



THE NEXT REVOLUTION IN WETPUMPS



Built upon the market dominating principles that established the original #971 as the go-to solution for pumping worldwide, the new #977 design takes the next step forward in reliability and quality that RYCO is already known for.

Typical damage from other wetpumps is mitigated by the new inlet design, which allows fish to be gently handled throughout the pumping operation, eliminating the issues with common high inlet designs. From suction to discharge, the new #977 revolutionizes the gentle handling concept that all RYCO pumps are famous for.

This new design builds upon the decades of knowledge and reputation that RYCO has accumulated for ease of operation, simple maintenance and quality in construction as well as quality in the product produced

Our automatic wetpumps use standard compressed air valves and air cylinders. This system will not freeze up in cold air, and is easily maintained in remote locations by untrained employees. This is the most bulletproof control system available.

FEATURES:

- Pumps up to 80 tons/ hour with 30 hp.
- Tanks available from 30 to 600 cubic ft.
- Blowers from 100 to 2500 cfm
- Automatic pumps easily operated manually
- Manual pumps easily converted to auto
- Suction heights to 20 feet
- Discharge heights to 50 feet
- Discharge distances to 2000 feet
- Tanks and frames are stainless
- Diesel, electric or hydraulic drives
- Power units integral or remote
- Custom options available; we work with our customers from quote to operation!

UTILITIES:

- Water: fresh or salt, 5 gpm, 30 psi (min.)
- Automatic cycle requires 1 cfm air at 100 psi

