



Randolph Austin Company
 P.O. Box 988
 Manchaca, Texas 78652
 Toll Free: 1.800.531.5263
 Phone: 512.282.1590
 Fax: 512.280.0678
 Web: www.randolphaustin.com

700 SERIES Assemblies

Max Flow Rate: 7.8 GPM (29.5 LPM)

750-PHO: Pump Head Only

The 750-PHO is machined from an aluminum casting and has a stainless steel plate and shaft as well as a stainless sleeved roller assembly. The pump is rugged, reliable, and easy-to-use.

750-100: Standard Fixed-Speed Pump

The 750-100 is a belt-driven pump assembly. The pump comes mounted on a steel base with a 1/3 HP, O.D.P. motor with a belt & sheave to reduce the speed to the pump head. The 750-100 is an excellent choice for fluid transfer applications.

750-101: Zero-Max™ Speed Control Pump

The 750-101 is a direct drive unit with a manual speed control providing a speed regulation from 0-400 RPM. This assembly comes with a pump head, Zero-Max speed control, and a 1/2 HP, O.D.P. motor mounted on a steel base. The 750-101 provides a cost-effective substitute for AC or DC speed controls and is used for metering, printing, and fluid transfer.

750-200: Explosion-Proof Fixed Speed Pump

The 750-200 is a belt-driven unit with a 1/2 HP, Class I, Group D, gasoline vapor atmosphere explosion-proof motor. The pump and motor are mounted on a steel base and connected through a belt & sheave which runs at a constant speed. The 750-200 is an excellent choice for applications where explosive vapors are present.

750-201: Explosion-Proof Speed Control Pump

The 750-201 is a direct drive unit with a manual speed control providing a speed regulation from 0-400 RPM. This assembly comes with a pump head, Zero-Max speed control, and a 1/2 HP, Class I, Group D, gasoline vapor atmosphere explosion-proof motor mounted on a steel base. The 750-201 provides a cost-effective substitute for AC or DC speed controls and is used for metering, printing, and fluid transfer.

750-342: Vari-Flow™ DC Speed Control Pumps

The 750-342 is a DC speed control model. The pump is mounted on a steel base and coupled to a 1/4 HP, geared, IPC-44, 130 VDC, PM motor. The unit comes with a speed control in a Nema IV enclosure. The controls accept a 4-20 MA or 0-10 VDC signal and have forward/brake/reverse capability.

750-362: Vari-Flow™ DC Speed Control Pumps

The 750-362 is a DC speed control model. The pump is mounted on a steel base and coupled to a 1/2 HP, 90 VDC, TEFC, 56C face motor which is flange mounted to a gear reducer. Each unit comes with a speed control in a Nema IV enclosure. The controls accept a 4-20 MA or 0-10 VDC signal and have forward/brake/reverse capability.

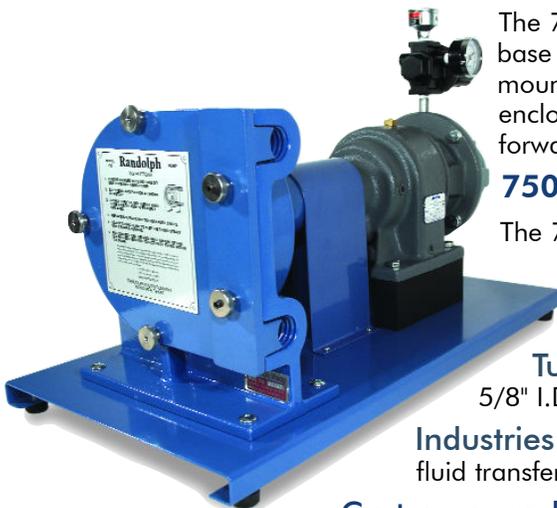
750-455: Air Drive Pump

The 750-455 is an assembly consisting of a pump and 1/2 HP air motor and gear reducer mounted on a steel base. The air motor is intended for safe use in applications where there may be explosive vapors or powders present.

Tubing Sizes: The 750-PHO use two interchangeable sizes of tubing: 5/8" I.D. x 15/16" O.D. or 3/4" I.D. x 1 1/16" O.D.

Industries: Paper & pulp, laboratory, sampling, bilge, food, slurry, ink, and fluid transfer.

