

Brief Description

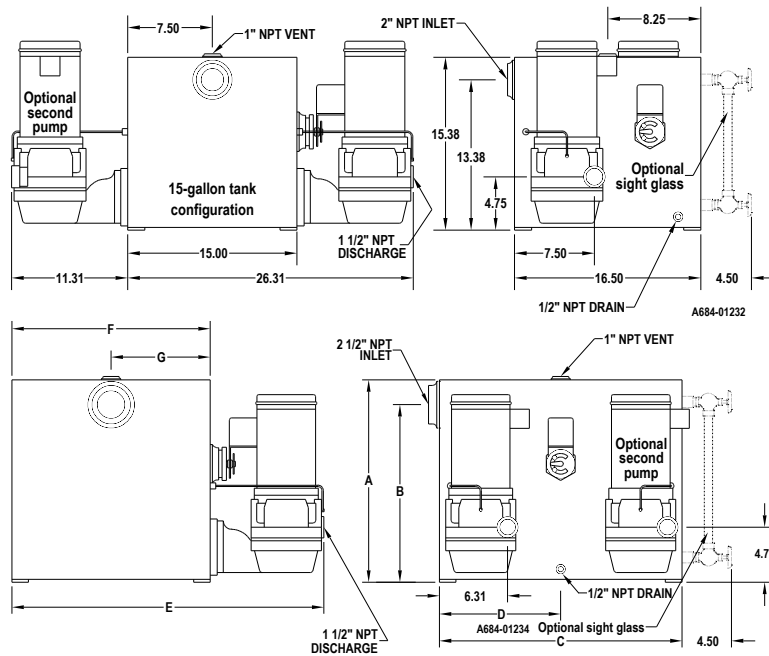
Application

All gravity return pump tank assemblies come standard with:

- Flow ratings from 3 to 90 gpm (11 to 340 lpm)
- Voltages from 115/1/60 to 575/3/60
- Automatic seal venting and flush
- Internal overload protection on single-phase motors
- Available in one- or two-pump configurations
- Brass inlet strainer through 3 hp (2.24 kW) protects pump from foreign materials
- Cast iron bronze-fitted pumps with ceramic seals rated for operation up to 250°F (121°C)
- Low-level pump protection provided by an adjustable float switch with stainless steel float and rod; includes double-break silver-to-silver contacts
- Permanently-lubricated pump motors through 3 hp (2.24 kW) with stainless steel shaft
- Heavy-duty 3/16" (5 mm) steel reservoirs available from 8 to 120 gallons (30 to 454 liters)
- Factory-assembled and tested prior to shipment
- 1 year warranty on parts and labor

Whatever your small pump tank needs, Colortronic has the solution. Whether your application is to recover cooling water from a trough, bearing, clutch, furnace, die casting line, or numerous other processes, Colortronic has a gravity return tank circulating system to meet your requirements.

Dimensions



Gallons *	Liters	A	B	C	D	E	F	G
30	113	18.38	16.12	22.00	11.00	29.31	18.00	9.00
45	170	26.38	24.12	22.00	11.00	29.31	18.00	9.00
60	227	28.38	26.12	28.00	14.00	29.31	18.00	9.00
95	359	28.38	26.12	28.00	14.00	39.31	28.00	14.00
120	454	36.38	33.75	28.00	14.00	39.31	28.00	14.00

Note: To convert inches to cm, multiply by 2.54.

* Second pump opening is supplied standard and blanked off. Additional blanked-off opening for 15- and 30-gallon tanks are available upon request.

Ordering Information

When ordering, the model number develops as follows:

GRT [volume-pump-voltage per code table]

Example: Model **GRT15-.50B-230S** has a 15-gallon (56-liter) tank with a 230-volt single phase 60-Hz .50B pump.

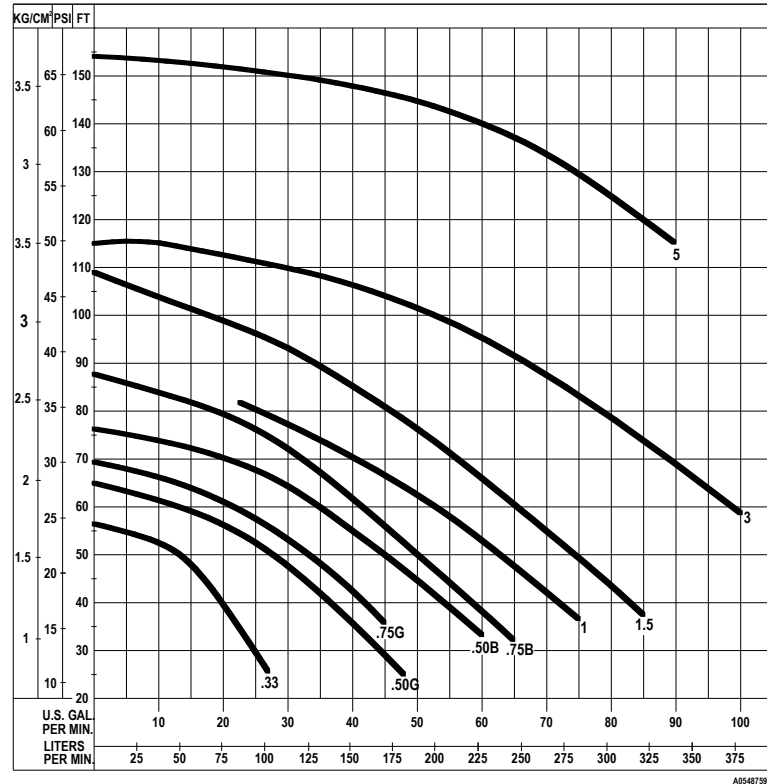
Specifications

Pump number	Pump power		Gravity return tank size in gallons (liters)					
	hp	kW	15 (56)	30 (114)	45 (170)	60 (227)	95 (360)	120 (454)
0.50B	1/2	0.37	✓	✓	✓	✓	✓	✓
0.75B	3/4	0.56	✓	✓	✓	✓	✓	✓
1B	1	0.75	✓	✓	✓	✓	✓	✓
1.5B	1 1/2	1.12	✓	✓	✓	✓	✓	✓
3B	3	2.24	✓	✓	✓	✓	✓	✓
5B	5	3.73	—	✓	✓	✓	✓	✓

Voltage Codes

Voltage	Code
115/1/60	115S
208/1/60	208S
230/1/60	123S
208/3/60	208T
230/3/60	230T
460/3/60	460T
575/3/60	575T

Pump Curves



Options

- Second Pump
- Single-phase manual starter (NEMA 1, shipped loose for field installation)
- Three-phase magnetic starter (NEMA 1, shipped loose for field installation)
- Hot-dipped galvanized tank
- Additional openings
- Armaflex insulation
- Sight glass
- Isolation valve
- Thermometer
- Pressure gauge
- NEMA 4 float switch
- X-proof float switch
- Discharge trim, including check valve, throttling valve, and fittings, shipped loose for field installation. (available in NPT standard only. Customer is responsible for conversion.)
- TEFC motor (1/2, 3/4, 1, 1-1/2,, and 3 HP models only.)
- X-proof motor (1/2, 3/4, 1, 1-1/2,, and 3 HP models only.)
- Tropical (1/3, 1/2, 3/4, 1, 1-1/2,, and 3 HP models only.)

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