

# **Submittal Data Information** Freedom Flanges®

101-169

Effective: August 08, 2023 Supersedes: September 28, 2016

 Job:
 Engineer:
 Contractor:
 Rep:

 ITEM NO.
 MODEL NO.

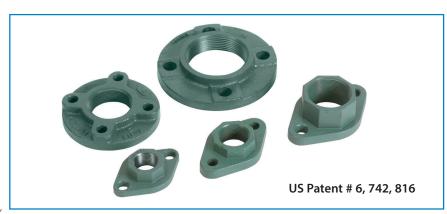
## Cast Iron freedom FLANGE®

At last, freedom from scraped knuckles and jury-rigged tools. Taco's flanges give you lots of ways to make quick work of your installation:

- Fits the 00e® Series ECM high-efficiency circulators including the 007e, 0015e3, 0018e, 0026e, 0034e, and 0034ePlus
- Easy-On, Easy-Off with a common adjustable wrench
- · Nuts & Bolts included

Fig. A

• Cast Iron flanges available in sizes: 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2" and 3"



### Cast Iron freedom FLANGE®

Fits all 00° models (except 0012), 110-113, 2400-10/20/45/50, VT2218, VR1816, 007e and VR3452, 0015e3, 0018e, 0026e, 0034e, 0034ePlus

Figure	Product#	Size A	В	C	D	E	F	G	Н
А	110-251F	3/4" NPT	2-3/4"	1-3/8"	4-1/8"	2-1/16"	1″	3/8"	3-1/8"
А	110-252F	1" NPT	2-3/4"	1-3/8"	4-1/8"	2-1/16"	1"	3/8"	3-1/8"
А	110-253F	1-1/4" NPT	2-3/4"	1-3/8"	4-1/8"	2-1/16"	1″	3/8"	3-1/8"
А	110-254F	1-1/2" NPT	2-3/4"	1-3/8"	4-1/8"	2-1/16"	1"	3/8"	3-1/8"

Fits 0012-F4 and 2400-30/40

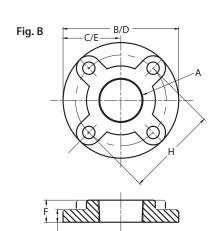
Figure	Figure Product# Size A		Product# Size A B		С	D	E	F	G	Н
Α	194-1540F	1-1/4" NPT	2-15/16"	1-15/32"	4-3/4"	2-3/8"	1-3/16"	9/16"	3-7/16"	
А	194-1542F	1-1/2" NPT	2-15/16"	1-15/32"	4-3/4"	2-3/8"	1-3/16"	9/16"	3-7/16"	

1-1/2" Flange set included in each 0012-F4 box.

Fits 0012-F4-1 (2"), 2400-50/2

Ĺ	Figure	Product#	Size A	В	С	D	E	F	G	Н
	Α	194-2124F	2" NPT	3-5/8"	1-13/16"	5-9/16"	2-25/32"	1-3/4"	9/16"	4-1/8"

2" Flange set included in each 0012-F4-1 box.



Fits 2400-60, 2400-65 and 2400-70

Figure	Product#	Size A	В	C	D	E	F	G	Н
В	185-08C	2" NPT	5-1/4"	2-5/8"	5-1/4"	2-5/8"	1″	9/16"	4-1/8"

Fits 2400-70/3

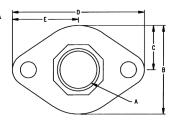
Figu	re Product# Size A		Size A	В	C	D	E	F	G	Н
В		185-112C	2-1/2" NPT	6-5/8"	3-5/16"	6-5/8"	3-5/16"	1-1/8"	11/16"	5-1/4"
В		185-113C	3" NPT	6-5/8"	3-5/16"	6-5/8"	3-5/16"	1-1/8"	11/16"	5-1/4"

All dimensions are nominal.