SPECIFICATIONS MAY CHANGE, CONTACT RYCO FOR SPECIFIC APPLICATIONS

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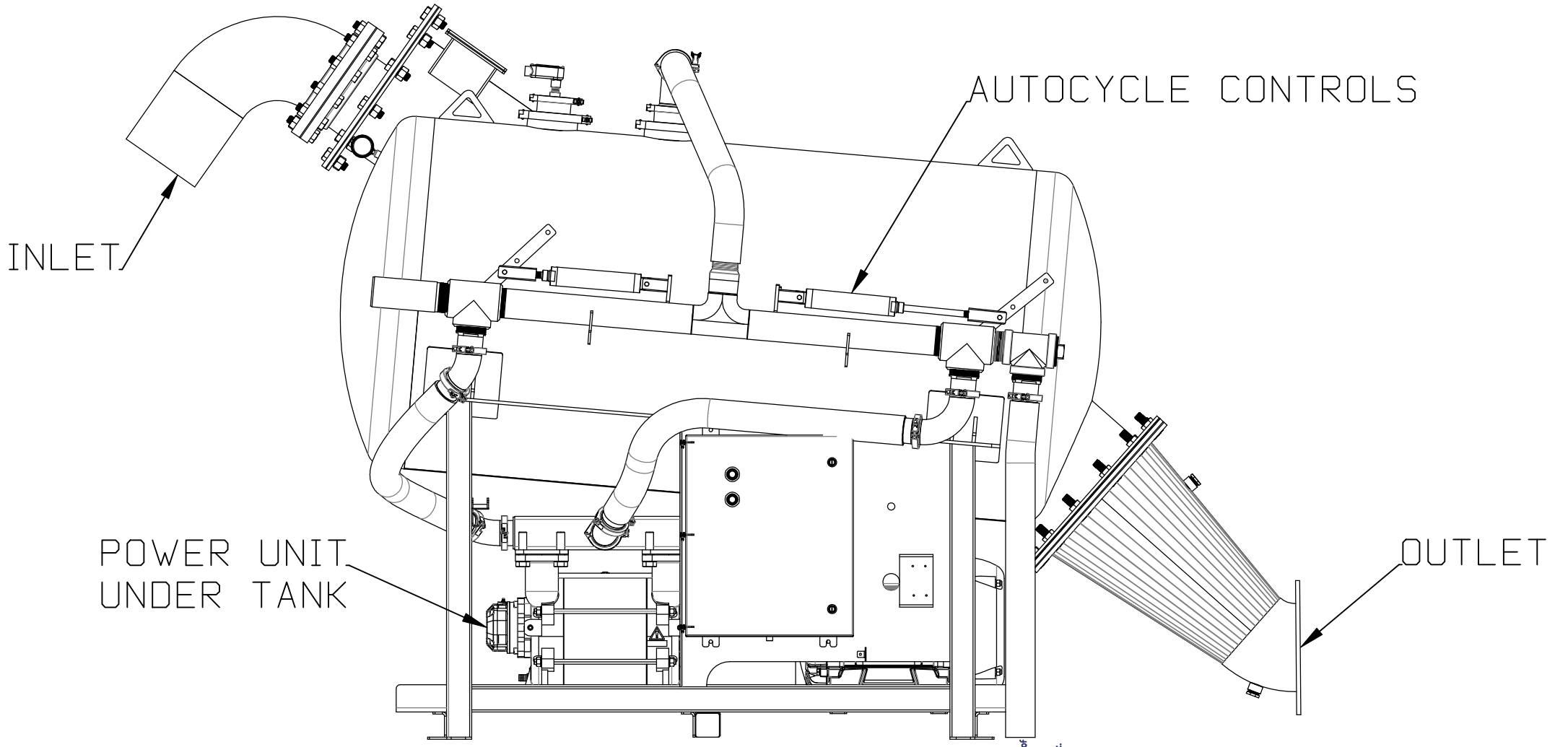
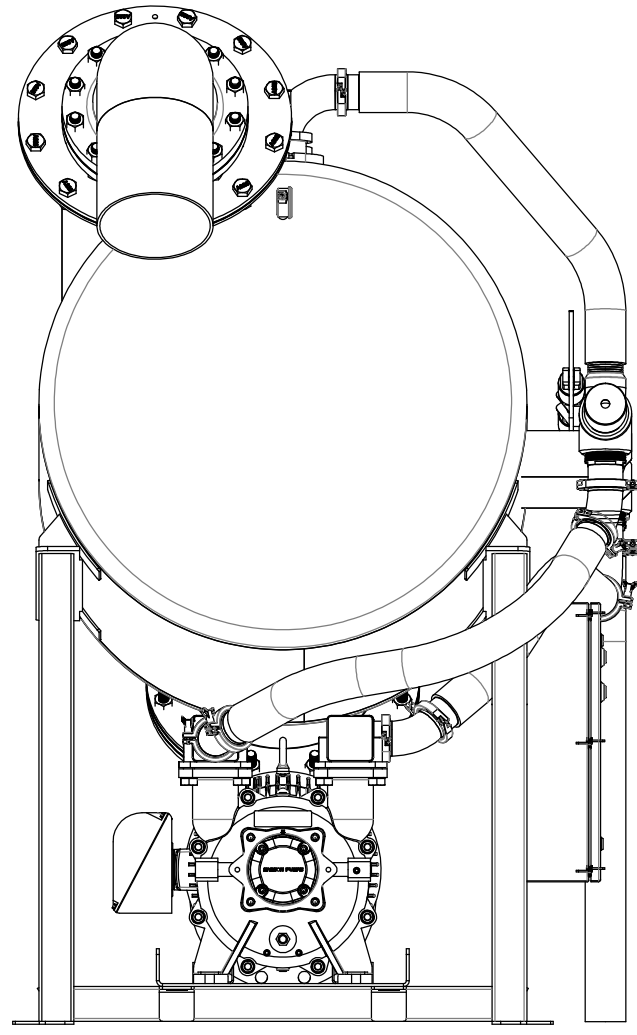
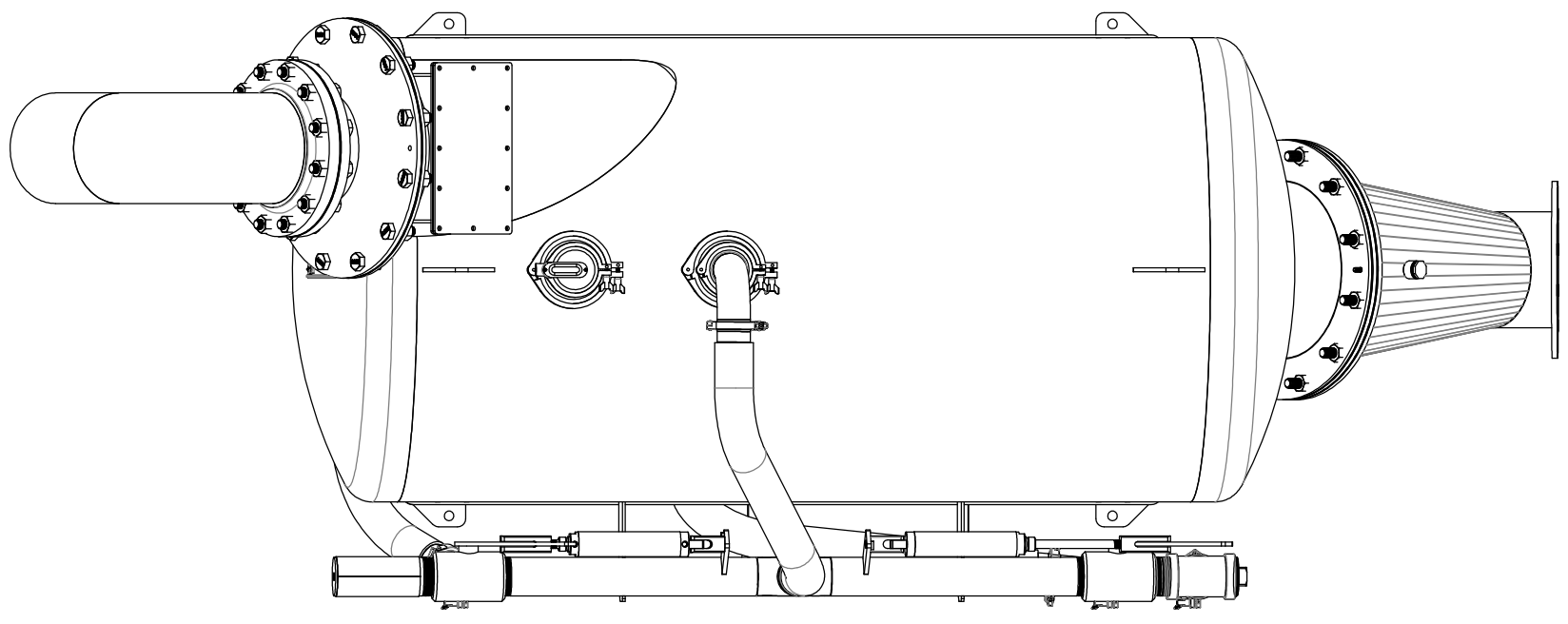
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TYPICAL PUMPING RATES


