TRANSFER PUMP UNITS

Transfer pumps/motors consist of an electric motor and Webster fuel unit. Each Webster fuel unit has been designed for a variety of needs from fuel supply to fuel transfer With capacities ranging from 9 to 150 gph at 100 psi,Webster transfer units are capable of satisfying virtually every system supply or transfer need.

SPECIFICATIONS

35223 Series, 35202 Series, 49116 Series

Capacities:
35223 Series—80 to 155 gph at 100 psi.
35202 Series—9 to 65 gph at 100 psi.
49116 Series—31 to 66 gph at 100 psi.

Maximum Working Pressure:
35223 Series—80 to 200 psi.
35202 Series 100 to 300 psi.
49116 Series—100 psi

Motors:
All motors 60 cycle, 1750 rpm, continuous duty 115 volt.
1/6 and 1/4 hp are split phase.
1/2hp is capacitor start—induction run,TEFC with dual 115/230 volt windings.

Fuel Units (Close Coupled to Motor):

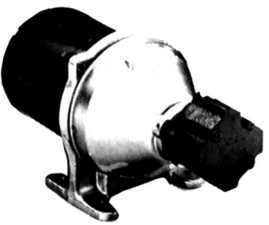
35223 Series uses Websters' B Series Fuel Oil Transfer Units.
35202 Series uses Websters' V Series or R Series Fuel Units.

49116 Series uses Websters' 1R00 Series Fuel Transfer Units.

Mounting:
Four bolt foot mount.

Maximum Inlet Vacuum:
10" Hg vacuum.

Use of external filter recommended.



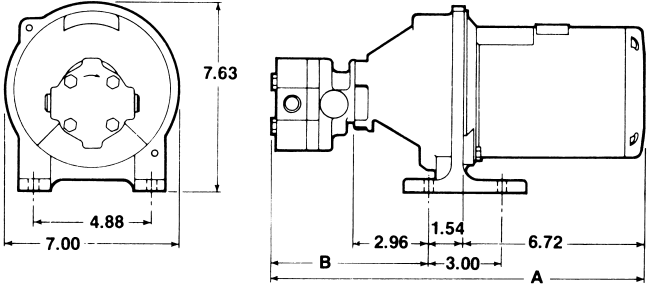
35223 SERIES TRANSFER UNITS

The 35223 Series Pump/Motor Unit consists of a Webster B Series fuel oil transfer pump close coupled to a 1/4 hp electric motor. This unit is designed for transfer of fuel oils #6 or lighter at maximum working pressures up to 200 PSI depending on motor hp.

SELECTION TABLE

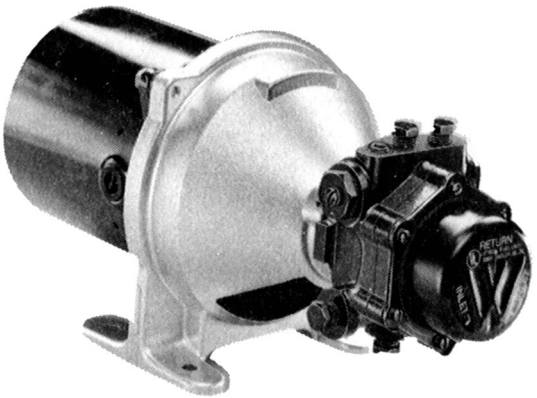
35223 Series Pump/Motor Units

Models	Motor Voltage	Motor ho	Pump Model	Maximum Working Pressure	Maximum Outlet Flow at 100psi	Dim. A (max.)	Dim. B
35223-1	115	1/4	18B	200 psi	80 gph	16.04	6.32
35223-3	115	1/4	37B	100 psi	155 gph	16.39	6.67



35202 SERIES TRANSFER UNITS

35202 Series Pump/Motor Units consist of a Webster R Series or V Series fuel unit with integral pressure valve, close coupled to a motor. This series is available with 1/6, 1/4 cr 1/2 hp electric motors with a pumping capacity to 65 gph at 100 psi.



