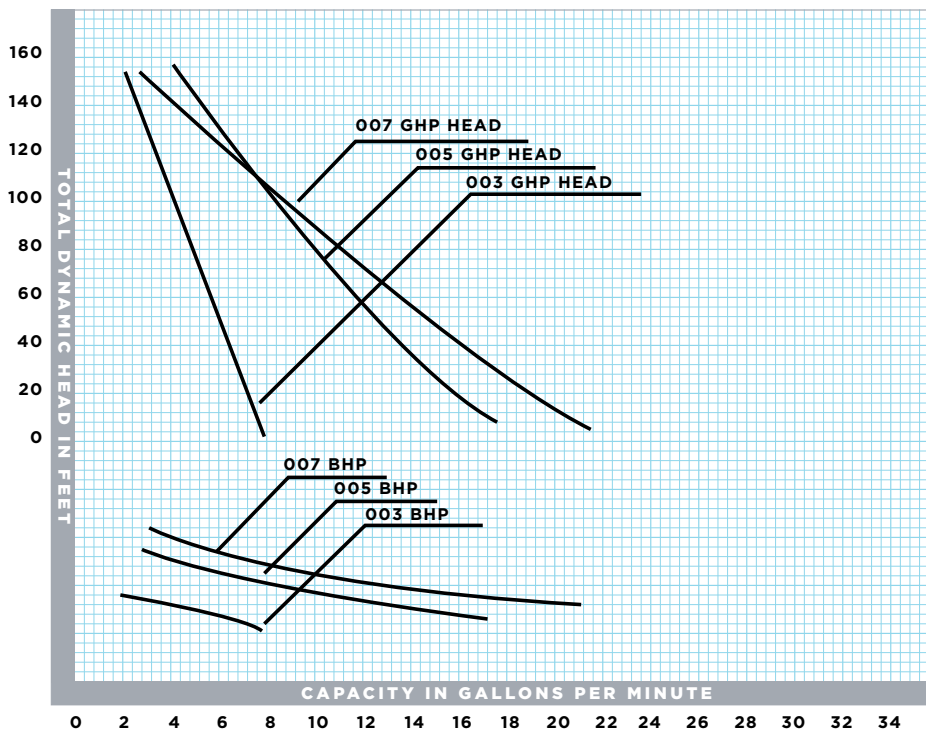


Performance Chart


TYPE VTC
 CONDENSATE RETURN UNITS
 BULLETIN 105

Section 1
 Curve Page VTC-1
 June, 1984

1750 RPM
MODEL: VTC
DISCHARGE SIZE: 1"
IMPELLER:
 VTC-2-007
 VTC-2-005
 VTC-2-003



Supplemental # 0210

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

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Performance Chart

PERFORMANCE								
UNIT NO.	MAX. SQ. FT. DIRECT RADIATION	EQUIV. BOILER H.P.	RADIATION WILL CONDENSE G.P.M.	PUMP CAPACITY G.P.M.	DISCH. PRESS. AT PUMP PSI	MOTOR H.P. 3450 R.P.M.	RECEIVER GAL. SINGLE	RECEIVER GAL. DUPLEX
VTC-110-4	1000	7.2	0.5	1.5	10	0.25	10	15
VTC-120-4	1000	7.2	0.5	1.5	20	0.25	10	15
VTC-130-4	1000	7.2	0.5	1.5	30	0.25	10	15
VTC-140-4	1000	7.2	0.5	1.5	40	0.33	10	15
VTC-150-4	1000	7.2	0.5	1.5	50	0.33	10	15
VTC-210-4	2000	14.5	1	3	10	0.25	10	15
VTC-220-4	2000	14.5	1	3	20	0.25	10	15
VTC-230-4	2000	14.5	1	3	30	0.25	10	15
VTC-240-4	2000	14.5	1	3	40	0.33	10	15
VTC-250-4	2000	14.5	1	3	50	0.33	10	15
VTC-410-4	4000	29	2	6	10	0.25	10	15
VTC-420-4	4000	29	2	6	20	0.25	10	15
VTC-430-4	4000	29	2	6	30	0.33	10	15
VTC-440-4	4000	29	2	6	40	0.5	10	15
VTC-450-4	4000	29	2	6	50	0.75	10	15
VTC-610-4	6000	43	3	9	10	0.25	10	15
VTC-620-4	6000	43	3	9	20	0.33	10	15
VTC-630-4	6000	43	3	9	30	0.5	10	15
VTC-640-4	6000	43	3	9	40	0.75	10	15
VTC-650-4	6000	43	3	9	50	0.75	10	15
VTC-810-4	8000	58	4	12	10	0.25	15	15
VTC-820-4	8000	58	4	12	20	0.33	15	15
VTC-830-4	8000	58	4	12	30	0.5	15	15
VTC-840-4	8000	58	4	12	40	0.75	15	15
VTC-1010-4	10000	72	5	15	10	0.33	15	15
VTC-1020-4	10000	72	5	15	20	0.5	15	15
VTC-1030-4	10000	72	5	15	30	0.75	15	15
VTC-1040-4	10000	72	5	15	40	0.75	15	15



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Parts List & Diagram

PARTS LIST			
NUMBER	NAME	REQUIRED	MATERIAL
2	IMPELLER	1*	BRONZE
6	IMPELLER KEY	1*	STEEL
22	LOCK SCREW	2*	ST. ST.
22A	CAP SCREW	-	STEEL
23	FLINGER	1	RUBBER
33	SHAFT	1*	ST. ST.
40	COUPLING	1*	STEEL
44	MOTOR PEDESTAL	1	CAST IRON
46A	SET SCREW (MTR. END)	2*	STEEL
46B	SET SCREW (PUMP END)	3*	STEEL
49	SHAFT SEAL	1*	VARIOUS
55	SPRING WASHER	1*	STEEL
56	LEG	1	CAST IRON
59	LOWER BEARING	1*	BRONZE
60	SUCTION STRAINER	1	COPPER
61	THRUST WASHER	1*	STEEL
67	SET SCREW	1*	STEEL
71A	FLOAT SWITCH	1	VARIOUS
72	FLOAT ROD & STOPS	SET*	ST. ST.
73B	FLOAT SWITCH PED-ESTAL	1	CAST IRON
74A	STUF'G BOX & GUIDE PIPE	SET	VARIOUS
75	FLOAT	1*	ST. ST.
76	RECEIVER	1	C.I. OR ST.
77	GASKET	2*	RUBBER
78	SNAP RING	2*	STEEL
103	COVER	1	CAST IRON
110	MOTOR	1	VARIOUS
151	UPPER LINER	1*	BRONZE
152	LOWER LINER	1*	BRONZE
153	BOTTOM COVER	1	CAST IRON
161	RIVET	1*	STEEL

* Recommended spare parts to be carried in stock.

