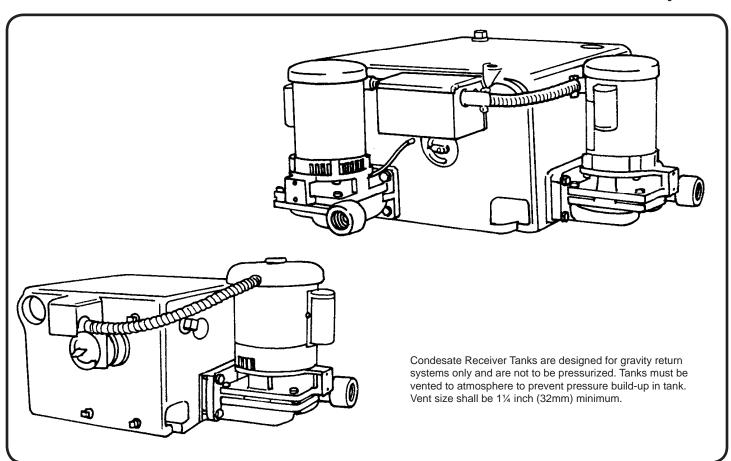


Condensate Return Systems



PUMPS

Vertically flange-mounted centrifugal pumps are of bronze fitted construction with mechanical shaft seal for temperatures to 225°F (107°C).

Seal area is automatically vented and flushed. Back pull-out design allows servicing without disturbing piping.

Bronze impellers are precision balanced for smooth, quiet operation.

Efficient hydraulic design for non-overloading performance at all ratings shown.

RECEIVER TANKS

Rugged cast iron receivers for lifetime service under the most sever conditions. Low return inlet. Available in 9, 14, 20 and 36 gallon (34, 53, 87, and 136 Liters) sizes.

Optional steel receiver available

EVERY pump is factory tested.

MOTORS

Drip-proof NEMA standard motors have dual ball bearings and threaded stainless steel shaft. All single phase motors have built-in overload protection. All three phase motors must be installed with a magnetic starter which provides full overload protection. Failure to use correct starter and overload protectors will void warranty.

Single phase motors thru 2 HP are 115/230 Volt, 60 Hz. 3 HP is 230 Volt only.

Three phase motors are 230/460 Volt, 60 Hz.

CONTROLS

Simplex systems are equipped with a heavy duty adjustable float switch with stainless steel float and rod.

Duplex systems are equipped with a mechanical alternator.

CRANE

A Crane Co. Company

PUMPS & SYSTEMS

SECTION 2F PAGE 1 DATE 1/06 Series: GV

Cast Iron

Performance and Selection



Condensate Return Systems

Max. EDR Sq. Ft.	Equiv. Boiler H.P.	Max. GPM (Liters) Req'd	Discharge Pressure PSIG (kpa)	Simplex Catalog No.	Duplex Catalog No.	Motor H.P.	Pump Discharge Size (NPT)	RECEIVER	
								Size Gals. (Liters)	Inlet Size (NPT)
6,000	40	9 (34)	10 (69)	3GV6-9	3GV6-14D	1/3	11/4"	9 (34) Simplex 14 (53) Duplex	2"
			20 (138)	5GV6-9	5GV6-14D	1/2			
			30 (207)	10GV6-9	10GV6-14D	1			
			40 (276)	20GV6-9	20GV6-14D	2			
			50 (345)	30GV6-9	30GV6-14D	3			
10,000	70	15 (57)	10 (69)	3GV6-14	3GV6-14D	1/3	11/4"	14 (53)	2"
			20 (138)	5GV6-14	5GV6-14D	1/2			
			30 (207)	10GV6-14	10GV6-14D	1			
			40 (276)	20GV6-14	20GV6-14D	2			
			50 (345)	30GV6-14	30GV6-14D	3			
15,000	100	22½ (85.2)	10 (69)	3GV6-20	3GV6-20D	1/3	1½"	20 (76)	2"
			20 (138)	7GV6-20	7GV6-20D	1/2			
			30 (207)	10GV6-20	10GV6-20D	1			
			40 (276)	20GV6-20	20GV6-20D	2			
			50 (345)	30GV6-20	30GV6-20D	3			
20,000	140	30 (114)	10 (69)	3GV6-36	3GV6-36D	1/3	1½"	36 (136)	3"
			20 (138)	5GV6-36	5GV6-36D	3/4			
			30 (207)	10GV6-36	10GV6-36D	1			
			40 (276)	20GV6-36	20GV6-36D	2			
			50 (345)	30GV6-36	30GV6-36D	3			
30,000	215	45 (170)	10 (69)	3GV6-36	3GV6-36D	1/3	11/4"	36 (136)	3"
			20 (138)	7GV6-36	7GV6-36D	3/4			
			30 (207)	15GV6-36	15GV6-36D	1½			
			40 (276)	20GV6-36	20GV6-36D	2			
			50 (345)	30GV6-36	30GV6-36D	3			
40,000	285	60 (227)	10 (69)	7GV6-36	7GV6-36D	3/4	11/4"	36 (136)	3"
			20 (138)	10GV6-36	10GV6-36D	1			
			30 (207)	20GV6-36	20GV6-36D	2			
			40 (276)	30GV6-36	30GV6-36D	3			
50,000	360	75 (284	10 (69)	15GV6-36	15GV6-36D	1½	11/4"	36 (136)	3"
			20 (138)	20GV6-36	20GV6-36D	2			
			30 (207)	30GV6-36	30GV6-36D	3			
			40 (276)	30GV6-36	30GV6-36D	3			

