



May 1, 2003



Bell & Gosset Specialties

Model#	Description	Code #
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Circulator Pump. Wet Rotor Model NRF-22. (Iron Body) & NBF-22 (Bronze Body)

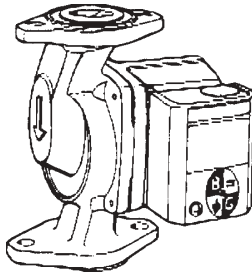
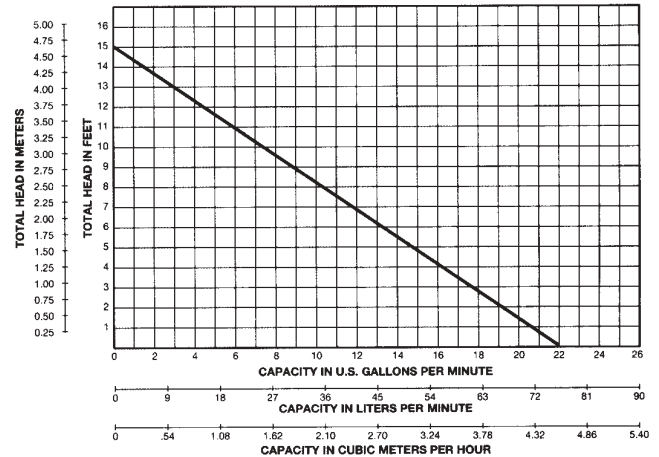
* A flanged in-line system lubricated circulating pump designed specifically for quiet operation in a closed hydronic heating system.

* Closed impeller design improves operating efficiency.

* **High starting torque for seasonal start-ups.**

* **Manufacturer 3-year warranty.**

Pump Performance Curve



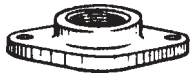
NRF-22

Maximum Working Pressure: 150 psi
Maximum Operating Temperature: 240 deg. F
Maximum Motor RPM: 2940

NRF-22 "Red Fox" IRON BODY PUMP less flanges	420-0300
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Flanges - Iron

101001	Flange IRON 3/4" pair	420-3400
101002	Flange IRON 1" pair	420-3420
101003	Flange IRON 1-1/4" pair	420-3440
101004	Flange IRON 1-1/2" pair	420-3460



NBF-22	"BRONZE FOX" less flanges	420-0310
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Flanges - Bronze

101011	Flange Bronze 3/4" pair	420-3660
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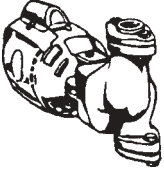

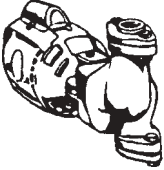


LR20-Little Red

Booster Pump. Compact Oil Lubricated Little Red. Long sleeve bearing to maintain shaft alignment. Precision ground hardened shaft provides large bearing surfaces for quiet, vibration-free long lasting service. Centrifugal impeller is inherently balanced and non-corrosive. If repairs are needed, the seal and impeller can be replaced in the field. Bronze faceplate. Extended 18 month limited warranty.

LR20	IRON BODY 1/20 HP less flanges	420-0400
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Model#	Description	Code #
Maximum Working Pressure: 125 psi Maximum Operating Temperature: 225 deg.F		
<u>Flanges - Iron for LR20 Pump</u>		
101001	Flange IRON 3/4" pair	420-3400
101002	Flange IRON 1" pair	420-3420
101003	Flange IRON 1-1/4" pair	420-3440
101004	Flange IRON 1-1/2" pair	420-3460
  <p><u>Booster Pump. 3 Part Oil Lubricated Series 100.</u> Both the motor and sleeve bearing frame are oil lubricated. Long bronze sleeve bearings maintain exact shaft alignment. Precision ground pump shaft, hardened integral thrust collar, mechanical seal is designed to withstand wide range of water temperatures, pressures, additives and dissolved solids. Centrifugal impeller prevents accumulation of air at seal faces to assure long life. Motor, bearing assembly, coupler, seal and impeller are all field replaceable. Extended 18 month limited warranty. 115 Volt with built-in overload protection.</p>		
100	IRON BODY PUMP 1/12 HP less flanges	420-0500
<u>Flanges - Iron</u>		
101001	Flange IRON 3/4" pair	420-3400
101002	Flange IRON 1" pair	420-3420
101003	Flange IRON 1-1/4" pair	420-3440
101004	Flange IRON 1-1/2" pair	420-3460
  <p><u>Series HV - High Velocity</u></p>		
HV-NFI	IRON BODY 1/6 HP less flanges	420-0560
<u>Handi-Valve</u>		
<p>Flanged ball valve for B&G Series 100 style pumps 600 PSI WOG Standard Port Brass Ball Valve Dual "O" Ring Stem Seal Polished Ball and Teflon Seat Saves Time Saves Money Easy Installation Consolidated Parts Fits all series 100,LR,NRF,PR,PL-30,36,55 and the following Series 60: 1AA, 1.25AA, & 1X5.25, 1.25X5.25 Style Flanged Circulators</p>		
ONBF-075	3/4" NPT pair	420-3300
ONBF-100	1" NPT pair	420-3305
ONBF-125	1-1/4" NPT pair	420-3310
ONBF-150	1-1/2" NPT pair	420-3315



