



ITT

BRPROPAKRJ

Residential Water Systems

Red Jacket Water Products ProPak Kits

Kits include:

- CentriPro Three Phase Motor 1.5 – 5 HP, 230 V
- CentriPro Balanced Flow® Controller with Transducer
- Red Jacket Enduro Water End (pump)



 **RED JACKET®**
Water Products

Red Jacket Water Products is a brand of
ITT Corporation.

www.redjacketwaterproducts.com

Engineered for life

Red Jacket Water Products

ProPak Kits

ProPak Features:

- Simple, fast sizing and installation.
- Range curves and selection charts generated from actual R&D tests.
- Kits configured for 30 Hz minimum and 80 Hz maximum operation.
- Kits use mismatched water end and motor (see component chart).
- Wiring is as easy as standard three-wire control box:
 - L1, L2 and Ground in from power supply
 - Red, Yellow, Black and Ground out to motor
- Pressure is factory preset at 50 psi with simple, fast, field adjustability for higher pressures.
- Three phase output to motor reduces wire cost.
- **New** – Switch Input for connecting a pressure switch or float switch.
- **New** – Grounding provisions for transducer and transducer cable.

ProPak kits do not include pressure tanks, order tanks separately.

PROPAK PERFORMANCE RANGE AND COMPONENTS

MODEL	HP	Shut-Off Head (ft)	at Best Efficiency		at Max Runout		WE	Motor	Controller	
			Flow (GPM)	TDH (ft)	Flow (GPM)	TDH (ft)				
12RP1020	2	700	12	380	16	218	12S14	200C313	BF20	
20RP1020		450	20	262	27	115				20S8
12RP1530	3	900	12	485	16	280	12S18	300C313	BF30	
20RP1530		620	20	350	27	140				20S11
25RP1531		552	25	287	35	173				25S10
20RP3050	5	1040	20	540	27	200	20S19	500C313	BF50	
25RP3050		873	25	482	35	293				25S17

Order pressure tank separately, not included in kit

Balanced Flow Controller – NEW FEATURES:

New, more versatile user interface board

- Provides switch connection for optional pressure or level switch
- New current limit settings for all new CentriPro motors
- Dry well sensitivity switch
- Broken pipe protection
- 5 or 20 PSI pressure drop restart switch
- Transducer better protected from transient power surges

Transducer – NEW AND IMPROVED:

- Larger port orifice to prevent clogging
- Case to electronics surge protection
- All Stainless Steel construction
- Pressure surge capability without the use of a pressure snubber
- Case coupled noise immunity
- Reverse voltage protection
- Line to electronics ground surge protection on all lines
- Transducer cable has ground wire built-in
- Ground clamp provided for transducer to cable grounding



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