

Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.

Teel® Close-Coupled Centrifugal Pumps

Description

Teel industrial series close-coupled centrifugal pumps are precision-built for liquid transfer, recirculation, and other applications where no suction lift is required. Pumps are designed for use with nonabrasive, nonflammable liquids compatible with pump construction materials. Units are equipped with drip proof motor with shielded ball bearings, thermal protector on single phase models. Mechanical seal consists of carbon/stainless steel banded ceramic seats, stainless steel parts, and Buna-N parts. Type 303 stainless steel shafts are on all models. Discharge port can be rotated in 90° positions to accommodate various applications.

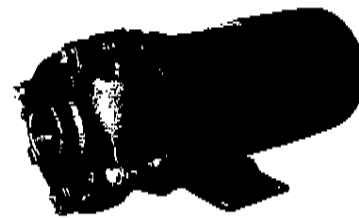


Figure 1

Specifications

Model	Motor HP	Motor Type	60Hz Volts	Dimensions (in inches)							Gallons of Water Per Minute Pump Head In Feet							Max. Head In Ft
				Inlet	Outlet	H	W	L	10	15	20	30	40	50	60	70	80	
4RH41, 4RH55, 4RH78	1/3	Split Phase	115	1	3/4	6 3/16	6 1/2	12	40.6	37	33.5	24.5	9.5	-	-	-	-	44
4RH43, 4RH57, 4RH80	1/2	Capacitor	115/230	1 1/4	1	6 7/8	6 1/2	12 3/8	55	50	44.5	33	10	-	-	-	-	42
4RH44, 4RH58, 4RH81	3/4	Capacitor	115/230	1 1/4	1	6 7/8	6 1/2	12 7/8	72	68	63	53	40.5	22	-	-	-	55
4RH47, 4RH61, 4RH84	1	Capacitor	115/230	1 1/2	1 1/4	6 7/8	6 1/2	13 3/4	108	104	98	86	71	47	-	-	-	58
4RH48, 4RH62, 4RH85	1 1/2	Capacitor	115/230	1 1/2	1 1/4	7 1/8	6 1/2	15	115	110	104	94	81	64	40	-	-	67
4RH45, 4RH59, 4RH82	3/4	3-Phase	230/460	1 1/4	1	6 7/8	6 1/2	12 3/8	72	68	63	53	40.5	22	-	-	-	55
4RH49, 4RH63, 4RH86	1 1/2	3-Phase	230/460	1 1/2	1 1/4	7 1/8	6 1/2	15	115	110	104	94	81	64	40	-	-	67
4RH51, 4RH65, 4RH88	2	3-Phase	230/460	1 1/2	1 1/4	7 3/16	7	14 3/16	123.5	117	110	95	80	74	60	34	-	80
4RH53, 4RH67, 4RH90	3	3-Phase	230/460	2	1 1/2	7 3/16	7 3/4	15 3/4	168	164	155	148	137	124	110	80	40	83
Pump Heads Only																		
4RH42, 4RH56, 4RH79	1/3	N/A	N/A	1	3/4	6 3/16	6 1/2	12	40.6	37	33.5	24.5	9.5	-	-	-	-	44
4RH46, 4RH60, 4RH83	3/4	N/A	N/A	1 1/4	1	6 7/8	6 1/2	12 7/8	72	68	63	53	40.5	22	-	-	-	55
4RH50, 4RH64, 4RH87	1 1/2	N/A	N/A	1 1/2	1 1/4	7 1/8	6 1/2	15	115	110	104	94	81	64	40	-	-	67
4RH52, 4RH66, 4RH89	2	N/A	N/A	1 1/2	1 1/4	7 3/16	7	14 3/16	123.5	117	110	95	80	74	60	34	-	80
4RH54, 4RH68, 4RH91	3	N/A	N/A	2	1 1/2	7 3/16	7 3/4	15 3/4	168	164	155	148	137	124	110	80	40	83

(*) Shut; to convert to psi, divide by 2.31.

(†) Models 4RH41 thru 4RH48, 4RH55 thru 4RH85 have automatic thermal protection.

General Safety Information

1. Know the pump application, limitations and potential hazards.

WARNING Do not use to pump flammable or explosive fluids such as gasoline, fuel oils, kerosene, etc. Do not use in flammable and/or explosive

atmospheres. Pumps should only be used with liquids compatible with pump component materials. Failure to follow this warning can result in personal injury and/or property damage.

2. Make certain that the power source (electric motor or gas engine)

conforms to the requirements of equipment.

3. When wiring an electrically driven pump, follow all electrical and safety codes, as well as the most recent National Electrical Code (NEC) and