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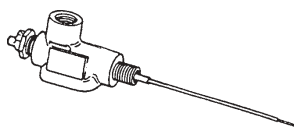
Model#	Description	Code #
<p><u>Flo-Control Valves</u> - for preventing gravity flow in forced hot water systems and to permit summer-winter operation of indirect water heaters. These valves can be installed in either horizontal or vertical pipe lines - giving wider latitude in meeting various piping problems.</p>		
<p>No need to break pipe connections for cleaning. Just unscrew the top cap - lift out valve mechanism - remove the foreign matter and replace the valve mechanism. Connections: 3/4" - to 1-1/2" - threaded, 2" - Flanged one end, threaded two ends.</p>		
<p>Working Pressure: 125 PSIG</p>		
<p>Maximum Operating Temperature: 300 deg.F</p>		
	<p>SA 3/4" SA 1" SA 1-1/4" SA 1-1/2" SA 2"</p>	<p>420-0900 420-0905 420-0910 420-0915 420-0920</p>
<p>Flo-Control Valve SA</p>		
<p><u>Auto-Vent Air Eliminator.</u> For continuous venting of hot water heating systems - ideal for convector, baseboard and radiant panel systems where a float-type unit is required. Small size, 3-3/16" x 1-1/2", permits installation in trouble spots previously neglected. 1/8" male connection permits installation in convector or baseboard units without nipples or other piping connections.</p>		
<p>Working Pressure - 35 PSIG</p>		
<p>Maximum Operating Temperature - 230 deg. F</p>		
	<p>67 Auto-Vent Air Eliminator</p>	<p>420-1020</p>
<p>Auto-Vent Air Eliminator 67</p>		
<p><u>Automatic Air Vent.</u> For automatically removing air from the piping of any type of hot water heating system.</p>		
<p>Working Pressure - 75 PSIG</p>		
<p>Maximum Operating Temperature - 240 deg. F</p>		
	<p>7 Automatic Air Vent</p>	<p>420-1120</p>
<p>Automatic Air Vent 7</p>		
<p><u>Reducing Valve.</u> Protects heating and plumbing systems against excessive line pressures. They are factory set at standard 12 PSIG. Equipped with built-in strainer and low inlet pressure check valve. Iron body construction.</p>		
<p>Maximum Flow: 5-1/2-6 GPM at 125 PSIG Inlet Pressure</p>		
<p>Maximum Operating Temperature: 225 deg F</p>		
<p>Maximum Working Pressure: 125 PSIG</p>		
	<p>B7-12 Pressure Reducing Valve 3/4" B-38 Pressure Reducing Valve 1/2</p>	<p>420-1320 420-1345</p>
<p>Reducing Valve</p>		