## StainlessSteel freedom FLANGE®

- Fits all Stainless Steel 00® circulators, 110 Series, 2400 Series, 007e, 0015e3, 0018e, 0026e, 0034e, and 0034ePlus
- Easy-On, Easy-Off with a common adjustable wrench
- NSF-372 Certified for low lead
- Nuts & Bolts included
- Stainless Steel flanges available in sizes: 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2" and 3" NPT

Fig. A



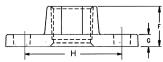


Fig. B

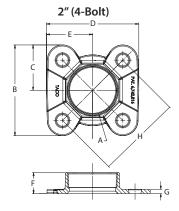
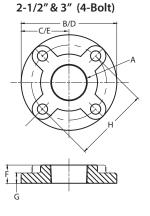


Fig. C





**Stainless Steel** *freedom* **FLANGE®**Fits all 00° models (except 0012), 110-113, 2400-10/20/45/50, VT2218, VR1816, 007e and VR3452, 0015e3, 0018e, 0026e, 0034e, 0034ePlus

Figure	Product#	Size A	В	C	D	E	F	G	Н
Α	110-251SF	3/4" NPT	2-3/4"	1-3/8"	4-1/8"	2-1/16"	1"	7/32"	3-1/8"
А	110-252SF	1" NPT	2-3/4"	1-3/8"	4-1/8"	2-1/16"	1"	7/32"	3-1/8"
А	110-253SF	1-1/4" NPT	2-3/4"	1-3/8"	4-1/8"	2-1/16"	1"	7/32"	3-1/8"
А	110-254SF	1-1/2" NPT	2-3/4"	1-3/8"	4-1/8"	2-1/16"	1"	7/32"	3-1/8"

Fits 0012-SF4, 2400-30S/40S

Fig	ure	Product#	Size A	В	C	D	E	F	G	Н
A	4	194-1540SF	1-1/4" NPT	2-15/16"	1-15/32"	4-3/4"	2-3/8"	1"	7/32"	3-7/16"
A	4	194-1542SF	1-1/2" NPT	2-15/16"	1-15/32"	4-3/4"	2-3/8"	1"	7/32"	3-7/16"

<sup>1-1/2&</sup>quot; Flange set included in each 0012-SF4 box.

### Fits 0012-SF4-1 (2"), 2400-50S/2

Figure	Product#	Size A	В	С	D	E	F	G	Н
Α	194-2124SF	2" NPT	3-5/8"	1-13/16"	5-9/16"	2-25/32"	1″	7/32"	4-1/8"

<sup>2&</sup>quot; Flange set included in each 0012-SF4-1 box.

Fits 2400-60S, 2400-65S and 2400-70S

Figure	Product#	Size A	В	C	D	E	F	G	Н
В	185-086S	2" NPT	4-5/16"	2-3/16"	4-3/8"	2-3/16"	1″	1/4"	4-1/8"

### Fits 2400-70S/3

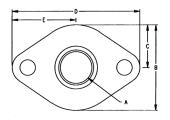
Figure	re Product# Size A		В	С	D	E	F	G	Н
C	185-112S	2-1/2" NPT	6-5/8"	3-5/16"	6-5/8"	3-5/16"	1-1/8"	11/16"	5-1/4"
С	185-113S	3" NPT	6-5/8"	3-5/16"	6-5/8"	3-5/16"	1-1/8"	11/16"	5-1/4"

All dimensions are nominal.

## **Bronze Sweat** *freedom* **FLANGE**®

- Fits all 00° (except 0012), 110 Series, 2400 — 10/20/45/50, 007e, VR1816, VT2218 & VR3452, 0015e3, 0018e, 0026e, 0034e, and 0034ePlus
- Solid lead-free bronze
- Nuts & Bolts included
- Bronze Sweat flanges available in sizes: 1/2", 3/4", 1", 1-1/4" and 1-1/2"

Fig. A



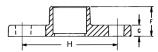




Figure	Product#	Size A	В	C	D	E	F	G	Н
А	110-522BSFL	1/2" Swt	2-3/4"	1-3/8"	4-1/8"	2-1/16"	7/8″	3/8"	3-1/8"
А	110-523BSFL	3/4" Swt	2-3/4"	1-3/8"	4-1/8"	2-1/16"	7/8"	3/8"	3-1/8"
А	110-524BSFL	1"Swt	2-3/4"	1-3/8"	4-1/8"	2-1/16"	1"	3/8"	3-1/8"
А	110-525BSFL	1-1/4" Swt	2-3/4"	1-3/8"	4-1/8"	2-1/16"	1-1/8"	3/8"	3-1/8"
А	110-526BSFL	1-1/2" Swt	2-3/4"	1-3/8"	4-1/8"	2-1/16"	1-1/4"	3/8"	3-1/8"

All dimensions are nominal.

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**Taco (Canada), Ltd.,** 8450 Lawson Road, Suite #3, Milton, Ontario L9T 0J8 | Tel: (905) 564-9422

