



Submittal Data Information

101-9.9

LoadMatch® Circulator

Effective: June 7, 2019

Supersedes: January 5, 2015

Job: _____ Engineer: _____ Contractor: _____ Rep: _____

ITEM NO.	MODEL NO.	

Technical Data

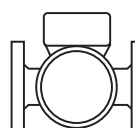
Features

- Integral Flow Check (IFC™)
 - Prevents gravity flow
 - Eliminates separate in-line flow check
 - Reduces installed cost, easy to service
 - Improved performance vs. In-line flow checks
- Exclusive ACB — Anti-Condensate Baffle - protects motor windings against condensate build-up
- Unique replaceable cartridge — Field serviceable
- Unmatched reliability — Maintenance free
- Quiet, efficient operation
- Direct drive — Low power consumption
- Self lubricating, No mechanical seal
- Standard high capacity output — Compact design

Mounting Positions

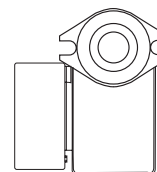


Standard

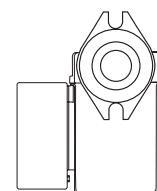


Optional

Flange Orientation



Standard



L1111 only

Materials of Construction

Casing (Volute): Cast Iron, Bronze or Stainless Steel
 Integral Flow Check:
 Body, Plunger.....Acetal
 O-ring Seals.....EPDM
 Spring.....Stainless Steel
 Stator Housing:..... Steel or Aluminum
 Cartridge:..... Stainless Steel
 Impeller:..... Non-Metallic
 Shaft: Ceramic
 Bearings:..... Carbon
 O-Ring & Gaskets: EPDM

Performance Data

Minimum Fluid Temperature:
 32°F (0°C)
 Maximum Fluid Temperature:
 230°F (110°C) Cast Iron or Stainless Steel
 220°F (104°C) Bronze
 Maximum Working Pressure:
 200 psi
 Connection Sizes:
 3/4", 1", 1-1/4", 1-1/2" Flanged
 3/4" Sweat



**FOR INDOOR
USE ONLY**



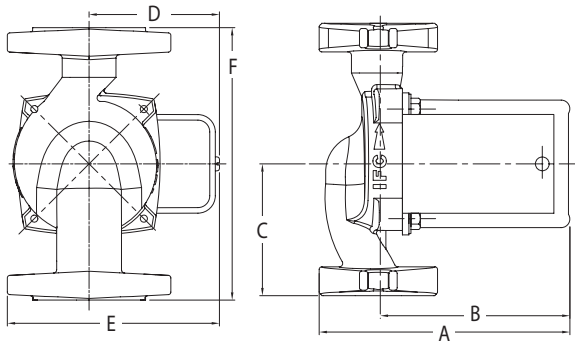
**BRONZE & SS
MODELS**

Electrical Data		3250RPM, 60Hz, Single Phase			2750RPM, 50Hz, Single Phase	
Model	HP	115V, Amps	208-230V, Amps	277V, Amps	100/110V, Amps	220V, Amps
BRONZE						
L0410	1/40	0.55	0.37	0.19	0.55	0.46
L0515	1/25	0.84	0.51	0.33	0.85	0.52
CAST IRON OR STAINLESS STEEL						
L0410	1/40	0.52	0.36	0.22	0.50	0.39
L0515	1/25	0.79	0.46	0.31	0.79	0.50
L0435	1/8	1.40	0.70	0.57	1.60	0.72
L1111	1/8	1.10	0.55	0.50	1.60	0.77
L1614	1/8	1.57	0.70	0.63	1.70	0.75
L1034	1/6	2.00	1.00	0.90	2.00	1.00
L1121	1/8	1.45	0.73	0.64	1.80	0.82

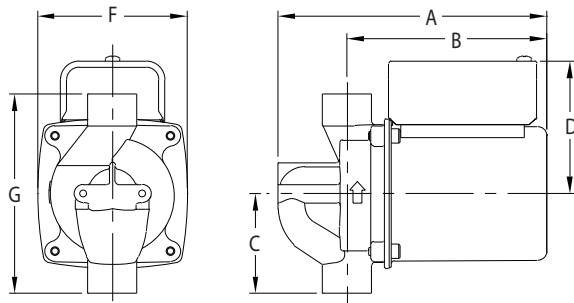
Dimensional Data

Circulator Dimensions & Weights

		A		B		C		D		E		F		Ship Wt.	
Model	Connection	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	Kg
BRONZE															
L0410	3/4" swt.	6	152	4-7/8	124	2-3/16	56	2-15/16	75	3-5/16	84	4-3/8	111	6	2.7
L0515	3/4" swt.	6-1/2	165	4-9/16	116	3-3/16	81	2-15/16	75	4-11/16	119	6-3/8	162	9	4.0
CAST IRON OR STAINLESS STEEL															
L0410	Flanged	6-1/4	159	4-3/8	111	3-3/16	81	2-15/16	75	5	127	6-3/8	162	7	3.2
L0515	Flanged	5-15/16	151	4-1/2	114	3-3/16	81	2-15/16	75	5	127	6-3/8	162	9	4.0
L0435	Flanged	7	178	5-11/16	144	3-3/16	81	3-3/8	86	5-1/2	140	6-3/8	162	9.5	4.3
L1111	Flanged	7-1/4	184	5-5/16	135	3-3/16	81	3-5/16	84	5-3/8	137	6-3/8	162	10	4.5
L1614	Flanged	8-1/16	205	6-3/8	162	4-1/4	108	3-5/16	84	6	152	8-1/2	216	14	6.3
L1034	Flanged	7-1/2	191	6-3/8	162	3	76	3-7/8	98	6	152	6-1/2	165	12.5	5.7
L1121	Flanged	7-1/4	184	5-3/4	146	3-1/4	83	3-5/16	84	5-1/2	140	6-1/2	165	13	5.9



Flanged Models



Sweat Connection Models