Model#	Description	Code #				
<p><u>Drain-O-Tank Air Charger.</u> Used for quick recharging of waterlogged compression tanks. Simple and effective. 125 PSIG working pressure. 240 deg. F maximum operating pressure.</p>						
DT-2	Drain-O-Tank 1/2" MIP connections	420-1650				
<p><u>ATF Airtrol Tank Fitting.</u> Helps confine air in the compression tank, reduces gravity circulation which, through lower lower tank temperature, reduces tank size and helps establish the correct initial air content in the tank when filling a system.</p>						
ATF-12	Airtrol Tank Ftg.	420-1750				
<p><u>Inline Air Separator.</u> Designed for systems when the boiler will not accept a dip tube. B&G Airtrol tank fittings must be used with the separators to complete the air control system. Airtrol tank fittings are not required when using the IAS In-Line Air Separator with diaphragm and expansion tanks. Construction - one piece cast iron. Maximum Operating Limitations: Working Pressure - 175 PSIG, Temperature - 300 deg.F.</p>						
IAS	<table border="0"> <tr> <td>Size inches NPT</td> <td>Max Flow GPM</td> </tr> <tr> <td>1-1/4"</td> <td>25</td> </tr> </table>	Size inches NPT	Max Flow GPM	1-1/4"	25	420-2010
Size inches NPT	Max Flow GPM					
1-1/4"	25					
<p><u>Red Ring Monoflo Fitting.</u> Makes possible the use of a single pipe to act as both a supply and return main. This fitting connects the risers to the main and assure proper diversion of water into each heating unit, whether radiator, convactor or baseboard, and regardless of its position in the system. For installation at the return riser, with the other riser connection being a common tee. Maximum Working Pressure: 150 PSIG Maximum Operating Pressure: 300 deg. F.</p>						
	Monoflo Copper Tee 3/4" x 1/2"	420-2200				



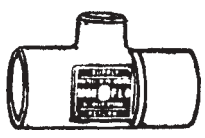
Drain-O-Tank Air Charger



Airtrol Tank Ftg.



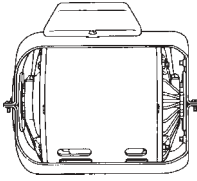
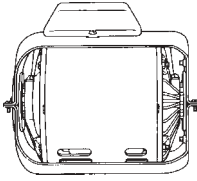


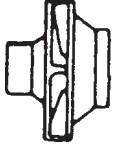
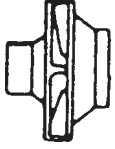
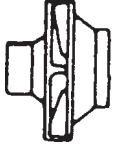


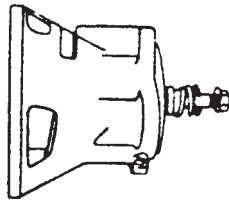
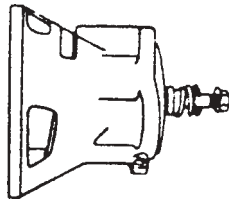
Inline Air Separator



Monoflo Copper Tee



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	Model#	Description	Code #
	111034	Motor 1/12 HP	420-3900
	111036	Motor 1/6 HP NEW (O/S-78)	420-3920
	111061	Motor 1/6 HP 79-NEW	420-3945
 <p>Motor</p>	118129	Flange Gasket 2-1/2" & 3" pair	420-4060
	118223	Mount Ring 1/12 HP	420-4120
 <p>Oil Wicking</p>	118228	Mount Ring 1/4 HP	420-4140
	118368	Flange Gasket 100 & pair	420-4280
	118373	Flange Gasket HV & 1-1/2" pair	420-4300
 <p>Oil Wicking</p>	118378	Flange Gasket 2" pair	420-4320
	118395	Oil Wick Standard Pump	420-4380
 <p>Impeller</p>	118431	Impeller 100 BR	420-4440
	118436	Impeller HV & 2" BR	420-4480
 <p>Impeller</p>	118473	Coupling PD35 & 37	420-4540
	186863	Bearing Assembly PD35 & 37	420-4620
 <p>Impeller</p>	118666	Impeller 1-1/2"	420-4860
	118668	Impeller HV & 1-1/2" & 2"	420-4880
 <p>Coupler</p>	118681	Seal Assembly KIT 7	420-5020
	118705	Coupling CI	420-5220
	118709	Shaft Coupler 5/8"	420-5260
 <p>Coupler</p>	118723	Coupler 2-1/2" & 3"	420-5300
	118844	Bearing Assembly 100	420-5500
 <p>Bearing Assembly</p>	186410	Coupler Assembly	420-5610
	189034	Bearing Assembly 100B	420-5700
	189100	Bearing 1-1/2"	420-5900
	189101	Bearing HV & 2"	420-5920
	189103	Bearing HV & 1-1/2" & 2" BR	420-5940
	189105	Bearing pair & 2-1/2" & 3"	420-5962
	189110	Coupling 3/4"-2"	420-5980
189120	Bearing HV NEW-79	420-5982	
 <p>Bearing Assembly</p>	189128	Impeller HV NEW-79	420-5986
	189132	Impeller	420-5988
	L23401	Pump Lubrication	420-6000
	P04080	Body Gasket F/100	420-7000
	P04890	Body Gasket 1-3	420-7020
	P05800	Body Gasket 1-3	420-7040