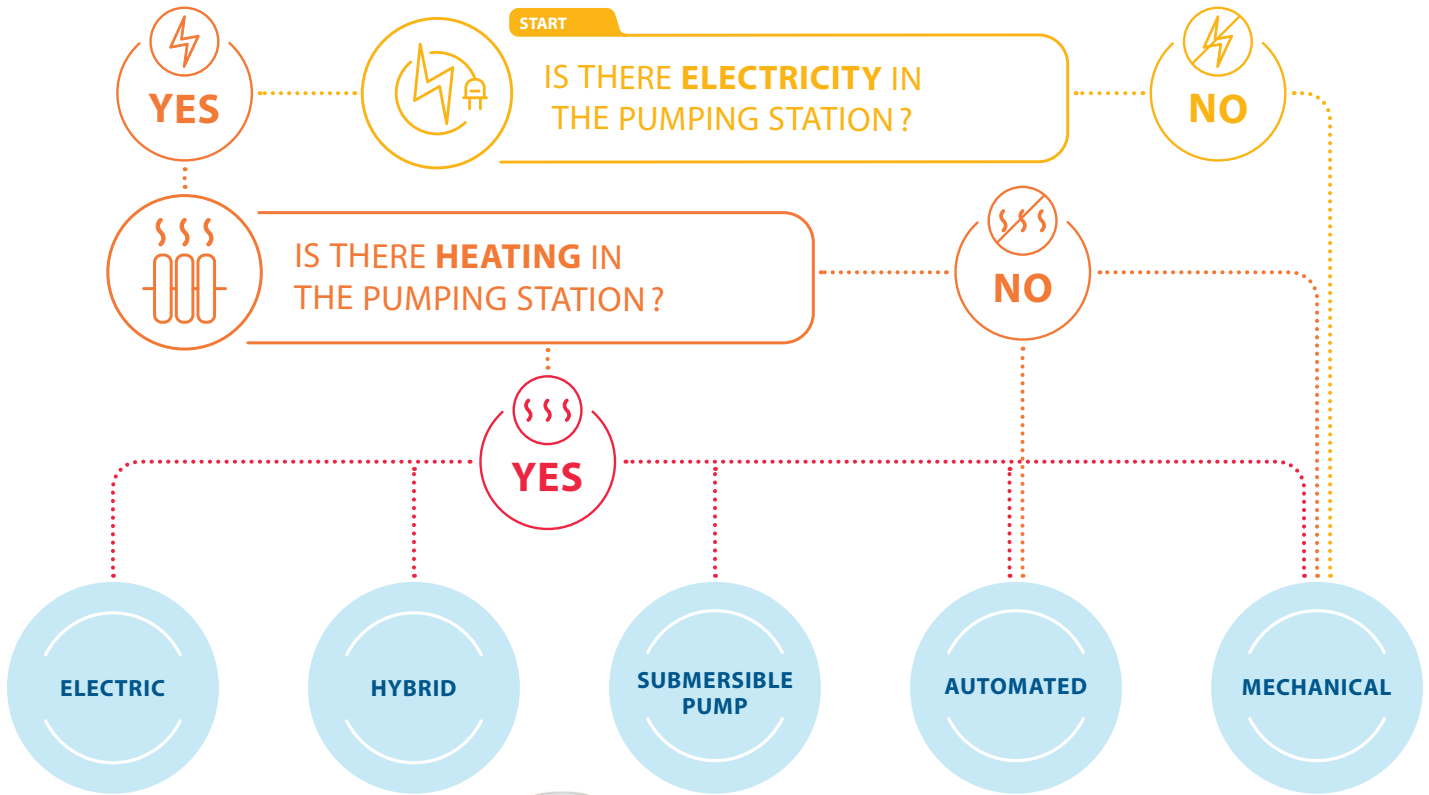


CHOOSE YOUR RELEASER



RELEASER'S ANATOMY



- A** Tank
- B** Manifold
- C** Inlets
- D** Inlets center height

MECHANICAL RELEASERS

MECHANICAL RELEASERS

This releaser works without electricity. It can be installed on a tank in a non-isolated station.



