substitute and then replace **impeller** into pump body by twisting and pushing at same time.
4. Replace two "O" rings on either side of body and install assembly on shaft. (Impeller blades bent under cam should point in opposite direction to operational rotation.)
5. Position end cover and then replace end cover clamp. **CLAMP SHOULD BE HAND TIGHTENED.** Do not use wrench or hammer.

NOTE: The seal collar is set at the factory to provide proper seal compression and should not require further adjustment.

If adjustment is required:

With pump head disassembled, loosen two set screws on seal collar. Replace seal assembly on shaft and then install wearplate in *Reverse Position* with flat side toward seal. While holding wearplate in position against adapter, push seal assembly and seal collar against wearplate and tighten the two set screws in seal collar. Remove wearplate and replace to correct position with raised boss against carbon face of seal before assembling pump. **DO NOT DISASSEMBLE PUMP WITH WEARPLATE IN REVERSE POSITION.**

HEAD CAPACITY TABLES

STANDARD PRESSURE MODELS

15210-0665, -0765 -2665, -2765.				15230,0665, -0765				15250-0665, -0765				15270-0665, -0755			
TOTAL HEAD		1750 RPM		TOTAL HEAD		1750 RPM		TOTAL HEAD		1160 RPM		TOTAL HEAD		1160 RPM	
lbs. per Sq. In.	Ft. of Water	GPM	HIP	lbs. per Sq. In.	Ft. of Water	GPM	HIP	lbs. per Sq. In.	ft. of Water	GPM	HIP	lbs. per Sq. In.	ft. of Water	GPM	HIP
4.3	10	11.3	$\frac{3}{4}$	4.3	1G	25.5	2	4.3	1G	35.2	3	8.7	20	74	3
8.7	20	10.2	$\frac{3}{4}$	8.7	2G	24.6	2	8.7	20	33.8	3	17.3	40	62	3
13.0	30	9.0	$\frac{3}{4}$	17.3	40	23.0	2	17.3	40	29.4	3	21.6	50	54	3
21.6	5G	5.2	$\frac{3}{4}$	26.0	60	21.0	2	26.0	60	23.2	3				
				34.6	80	18.0	2								

HIGH PRESSURE MODELS

15210-0675, -0115 -2675, -2775				15230-0675, -0775				15250-0675, -0775			
TOTAL HEAD		1750 RPM		TOTAL HEAD		1750 RPM		TOTAL HEAD		1160 RPM	
lbs. per Sq. In.	Ft. of Water	GPM	HIP	lbs. per Sq. In.	ft. of Water	GPM	HIP	lbs. per Sq. In.	ft. of Water	GPM	HIP
8.7	2G	10.4	$\frac{3}{4}$	17.3	40	22.8	2	8.7	20	37.4	3
17.3	4G	8.7	$\frac{3}{4}$	26.0	6G	21.9	2	21.6	50	36.8	3
26.0	6G	6.2	$\frac{3}{4}$	34.6	8G	20.8	2	34.6	80	35.0	3
34.6	80	4.6	$\frac{3}{4}$	51.5	12G	17.1	2	47.6	11G	32.7	3
				60.5	14G	14.2	2	60.5	14G	28.5	3

15230-Series

		Serial No. 25-A41 and Subsequent	Serial No. 25-11 thru 25-32370 25-41 thru 25-445	
KEY	DESCRIPTION	PART NUMBER	PART NUMBER	QTY
1	Clamp Screw	9551-0010		1
2	Clamp	12698-0000	12533-0000	1
3	End Cover	10515-0001	8825-0000	1
4	O Ring 180dyl	92000-0310	92000-0690	1
5	Neoprene Imp. (Std.)	8981-0005	8981-0005	1
	Neoprene Imp. (HT)	8840-0005	8840-0005	
	Nitrile Imp (Std)	8840-0006	8840-0006	
6	Body (Acme)	15034-0061	8608-0000	1
	Body (CIP)	15034-0071	8808-0000	
	O Ring (CIP Port)	92000-0710	92000-0110	1
7	Wear P/T	10046-0010	8806-0000	1
	Seal Assy	8728-0000	8728-0000	1
8	Seal Collar	8727-0000	8727-0000	1
	Allen Wrench	92351-0050	92351-0050	1
11	Adaptor	14034-0000		
12	Bolt	91094-0070	91106-0040	0
	Washer	91602-0090	91602-0090	1
13	Motor (2 HP)	93004-1010	93004-0680	1
	Service Kit			
	Neoprene (Std.)	90089-0005	90089-0005	
	Neoprene (HP)	90090-0005	90090-0005	
	Nitrile (Std.)	90090-0006	90090-0006	
14	Parts supplied in Service Kit			

