

In-Line Circulators

Taco In-Line Circulators are designed to efficiently circulate heated or chilled water in residential or light commercial Hydronic Systems. These circulators may also be used for zoning large installations and are available in bronze or stainless steel construction for domestic hot water applications.

In-Line Circulators demonstrate proven performance, dependability, quiet operation and long lasting performance.



NSF® ≤ .25% Lead

Stainless Steel Models
Meet California AB 1953
and Vermont Act 193



110 Series In-Line Circulators

Submittal Data # 101-155
Supersedes: 02/01/13

Effective: 11/20/14

110 Series (110, 111, 112, 113, 120)

Red Baron Circulators:

Rugged Motor Built to Last

- Resilient mounted, split phase motor with built-in overload protector
- Equipped with sleeve bearings for quiet operation

Proven Pump Construction

- One piece non-ferrous impeller
- Stainless steel shaft
- Rugged bronze sleeve bearing
- Two piece carbon/ceramic seal assembly
- Durable one piece spring coupling

Factory Tested

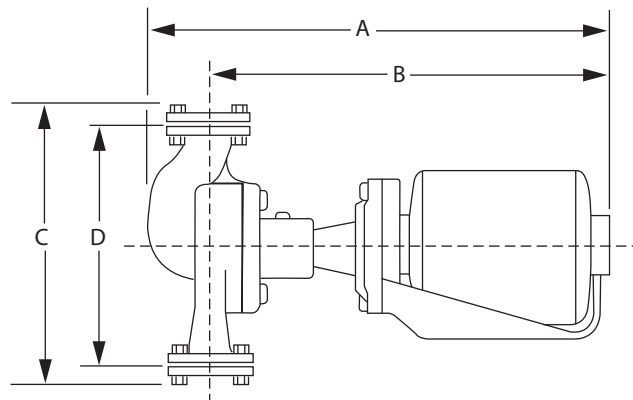
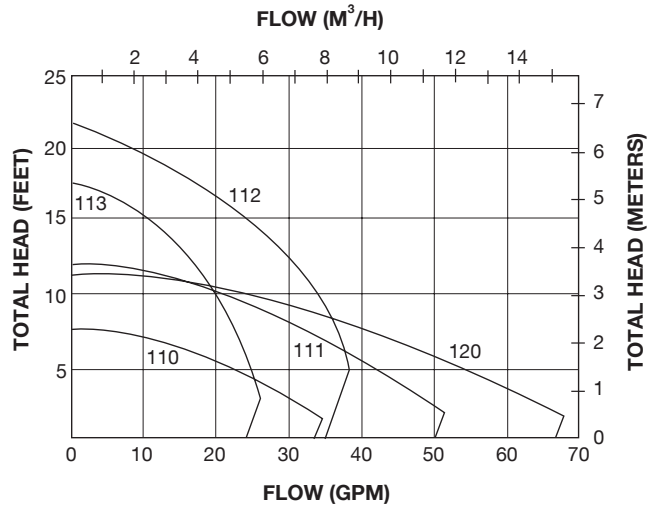
- Every circulator is operated before shipment

Easy, Low-Cost Service

- No special tools required
- Nationwide parts availability

Accessories & Options

- Circulators available in:
 - Stainless Steel (110 thru 120 models)
- Companion *freedom*® FLANGES available in:
 - 3/4", 1", 1-1/4", 1-1/2" sizes
- Shut-off *freedom* FLANGES available in:
 - 3/4", 1", 1-1/4" and 1-1/2" sizes
- Allows easy isolation and service



Specifications

MODEL NUMBER (1)	FLANGE SIZE	MOTOR (2) (115V/60 HZ/1 PH)		MAXIMUM TEMP. (3)	PRESSURE RATING	DIMENSIONS								APPROX. SHIPPING WEIGHT	
		HP	RPM			A		B		C		D			
						IN.	MM	IN.	MM	IN.	MM	IN.	MM	LBS.	KG
110	¾", 1", 1¼", 1½"	⅓	1725	240°F	125 psi	14⅝	371.5	12⅝	320.7	7⅞	200.0	6⅝	160.3	21	9.5
111		⅛		240°F (3)		16¼	412.8	13⅞	352.4	10¼	260.4	8¾	222.3	26	11.8
112		⅓	3450	240°F		16½	419.1	14½	368.3	7⅞	200.0	6⅜	161.9	28	12.7
113		⅛	1725	240°F (3)		16¼	412.8	14	355.6	10⅞	257.2	8½	215.9	27	12.2
120	2"	⅙				16⅞	428.6	14¼	362.0	13½	342.9	11	279.4	46	20.9

(1) When specifying all stainless steel construction, add letter "S" after model number (e.g. 110S).

(2) Motors are available with other electrical characteristics – consult your Taco representative.

(3) 240° Intermittent, 200° Continuous.