25A01-BHR218



25A01-BHR216



25A01-BHR211



25A01-BHR215-VC

MECHANICAL RELEASERS

	Capacity Taps	Tank			Manifold Size Ø in x L in	Inlets	
		Size Ø in x L in	Direction	Tanks		Height in the center	Inlets Qty. x Ø
25A01-BHR216	1 000	12" x 18"	V	Single	6" x 12"	20"	4 x 1"
25A01-BHR215	6 000	18" x 24"	H	Single	8" x 27"	26 ½"	6 x 1 ¼"
25A01-BHR215-VC	6 000	18" x 24"	H	Single	12" x 27"	26 ½"	6 x 1 ¼"
<i>Double</i>							
25A01-BHR211	1 000	8" x 16"	V	Double	6" x 18"	18"	4 x 1 ¼"
25A01-BHR210	1 500	12" x 12"	V	Double	6" x 27"	14"	6 x 1 ¼"
25A01-BHR213	3 000	12" x 18"	V	Double	6" x 27"	20"	6 x 1 ¼"
25A01-BHR217	4 000	12" x 18"	H	Double side-by-side	6" x 27"	20"	6 x 1 ¼"
25A01-BHR218	4 000	12" x 18"	H	Double	6" x 36"	20"	8 x 1 ½"
25A01-BHR217-2	5 000	12" x 24"	H	Double side-by-side	6" x 36"	21 ½"	8 x 1 ½"
25A01-BHR218-2	5 000	12" x 24"	H	Double	6" x 48"	20"	10 x 1 ½"
25A01-BHR219	10 000	18" x 18"	H	Double side-by-side	6" x 36"	24"	8 x 1 ½"
25A01-BHR220	10 000	18" x 18"	H	Double	6" x 42"	24"	10 x 1 ½"

Legend:

L = Length

H = Horizontal

V = Vertical

Ø = Diameter

in = Inches

Options

Ice blocking grid for manifold

3 inch valve (models for 10 000 taps)

MECHANICAL RELEASERS WITH JVC

MECHANICAL RELEASERS WITH JVC SYSTEM

These releasers operate without electricity. They can be installed on a storage tank, in a non-isolated station. The JVC system can reduce backflow by 50% thanks to its two valves which work independently. It is most efficient when vacuum is higher.



25A01-BHR219-JVC



25A01-BHR218-JVC



25A01-BHR210-JVC

Similar models:
25A01-BHR213-JVC



25A01-BHR217-JVC

MECHANICAL RELEASERS WITH JVC

	Capacity Taps	Size Ø in × L in	Tank		Manifold Size Ø in × L in	Inlets	
			Direction	Tanks		Height in the center	Inlets Qty. × Ø
25A01-BHR210-JVC	1 500	12" × 12"	V	Double	6" × 27"	14"	6 × 1 ¼"
25A01-BHR213-JVC	3 000	12" × 18"	V	Double	6" × 27"	20"	6 × 1 ¼"
25A01-BHR218-JVC	4 000	12" × 18"	H	Double	6" × 36"	20"	8 × 1 ½"
25A01-BHR218-2-JVC	5 000	12" × 24"	H	Double	6" × 48"	20"	10 × 1 ½"
25A01-BHR220-JVC	10 000	18" × 18"	H	Double	6" × 42"	24"	10 × 1 ½"
<i>Side-by-side</i>							
25A01-BHR217-JVC	4 000	12" × 18"	H	Double side-by-side	6" × 27"	20"	6 × 1 ¼"
25A01-BHR217-2-JVC	5 000	12" × 24"	H	Double side-by-side	6" × 36"	21 ½"	8 × 1 ½"
25A01-BHR219-JVC	10 000	18" × 18"	H	Double side-by-side	6" × 36"	24"	8 × 1 ½"

Legend:

L = Length

H = Horizontal

V = Vertical

Ø = Diameter

in = Inches

Options

Ice blocking grid for manifold

3 inch valve (models for 10 000 taps)

ELECTRIC RELEASERS

ELECTRIC RELEASERS

Simple to use and maintain, this releaser is very effective up to -25 vacuum thanks to the external pump (not included). It does not heat the sap and does not create any backflow.

Washing system (optional)

The washing system **is only available on horizontal models**. It effectively cleans the inside of the releaser when the vacuum is on.



25B01-BHR227-36



25B01-BHR224

ELECTRIC RELEASERS

	Capacity Taps	Tank		Manifold Size Ø in x L in	Inlets	
		Size Ø in x L in	Direction		Height in the center	Inlets Qty. x Ø
25B01-BHR224	1 000	12" x 24"	V	6" x 12"	24"	4 x 1"
25B01-BHR224-1	1 500	12" x 36"	V	6" x 27"	40"	6 x 1 ¼"
25B01-BHR225	5 000	18" x 24"	H	6" x 27"	33"	6 x 1 ¼"
25B01-BHR227-36	10 000	18" x 36"	H	6" x 42"	33"	10 x 1 ½"
25B01-BHR227-48	15 000	18" x 48"	H	6" x 52"	33"	12 x 1 ½"
25B01-BHR227-60	20 000	18" x 60"	H	6" x 60"	33"	15 x 1 ½"

