



BitzerUS to Standard Ref (XR-0037)

Receiver Cross Reference

Version 2, Aug 2017

Liquid Receiver Cross Reference

Purpose

This document provides a comparison between BitzerUS standard receiver models and Standard Refrigeration standard receiver models. BitzerUS Standard models in this document do not fully encompass all available standard models. For additional information, please see Liquid Receiver Catalog.

Features

	Standard Refrigeration	BitzerUS
IDS Fluid Connections	YES	YES
FNPT Safety Connections	YES	YES
Sand Blast and Cleaning Prior to Assembly	YES	YES
Black Paint and Primer	YES	YES
Carbon Steel Construction	YES	YES
Construction According to ASME Sec. VIII Div. 1	YES	YES
CRN AVAILABILITY	AVAILABLE UPON REQUEST	AVAILABLE UPON REQUEST
MAXIMUM ALLOWABLE WORKING PRESSURE	450/675 psi @ 150°F	450/675 psi @ 250°F

General Differences

1. All BitzerUS horizontal receivers have the safety connection at 45° whereas Standard Refrigeration has it at 30°
2. All BitzerUS receivers that have rotalock valve(s) use horizontal valves

Low Pressure Horizontal Receivers

Product Range

Standard Refrigeration has 27 standard models from 28lbs to 1443lbs pump down capacity. BitzerUS has 28 standard models from 33.6lbs to 1832.1lbs pump down capacity.

Standard Refrigeration Models Not Standard to BitzerUS

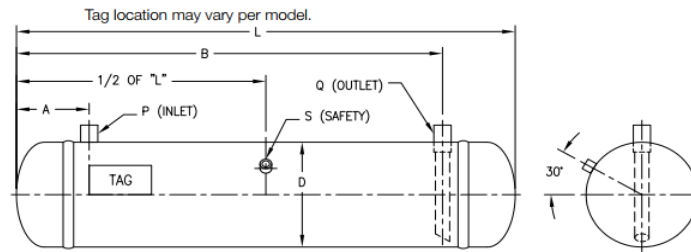
Custom models are available upon request. Please email your requests to pvcustom@bitzerus.com

Standard Refrigeration
306
366
2885

Drop-in Models

Standard Refrigeration	BitzerUS Standard Models
36105	BH0046XL-XXX
48105	BH0063XL-XXX
60105	BH0078XL-XXX
72105	BH0095XL-XXX
60166	BH0170XL-XXX
72166	BH0206XL-XXX
96166	BH0278XL-XXX
72188	BH0262XL-XXX
72201	BH0325XL-XXX
84201	BH0383XL-XXX
96201	BH0440XL-XXX
96241	BH0622XL-XXX

Dimensions and Connections that differ



		(L)	(A)	(B)	(Q) Outlet IDS
STANDARD VS BITZER	3865	38	-	33 5/8	5/8
	BH0017XL-XXX	36	-	31 3/8	7/8
STANDARD VS BITZER	3685	-	4 5/8	31 3/8	7/8
	BH0030XL-XXX	-	4 7/8	31 1/8	1 1/8
STANDARD VS BITZER	4285	-	4 5/8	37 3/8	7/8
	BH0035XL-XXX	-	4 7/8	37 1/8	1 1/8
STANDARD VS BITZER	4885	-	4 5/8	42 3/8	-
	BH0041XL-XXX	-	4 7/8	43 1/8	-
STANDARD VS BITZER	6085	-	4 5/8	55 3/8	-
	BH0051XL-XXX	-	4 7/8	55 1/8	-
STANDARD VS BITZER	96105	-	-	-	1 3/8
	BH0127XL-XXX	-	-	-	1 5/8
STANDARD VS BITZER	48122	-	8 1/2	39 1/2	1 3/8
	BH0084XL-XXX	-	8	40	1 5/8
STANDARD VS BITZER	60122	-	8 1/2	51 1/2	1 3/8
	BH0106XL-XXX	-	8	52	1 5/8
STANDARD VS BITZER	72122	-	8 1/2	63 1/2	-
	BH0129XL-XXX	-	8	64	-
STANDARD VS BITZER	96122	-	8 1/2	87 1/2	-
	BH0173XL-XXX	-	8	88	-
STANDARD VS BITZER	72145	-	9 1/2	62 1/2	1 5/8
	BH0156XL-XXX	-	8 1/2	63 1/2	1 3/8
STANDARD VS BITZER	96145	-	9 1/2	86 1/2	-
	BH0211XL-XXX	-	8 1/2	87 1/2	-

High Pressure Horizontal Receivers

Product Range

Standard Refrigeration has 24 standard models from 27lbs to 620lbs pump down capacity. BitzerUS has 28 standard models from 27.5lbs to 1599.5lbs pump down capacity.