All selections are based on pump capacities of 1.5 gpm per 1000 sq. ft. of Equivalent Direct Radiation (EDR).

Catalog Numbers shown are for units with single phase motors.

For three phase, add prefix "3" to Catalog No. Example: 35GV6-9

For Steel Receiver, add suffix "-SR" to Catalog No., Example: 10GV6-36-SR

23, 36, 75, 120 gallon (87, 136, 284, 454 Liters) Steel Receivers Available, Consult Factory for Pricing and Dimensions.

SECTION 2F PAGE 2 DATE 1/06

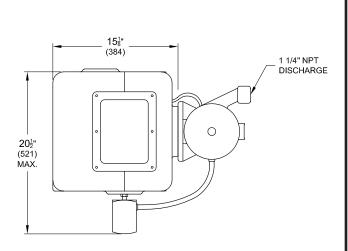


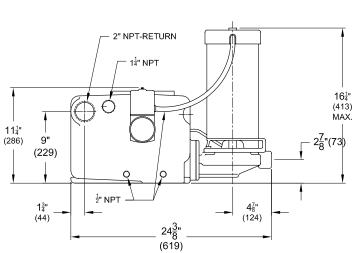


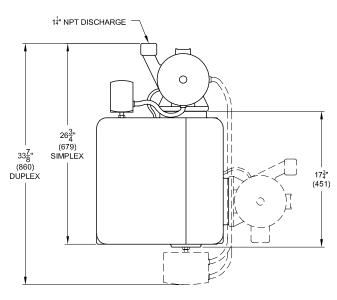
9 Gallon System

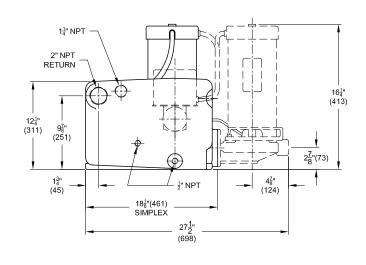
Condensate Return Systems

14 Gallon System









DIMENSIONS FOR STEEL RECEIVERS AVAILABLE ON REQUEST.



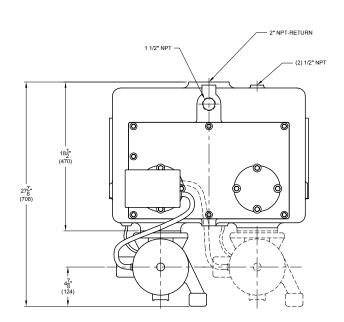
PUMPS & SYSTEMS

SECTION 2F PAGE 3 DATE 1/06 Cast Iron Dimensions



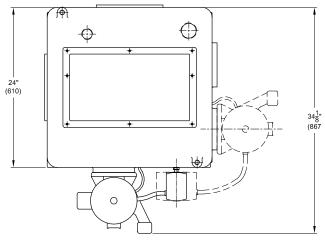
Condensate Return Systems

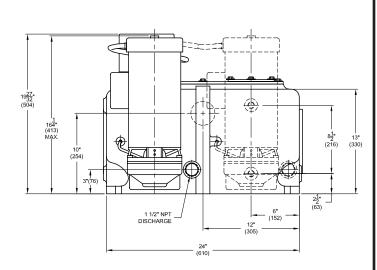
20 Gallon System

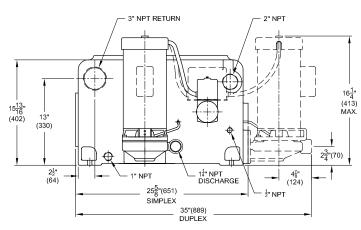




36 Gallon System







DIMENSIONS FOR STEEL RECEIVERS AVAILABLE ON REQUEST.

SECTION 2F PAGE 4 DATE 11/05