15250-series

		Serial No. 50-A41 and Subsequent	Serial No. 50-251 thru 50-32610 50-41 thru 50-445	Serial No. 50-11 thru 50-250	
KEY	DESCRIPTION	PART NUMBER	PART NUMBER	PART NUMBER	QTY
1	Clamp SCdW	10697-0010			1
2	Clamp	129960000	12058-0000	98018-0080	1
3	End Cover	10299-0001	12056-0000	120560000	1
4	O Ring (Body)	92000-0040	92000-0740	92000-0700	1
5	Neoprene Imp (Std.)	14346-0005	14346-0005	14346-0005	1
	Neoprene Imp. (H.P.)	8983-0005	8983-0005	8983-0005	
6	Body (Acme)	15054-0061	8994-0000	8994-0000	1
	Body (CIP)	15054-0071	12024-0000	12024-0000	
NOI Shown	O Ring (CIP Port)	92000-0130	92000-0730	92000-0730	1
7	Wear P/T 1"	10276-0010	8896-0000	8896-0000	1
	Seal Assy	9023-0000	9023-0000	9023-0000	1
8	Seal Collar	1866-0000	1866-0000	7866-0000	1
No. Shown	Allen Wrench	92351-0050	92351-0050	92351-0050	1
11	Adaptor	14094-0000	8894-0000	8894-0000	1
12	Bolt	91094-0070	91106-0040	91106-0040	●
	Washer	91602-0090	91602-0090	91602-0090	●
13	Motor (3 Hpi)	93004-1680	93004-0690	93004-0690	1
	Service Kit				
	Neoprene (Std.)	90093-0005	90093-0005		
	Neoprene (Hp.)	90094-0005	90094-0005		
	Parts supplied in Service Kit				

15270-Series

KEY	DESCRIPTION	PART NUMBER	Serial No.	Serial No.	Serial No.	QTY
			thru 100-A99 3-10 thru 1-10	1110-3198 thru 100-33180 and 100-41 thru 483	100-1 thru 100-3197	
	8-10 & Subsequent					
1	Clamp Screw	10354-0010	10354-0010			1
2	Clamp	12927-0000	12927-0000	12197-0000		1
3	End Cover	10345-0001	10345-0001	12531-0000	8965-0000	1
4	Fl Ring (Body)	92000-0030	92000-0030	92000-0630	92000-0630	2
5	Neoprene Imp. (Std.)	8963-0005	8984-0005	8984-0005	8984-0005	1
6	Body (Acme)	15074-0061	150140061	7994-0000	7994-0000	1
	Body (CIP)	15074-0071	15014-0011	12014-0000	12014-0000	
Not Shown*	Fl Ring (CIP Port)	92000-0730	92000-0730	92000-0730	92000-0730	2
7	Wear Plate	10346-0010	10346-0010	709611000	10960000	1
8	Seal Assy	14052-0000	14052-0000	14052-0000	14052-0000	1
9	Seal Collar	8248-0000	8248-0000	8241-0000	8241-0000	1
Not Shown*	Allen Wrench	92351-0050	92351-0050	92351-0050	92351-0050	1
11	Adaptor	14104-0000	14104-0000	8964-0000	8964-0000	1
12	Gasket	91094-0070	91094-0070	91106-0040	91106-0040	1
	Washer	91602-0090	91602-0090	91602-0090	91602-0090	1
13	Motor (3 HP)	93004-1690	93004-1080	93004-0690	93004-0690	1
	Service Kit Neoprene (Std.)	90080-0035	90080-0025	90080-0025	90080-0025	
	Parts supplied in Service Kit					

NOTE: Product viscosity to 500 S.S.U. may be handled by Pureflo motor pumps with 1750 RPM motors.

Product viscosity to 6000 S.S.U. may be handled by Pureno motor pumps with 1160 RPM motors.

EXPLANATION OF SERIAL NUMBERS:

1. Effective March 30, 1970, the Serial Number consists of Month and Year of Manufacture, e.g. 5-70 - May, 1970.

2. Prior to March 30, 1970:

The first part of the Serial Number denotes the capacity of the pump. For example, serial number 100-3021 was used on a 100 GPM pump. The first number in the second series of digits denotes the year the pump was manufactured. For example, Serial number 100-3021 reveals the pump was produced in 1963. The use of this digit is VERY IMPORTANT. A pump bearing the serial number 100-401 is a "later" number than serial number 100-3021. Pumps with serial numbers containing the letter "A" are of most recent design except as noted in 1 above.

JABSCO PRODUCTS 

A Unit of International Telephone and Telegraph Corporation, 1485 Dale Way, Costa Mesa, California 92626
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For technical advice or service please take your pump into your local pump service center.
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