

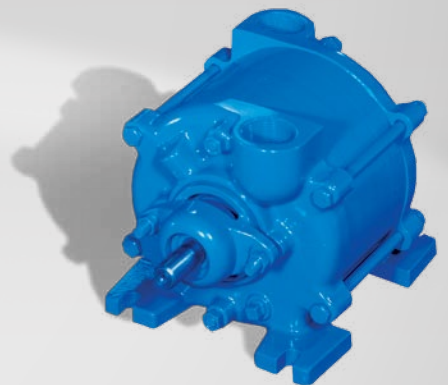
TYPE

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HT

CONDENSATION RETURN UNIT








**photo
coming
soon**



Turbine condensate return units, 1/4 to 10 hp, 14 to 63 gallon steel receivers.

Built with Type M turbine pumps.

HIGHLIGHTS

-  For Heating Systems
-  For Industrial Process Systems
-  Medium and High Pressure Operations
-  Turbine Type Pumps
-  1750 rpm Motors
-  Factory Assembled
-  Controls Mounted and Factory Wired

FEATURES

RECEIVER: Heavy welded steel, with gauge glass and support leg mounted on steel base.

PUMPS: Double suction, peripheral, regenerative, turbine type pumps, bronze fitted, with double outboard ball bearings and stainless steel shaft. All pumps are constructed with leakless mechanical shaft seals.

MOTORS: Nationally recognized manufacture, operating at 1750 rpm, in standard NEMA frame sizes.

FLOAT CONTROL: Enclosed automatic float switch with adjustable float travel and copper float furnished for each motor. On duplex units, an alternating float switch assembly may be substituted for the two standard float switches. This alternating float switch automatically alternates the cycle of operation of the two pumps and provides for simultaneous operation of both pumps when required by the condensate in-flow.

STARTERS: Single phase motors, 3/4 hp and smaller, have built-in thermal overload protective devices. Single phase motors, 1 hp and above, and all 3 phase motors, are furnished with magnetic starters which are mounted and wired at the factory, providing overload and undervoltage protection for the motors.

SINGLE UNIT: Consists of receiver, gauge glass, one pump and motor unit (plus magnetic starter if required); all mounted on integral base with pump suction piping complete, including strainer in pump suction line.

DUPLEX UNIT: Consists of receiver, gauge glass, two pump and motor units (plus magnetic starters if required); all mounted on integral base with pump suction piping complete, including strainer in each pump suction line.

Selection Table

Unit No.	Capacity Sq. Ft. EDR	Pump Disch. Press PSIG	Pump Capacity GPM	Motor H.P. 1750 RPM	Receiving Tank Capacity Gal.	Pump Disch. Size	Unit No.	Capacity Sq. Ft. EDR	Pump Disch. Press PSIG	Pump Capacity GPM	Motor H.P. 1750 RPM	Receiving Tank Capacity Gal.	Pump Disch. Size
HT-220-4	2,000	20	3	0.25	14	1.25	HT-1560-4	15,000	60	22.5	2	26	1.25
HT-230-4		30		0.25			HT-1575-4		75		3		
HT-240-4		40		0.25			HT-15100-4		100		3		
HT-250-4		50		0.33			HT-2020-4	20,000	20	30	26	1	2
HT-260-4		60		0.5			HT-2030-4		30			1.5	
HT-275-4		75		0.75			HT-2040-4		40			1.5	
HT-2100-4		100		0.75			HT-2050-4		50			3	
HT-420-4	4,000	20	6	0.25	14	1.25	HT-2060-4		60			3	
HT-430-4		30		0.25			HT-2075-4		75			3	
HT-440-4		40		0.5			HT-20100-4		100			5	
HT-450-4		50		0.5			HT-2520-4	20	37.5	33	1	2	
HT-460-4		60		0.75			HT-2530-4	30			1.5	2	
HT-475-4		75		0.75			HT-2540-4	40			3	2	
HT-4100-4		100		1			HT-2550-4	50			3	2	
HT-620-4	6,000	20	9	0.33	14	1.25	HT-2560-4	60			3	2	
HT-630-4		30		0.33			HT-2575-4	75			5	2	
HT-640-4		40		0.5			HT-25100-4	100			5	2	
HT-650-4		50		0.75			HT-3020-4	20	45	33	1.5	2	
HT-660-4		60		1			HT-3030-4	30			2	2	
HT-675-4		75		1			HT-3040-4	40			3	2	
HT-6100-4		100		1.5			HT-3050-4	50			3	2	
HT-820-4	8,000	20	12	0.33	14	1.25	HT-3060-4	60			5	2	
HT-830-4		30		0.33			HT-3075-4	75			5	2	
HT-840-4		40		0.75			HT-30100-4	100			5	2	
HT-850-4		50		1			HT-4020-4	20	60	45	2	2	
HT-860-4		60		1.5			HT-4030-4	30			3	2	
HT-875-4		75		1.5			HT-4040-4	40			3	2	
HT-8100-4		100		2			HT-4050-4	50			3	2	
HT-1020-4	10,000	20	15	0.33	14	1.25	HT-4060-4	60			5	2	
HT-1030-4		30		0.5			HT-4075-4	75			5	2	
HT-1040-4		40		0.75			HT-40100-4	100			10	2	
HT-1050-4		50		1.5			HT-5020-4	20	75	63	3	2	
HT-1060-4		60		1.5			HT-5030-4	30			3	2	
HT-1075-4		75		1.5			HT-5040-4	40			3	2	
HT-10100-4		100		2			HT-5050-4	50			5	2	
HT-1520-4	15,000	20	22.5	0.33	26	1.25	HT-5060-4	60			5	2	
HT-1530-4		30		1			HT-5075-4	75			7.5	2	
HT-1540-4		40		1.5			HT-50100-4	100			10	2	
HT-1550-4		50		1.5									

INLET SIZES:

2 inch receiving tank return inlet connection is standard on 14 and 26 gallon receiving tanks.
3 inch receiving tank return inlet connection is standard on 33, 45 and 63 gallon receiving tanks.



ADDRESS: 1144 Utica Avenue, Brooklyn, NY 11203 TEL: (718) 451-2000 URL: federalpumps.com