Standard Refrigeration Models Not Standard to BitzerUS

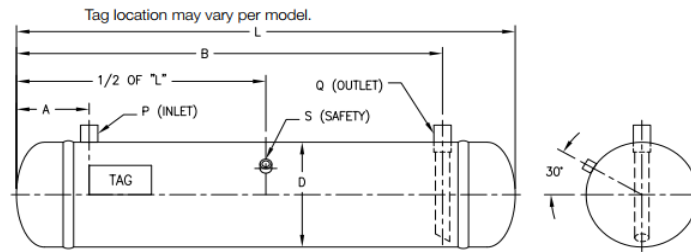
Custom models are available upon request. Please email your requests to pvcustom@bitzerus.com

Standard Refrigeration
2855MP
3865MP
2885MP

Drop-in Models

Standard Refrigeration	BitzerUS Standard Models
36105MP	BH0046XK-XXX
48105MP	BH0063XK-XXX
60105MP	BH0078XK-XXX
72105MP	BH0095XK-XXX
60166MP	BH0170XK-XXX
72166MP	BH0206XK-XXX
96166MP	BH0278XK-XXX
72188MP	BH0262XK-XXX

Dimensions and Connections that differ



		(A)	(B)	(P) Inlet IDS	(Q) Outlet IDS
STANDARD VS BITZER	3065MP BH0014XK-XXX	5 4 5/8	25 25 3/8	- -	- -
STANDARD VS BITZER	3665MP BH0017XK-XXX	5 4 5/8	31 31 3/8	5/8 7/8	5/8 7/8
STANDARD VS BITZER	3685 BH0030XK-XXX	5 5/8 4 7/8	30 3/8 31 1/8	- -	7/8 1 1/8
STANDARD VS BITZER	4285 BH0035XK-XXX	5 5/8 4 7/8	36 3/8 37 1/8	- -	7/8 1 1/8
STANDARD VS BITZER	4885 BH0041XK-XXX	5 5/8 4 7/8	42 3/8 43 1/8	- -	- -
STANDARD VS BITZER	6085 BH0051XK-XXX	5 5/8 4 7/8	54 3/8 55 1/8	- -	- -
STANDARD VS BITZER	96105 BH0127XK-XXX	- -	- -	- -	1 3/8 1 5/8
STANDARD VS BITZER	48122 BH0084XK-XXX	8 1/2 8	39 1/2 40	- -	1 3/8 1 5/8
STANDARD VS BITZER	60122 BH0106XK-XXX	8 1/2 8	51 1/2 52	- -	1 3/8 1 5/8
STANDARD VS BITZER	72122 BH0129XK-XXX	8 1/2 8	63 1/2 64	- -	- -
STANDARD VS BITZER	96122 BH0173XK-XXX	8 1/2 8	87 1/2 88	- -	- -
STANDARD VS BITZER	72145 BH0156XK-XXX	9 1/2 8 1/2	62 1/2 63 1/2	- -	1 5/8 1 3/8
STANDARD VS BITZER	96145 BH0211XK-XXX	9 1/2 8 1/2	86 1/2 87 1/2	- -	- -

Low Pressure Horizontal Receivers with Rotolock

Product Range

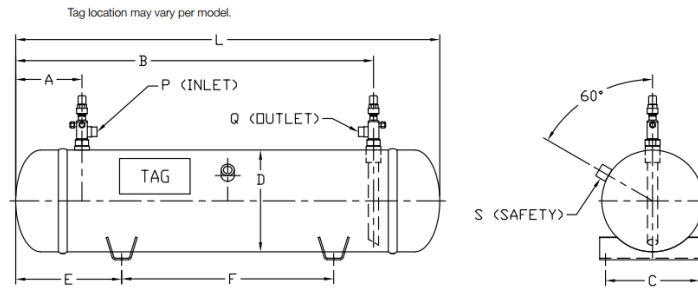
Standard Refrigeration has 12 standard models from 34lbs to 648lbs pump down capacity. BitzerUS has 26 standard models from 33.6lbs to 1025.6lbs pump down capacity.