SELECTION TABLE

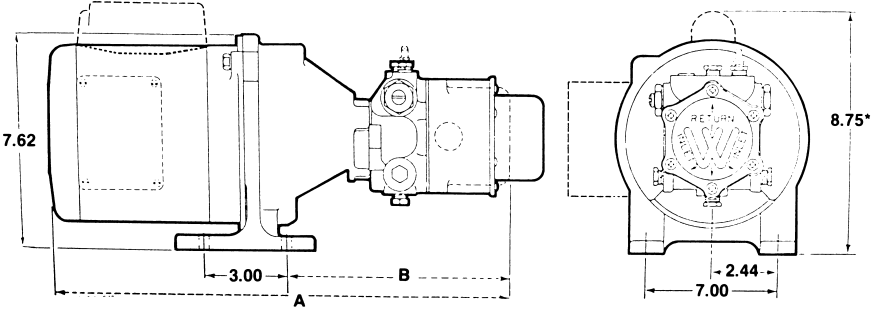
Models	Motor Voltage	Motor Type No.	Motor hp	Fuel unit Type No.	Maximum Working Pressure psi	Pump Blocked Nozzle Watts	gph at 100 psi	gph at Maximum Working Pressure	Suction Capacity gph
35202	115	34499-3	1/4	2R223C-5BQ14	300	210	30	23	70
35202-2	115	34499-1	1/6	2R111C-5BQ3	150	75	12	10	35
35202-9	Less motor, includes accessories			2R213C-5BQ14	150	130	30	29	70
35202-10	Less motor, includes accessories			2R616C-5BQ14	150	245	65	60	125
35202-27	115	34499-1	1/6	1R162C-4BQ6	125	70	9	7	30
35202-29	115/230 dual	34499-6	1/2	2R626C-5BQ14	300	410	65	50	125
35202-35	115/230 dual	34499-6	1/2	V022C-4D020	300	270	40	20	50
35202-38	115	34499-8	1/3	V002C-4EJ	100	175	65	65	65

Above Capacity in gph at 1725 rpm pumping #2 fuel oil at 75°F.
NOTE: 35202-38 ratings are for 1000 SSU fuel.

Dimensions

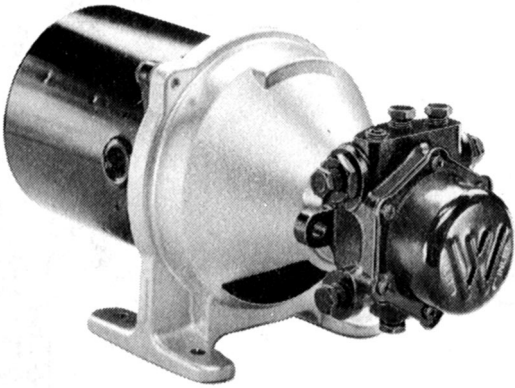
Model	A	B	Outlet Port
35202	15.61	7.39	1/4-18 NPTF
35202-9**			1/4-18 NPTF
35202-2	14.09	6.89	1/8-27 NPTF
35202-27	13.47	7.39	1/8-27 NPTF
35202-29	19.47	8.94	1/4-18 NPTF
35202-10**			
35202-35	18.69	8.16	1/4-18 NPTF

**Dimensions same as 35202-29



49116 SERIES TRANSFER UNITS

49116 Series Pump/Motor Units consist of a Webster 1 R00 Series Fuel Transfer Unit close coupled to a 1/4 hp electric motor. This unit requires the use of an external pressure regulating valve. The 49116 Series is capable of up to 66 gph at 100 psi.



SELECTION TABLE

Models	Replaces Discount Model	Pump Type No.	Suction Capacity gph ①	Delivery gph 100 psi ①
49116	35223-19 35223-21	1R003C-4EH	48	31
49116-1	35223-23 35223-25	1R004C-4EH	66	43
49116-2	—	1R006C-4EH	95	66

① Capacity in gph at 1725 rpm pumping #2 fuel oil at 75°F

For typical installation suggestions, please refer to the SPM Supply Pump/Motor section.

NOTE: The installation drawings contained in this service guide are intended for reference use only. Consult your local heating contractor for specific installation recommendations and designs which comply with the state and local codes in your area.

Dimensions

Model	A	B
49116	14.44	4.72
49116-1	15.06	5.34
49116-2	15.06	5.34