TANK	CF	CFM	HP	MT/HR
36x36	30	200	15	25
36x60	40	300	20	40
42x72	55	450	30	65
42x72	55	550	40	75
48x84	105	450	30	80
48x84	105	550	40	90
48x84	105	1100	80	110

- NOTES ON PUMPING RATES:**
1. Pumping rates shown not universal between species, contact RYCO for specific requirements.
 2. With 10 valves.
 3. With suction 40' long, 12' high, discharge 40' long, 12' high.

- NOTES ON PUMP DRAWING:**
1. Typical pump shown with 42x72" shell and 10" valves.
 2. Contact factory for arrangement and installation dimensions with other tank and valve sizes and valve type.
 3. Contact factory for arrangement with conical discharge for larger fish.
 4. Pump power unit show "integral", mounted under tank.
 5. Pump can also be supplied with separately mounted power unit for ease of maintenance and flexibility.



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 SEATTLE, WASHINGTON, USA - RELIABILITY WORLDWIDE ALL DIMENSIONS IN INCHES UNLESS SPECIFIED		#977 WET PUMP, 42X72", Ø3" BALL VALVE/INTEGRATED CONFIGURATION ASSEMBLY		
		DWG. NO. D5468S003	SUFFIX:	
TOLERANCES X ±0.05 XX ±0.01 XXX ±0.005 ANGULAR → ±0.5	DESIGNED BY: KH DRAWN BY: KH CHECKED BY: BS	DATE: 3/19/2020 DATE: 12/3/2021	SHEET: 2 OF 37 SCALE: 1:17 PARENT DRAWING: D5468S003	CUSTOMER NAME: ORDER NO. POSITION NO.