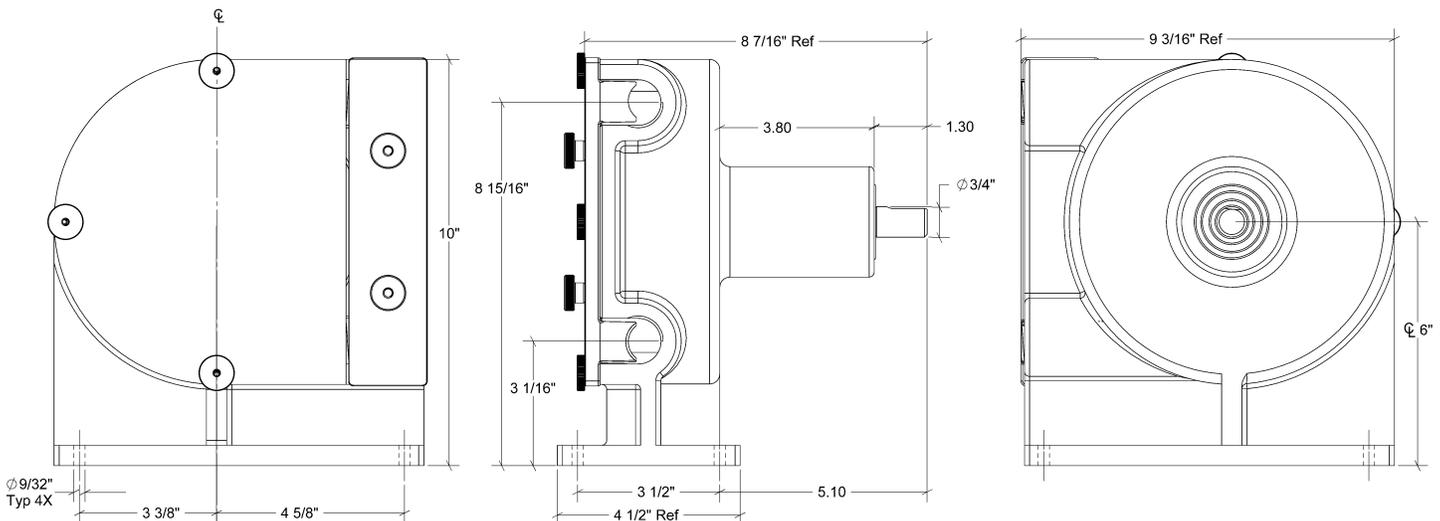
Custom assemblies are available upon request. For a quotation please contact our sales office.



700 SERIES Specifications

Catalog Part #	Description	Motor	Power	RPM	Wt	L x W x H
750-PHO	Pump Head Only	—	—	—	20 lbs	—
750-100	Belt Drive, Standard Assembly	1/3 HP, 1725 RPM, O.D.P	115/230 VAC, 1 PH, 60 HZ	430	65 lbs	21" x 11" x 11 1/4"
750-101	Speed Reducer, Mechanical	1/2 HP, 1725 RPM, Capacitor Start, O.D.P	115/230 VAC, 1 PH, 60 HZ	0-400	120	30" x 14" x 12 5/8"
750-200	Belt Drive, Explosion-Proof	1/3 HP, Class I, Group D, gasoline vapor atmosphere	115/208-232 VAC, 1 PH, 50/60 HZ	430	85 lbs	24 1/2" x 14" x 11 1/4"
750-201	Speed Reducer, Mechanical, Explosion-Proof	1/2 HP, Class I, Group D, gasoline vapor atmosphere	115/208-232 VAC, 1 PH, 50/60 HZ	0-400	145 lbs	30" x 14" x 12 5/8"
750-342	DC Speed Control Assembly	1/4 HP, 130 VDC, PM, IPC-44	115/230 VAC, 1 PH, 50/60 HZ	4-165	67 lbs	21" x 17" x 11 1/4"
750-362	DC Speed Control Assembly	1/2 HP, 90/180 VDC, PM TEFC	115/230 VAC, 1 PH, 50/60 HZ	12-500	75 lbs	31 1/2" x 16 3/4" x 13"
750-455	Air Motor	1 1/2 HP, 56C, 4 Vane, Reversible Air Motor	90 PSIG, 30 CFM	20-500	40 lbs	24" x 12 1/2" x 12"

700 SERIES CAD Drawing



* Zero-Max is a Trademark of Zero-Max Inc.

** Vari-Flow is a Trademark of Randolph Austin Company