Standard Refrigeration Models Not Standard to BitzerUS

Custom models are available upon request. Please email your requests to pvcustom@bitzerus.com

Standard Refrigeration
RBV366

Dimensions and Connections that differ



		(L)	(A)	(B)	(C)	(E)	(F)
STANDARD VS BITZER	RBV3865	38	-	33 5/8	5 1/2	9 1/2	19
	BH0017XL-RXX	36	-	31 3/8	6	9	18
STANDARD VS BITZER	RBV3685	-	5 5/8	31 3/8	7 1/2	-	-
	BH0030XL-RXX	-	4 7/8	31 1/8	8	-	-
STANDARD VS BITZER	RBV4285	-	4 5/8	37 3/8	7 1/2	-	-
	BH0035XL-RXX	-	4 7/8	37 1/8	8	-	-
STANDARD VS BITZER	RBV36105	-	6 1/2	29 1/2	10	-	-
	BH0046XL-RXX	-	7	29	10 1/8	-	-
STANDARD VS BITZER	RBV48105	-	6 1/2	41 1/2	10	-	-
	BH0063XL-RXX	-	7	41	10 1/8	-	-
STANDARD VS BITZER	RBV60105	-	6 1/2	53 1/2	10	-	-
	BH0078XL-RXX	-	7	53	10 1/8	-	-
STANDARD VS BITZER	RBV48122	-	-	-	11 5/8	-	-
	BH0084XL-RXX	-	-	-	11 1/8	-	-
STANDARD VS BITZER	RBV60122	-	-	-	11 5/8	-	-
	BH0106XL-RXX	-	-	-	11 1/8	-	-
STANDARD VS BITZER	RBV72145	-	8 3/8	63 5/8	13 1/4	-	-
	BH0156XL-RXX	-	8 1/2	63 1/2	13	-	-
STANDARD VS BITZER	RBV96145	-	8 3/8	87 5/8	13 1/4	-	-
	BH0211XL-RXX	-	8 1/2	87 1/2	13	-	-
STANDARD VS BITZER	RBV96166	-	8 7/8	87 1/8	15 3/4	-	-
	BH0278XL-RXX	-	9	87	15	-	-

High Pressure Horizontal Receivers with Rotolock

Product Range

Standard Refrigeration has 12 standard models from 23lbs to 659lbs pump down capacity. BitzerUS has 26 standard models from 27.5lbs to 870.7lbs pump down capacity.

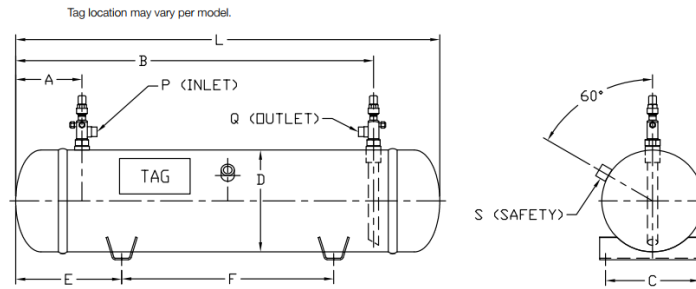
Standard Refrigeration Models Not Standard to BitzerUS

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Standard Refrigeration

RBV2855MP

Dimensions and Connections that differ



		(L)	(A)	(B)	(C)	(E)	(F)
STANDARD VS BITZER	RBV3865MP	38	5	33	5 1/2	9 1/2	19
	BH0017FK-RXX	36	4 5/8	31 3/8	6	9	18
STANDARD VS BITZER	RBV3685MP	-	5 5/8	30 3/8	8	-	-
	BH0030FK-RXX	-	4 7/8	31 1/8	8	-	-
STANDARD VS BITZER	RBV4285MP	-	5 5/8	36 3/8	-	-	-
	BH0035FK-RXX	-	4 7/8	37 1/8	-	-	-
STANDARD VS BITZER	RBV36105MP	-	-	10	-	-	-
	BH0046FK-RXX	-	-	10 1/8	-	-	-
STANDARD VS BITZER	RBV48105MP	-	-	10	-	-	-
	BH0063FK-RXX	-	-	10 1/8	-	-	-
STANDARD VS BITZER	RBV60105MP	-	-	-	10	-	-
	BH0078FK-RXX	-	-	-	10 1/8	-	-
STANDARD VS BITZER	RBV48122MP	-	8 1/2	39 1/2	11 5/8	-	-
	BH0084FK-RXX	-	8	40	11 1/8	-	-
STANDARD VS BITZER	RBV60122MP	-	8 1/2	51 1/2	11 5/8	-	-
	BH0106FK-RXX	-	8	52	11 1/8	-	-
STANDARD VS BITZER	RBV72145MP	-	9 1/2	62 1/2	13 1/4	-	-
	BH0156FK-RXX	-	8 1/2	63 1/2	13	-	-
STANDARD VS BITZER	RBV96145MP	-	9 1/2	86 1/2	13 1/4	-	-
	BH0211FK-RXX	-	8 1/2	87 1/2	13	-	-
STANDARD VS BITZER	RBV96166MP	-	-	-	15 3/4	-	-
	BH0278FK-RXX	-	-	-	15	-	-

Low Pressure Vertical Receivers

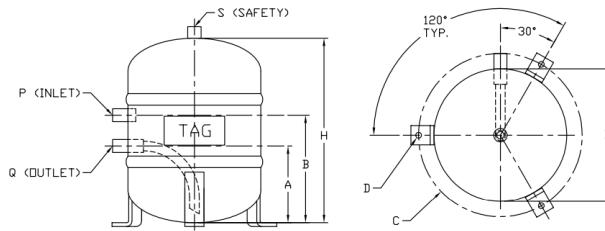
Product Range

Standard Refrigeration has 14 standard models from 21lbs to 520lbs pump down capacity. BitzerUS has 22 standard models from 16lbs to 522lbs pump down capacity.

Drop-in Models

Standard Refrigeration	BitzerUS Standard Models
UR20	BV0009FL-XXX

Dimensions and Connections that differ



		(A)	(B)	(C)	(D) BOLT HOLE	(P) INLET	(Q) INLET
STANDARD VS BITZER	UR28	-	-	12 3/4	-	-	-
	BV0013FL-XXX	-	-	10 5/8	-	-	-
STANDARD VS BITZER	UR48	6	-	12 3/4	-	-	-
	BV0021FL-XXX	6 1/2	-	10 5/8	-	-	-
STANDARD VS BITZER	UR66	6 5/8	11 3/8	-	-	-	-
	BV0029FL-XXX	7	11	-	-	-	-
STANDARD VS BITZER	UR72	6 5/8	13 3/4	-	-	-	-
	BV0032FL-XXX	7	13	-	-	-	-
STANDARD VS BITZER	UR84	6 5/8	17 3/8	-	-	-	-
	BV0040FL-XXX	7	17	-	-	-	-
STANDARD VS BITZER	UR108	-	-	-	5/8	-	-
	BV0048FL-XXX	-	-	-	5/8	-	-
STANDARD VS BITZER	UR137	-	-	-	5/8	-	-
	BV0063FL-XXX	-	-	-	5/8	-	-
STANDARD VS BITZER	UR151	6 7/8	34 1/2	-	-	-	-
	BV0073FL-XXX	7 1/4	34 3/4	-	-	-	-
STANDARD VS BITZER	UR174	8 3/4	12 1/4	-	5/8	-	-
	BV0079FL-XXX	9	15	-	5/8	-	-
STANDARD VS BITZER	UR201	7 5/8	37 1/2	-	5/8	1 5/8	1 5/8
	BV0098FL-XXX	7 1/2	38 1/2	-	5/8	1 3/8	1 3/8
STANDARD VS BITZER	UR276	8 1/8	-	-	5/8	-	-
	BV0134FL-XXX	8	-	-	5/8	-	-
STANDARD VS BITZER	UR351	8 3/8	-	-	5/8	-	-
	BV0170FL-XXX	8	-	-	5/8	-	-
STANDARD VS BITZER	UR451	9	-	-	5/8	-	-
	BV0224FL-XXX	9 1/2	-	-	5/8	-	-

High Pressure Vertical Receivers

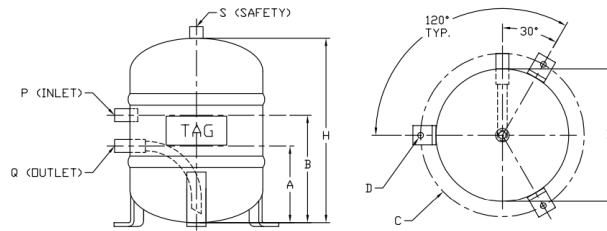
Product Range

Standard Refrigeration has 14 standard models from 21lbs to 529lbs pump down capacity. BitzeUS has 22 standard models from 13lbs to 441.9lbs pump down capacity.

Drop-in Models

Standard Refrigeration	BitzerUS Standard Models
UR20MP	BV0009FK-XXX

Dimensions and Connections that differ



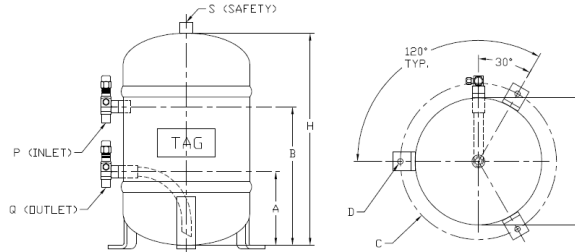
		(A)	(B)	(C)	(D) BOLT HOLE	(P) INLET	(Q) INLET
STANDARD VS BITZER	UR28MP	-	-	-	-	-	-
	BV0013FK-XXX	-	-	-	-	-	-
STANDARD VS BITZER	UR48MP	6	-	12 3/4	-	-	-
	BV0021FK-XXX	6 1/2	-	10 5/8	-	-	-
STANDARD VS BITZER	UR66MP	6 5/8	11 3/8	-	-	-	-
	BV0029FK-XXX	7	11	-	-	-	-
STANDARD VS BITZER	UR72MP	6 5/8	13 3/4	-	-	-	-
	BV0032FK-XXX	7	13	-	-	-	-
STANDARD VS BITZER	UR84MP	6 5/8	17 3/8	-	-	-	-
	BV0040FK-XXX	7	17	-	-	-	-
STANDARD VS BITZER	UR108MP	-	-	-	5/8	-	-
	BV0048FK-XXX	-	-	-	5/8	-	-
STANDARD VS BITZER	UR137MP	8	16	-	5/8	-	-
	BV0063FK-XXX	8 1/2	15 1/2	-	5/8	-	-
STANDARD VS BITZER	UR151MP	6 7/8	34 1/2	-	-	-	-
	BV0073FK-XXX	7 1/4	34 3/4	-	-	-	-
STANDARD VS BITZER	UR174MP	8 3/4	12 1/4	-	5/8	-	-
	BV0079FK-XXX	9 1/8	14 7/8	-	5/8	-	-
STANDARD VS BITZER	UR201MP	7 5/8	37 1/2	-	5/8	1 5/8	1 5/8
	BV0098FK-XXX	7 1/2	38 1/2	-	5/8	1 3/8	1 3/8
STANDARD VS BITZER	UR276MP	8 1/8	-	-	5/8	-	-
	BV0134FK-XXX	8	-	-	5/8	-	-
STANDARD VS BITZER	UR351MP	8 3/8	-	-	5/8	-	-
	BV0170FK-XXX	9	-	-	5/8	-	-
STANDARD VS BITZER	UR451MP	9	-	-	5/8	-	-
	BV0224FK-XXX	9 1/8	-	-	5/8	-	-

Low Pressure Vertical Receivers with Rotolock

Product Range

Standard Refrigeration has 14 standard models from 21lbs to 520lbs pump down capacity. BitzerUS has 22 standard models from 16lbs to 522lbs pump down capacity.

Dimensions and Connections that differ



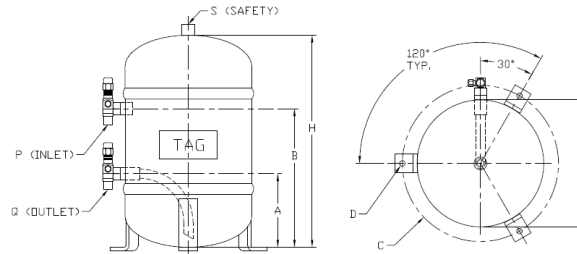
		(A)	(B)	(C)	(D) BOLT HOLE
STANDARD VS BITZER	UV30	5 3/8	12 3/4	-	-
	BV0014FL-RXX	5 1/8	12 7/8	-	-
STANDARD VS BITZER	UV40	5 3/8	18 3/4	-	-
	BV0020FL-RXX	5 1/8	19 3/8	-	-
STANDARD VS BITZER	UV50	5 1/2	26 5/8	-	-
	BV0027FL-RXX	5 1/4	26 3/4	-	-
STANDARD VS BITZER	UV70	6 5/8	21 3/8	-	-
	BV0035FL-RXX	6 1/2	21 1/2	-	-
STANDARD VS BITZER	UV100	6 5/8	31 3/8	-	-
	BV0049FL-RXX	6 1/2	31 1/2	-	-
STANDARD VS BITZER	UV125	7 7/8	28 1/8	-	-
	BV0062FL-RXX	7	29	-	-
STANDARD VS BITZER	UV150	7 7/8	34 1/8	-	-
	BV0073FL-RXX	7 1/4	34 3/4	-	-
STANDARD VS BITZER	UV200	9	37	-	5/9
	BV0098FL-RXX	7 1/2	38 1/2	-	5/8
STANDARD VS BITZER	UV275	8 1/2	39 1/2	-	5/9
	BV0134FL-RXX	8	39	-	5/8
STANDARD VS BITZER	UV350	8 1/2	51 1/2	-	5/9
	BV0170FL-RXX	8	51	-	5/8
STANDARD VS BITZER	UV450	-	-	-	5/9
	BV0224FL-RXX	-	-	-	5/8

High Pressure Vertical Receivers with Rotolock

Product Range

Standard Refrigeration has 14 standard models from 34lbs to 59lbs pump down capacity. BitzerUS has 22 standard models from 13lbs to 441.9lbs pump down capacity.

Dimensions and Connections that differ



		(A)	(B)	(C)	(D) BOLT HOLE
STANDARD VS BITZER	UV30MP	5 3/8	12 3/4	-	-
	BV0014FK-RXX	5 1/8	12 7/8	-	-
STANDARD VS BITZER	UV40MP	5 3/8	18 3/4	-	-
	BV0020FK-RXX	5 1/8	19 3/8	-	-
STANDARD VS BITZER	UV50MP	5 1/2	26 5/8	-	-
	BV0027FK-RXX	5 1/4	26 3/4	-	-
STANDARD VS BITZER	UV70MP	6 5/8	21 3/8	-	-
	BV0035FK-RXX	6 1/2	21 1/2	-	-
STANDARD VS BITZER	UV100MP	6 5/8	31 3/8	-	-
	BV0049FK-RXX	6 1/2	31 1/2	-	-
STANDARD VS BITZER	UV125MP	7 7/8	28 1/8	-	-
	BV0062FK-RXX	7	29	-	-
STANDARD VS BITZER	UV150MP	7 7/8	34 1/8	-	-
	BV0073FK-RXX	7 1/4	34 3/4	-	-
STANDARD VS BITZER	UV200MP	9	37	-	5/9
	BV0098FK-RXX	7 1/2	38 1/2	-	5/8
STANDARD VS BITZER	UV275MP	8 1/2	39 1/2	-	5/9
	BV0134FK-RXX	8	39	-	5/8
STANDARD VS BITZER	UV350MP	8 1/2	51 1/2	-	5/9
	BV0170FK-RXX	8	51	-	5/8
STANDARD VS BITZER	UV450MP	-	-	-	5/9
	BV0224FK-RXX	-	-	-	5/8