Legend: L = Length H = Horizontal V = Vertical Ø = Diameter in = Inches

Options

- Ice blocking grid for manifold
- Addition of an emergency stop button*
- Addition of a 2nd switch for water pump*

- Washing system*
- Without manifold

*Not available on BHR224 and BHR224-1 models

HYBRID RELEASERS

HYBRID RELEASERS

During great flows, if the pumps fail, the mechanical mechanism takes over. It can also work with or without electricity, which is very advantageous during power failure. **Its installation is always done on a storage tank.**



2-JET WASHING SYSTEM included on all horizontal hybrid releasers

HYBRID RELEASERS

	Capacity Taps	Tank		Manifold Size Ø in x L in	Inlets		Washing System included
		Size Ø in x L in	Direction		Height in the center	Inlets Qty. x Ø	
25G02-BHR215-24-HYB	4 000	18" x 24"	H	8" x 27"	26 ½"	6 x 1 ¼"	✓
25G02-BHR215-36-HYB	8 000	18" x 36"	H	8" x 42"	25"	10 x 1 ½"	✓
25G02-BHR215-48-HYB	18 000	18" x 48"	H	8" x 52"	25"	12 x 1 ½"	✓

Legend: L = Length H = Horizontal Ø = Diameter in = Inches

Options

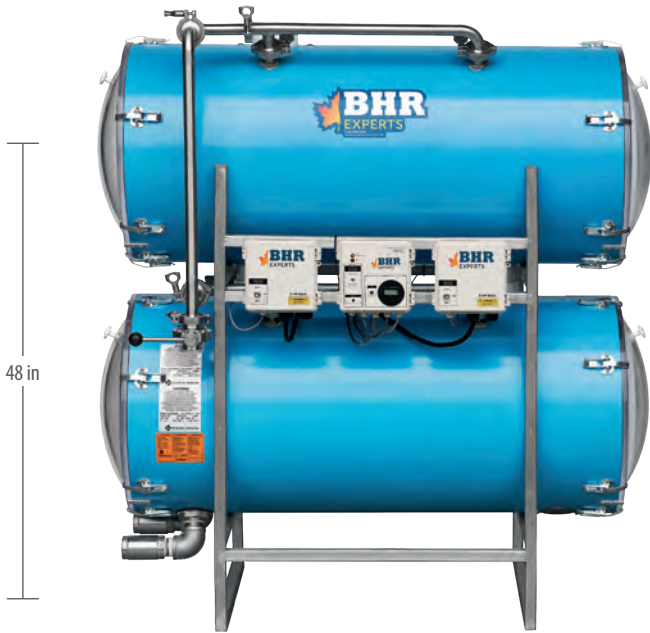
- Ice blocking grid for manifold

SUBMERSIBLE PUMP RELEASERS



2-JET WASHING SYSTEM

included on all horizontal submersible pump releases



48 in

25G01-BHR228-42D
2 PUMPS + PROBES + STAINLESS
PIPING (OPTIONAL)



25 ½ in

25G01-BHR225-4F
2 PUMPS + PROBES



25 ½ in

25G01-BHR227-48F
2 PUMPS + FLOATS

HORIZONTAL SUBMERSIBLE PUMP RELEASER

	Tank	Manifold	Inlets		Pumps		Washing System included
	Size Ø in × L in	Size Ø in × L in	Height in the center	Inlets Qty. × Ø in	Number	Type	
25G01-BHR225-4F	18" × 24"	6" × 27"	25 ½"	6 × 1 ¼"	1 to 2	A, B	✓
25G01-BHR227-36F	18" × 36"	6" × 42"	25 ½"	10 × 1 ½"	1 to 2	A, B, C, D, E	✓
25G01-BHR227-48F	18" × 48"	6" × 52"	25 ½"	12 × 1 ½"	2 to 4	A, B, C, D, E, F	✓
25G01-BHR228-42D	18" × 42"	18" × 42"	48"	12 × 1 ½"	2	A, B, C, D, E, F	✓

Legend:

L = Length

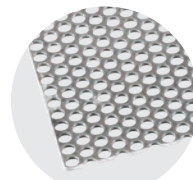
Ø = Diameter

in = Inches

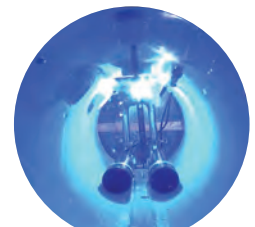
Options

- Lighting inside the base
- Ice blocking grid for manifold
- Alternation system*
- Drain valve

*Available only for models with 2 pumps



ICE BLOCKING GRID



LIGHTING

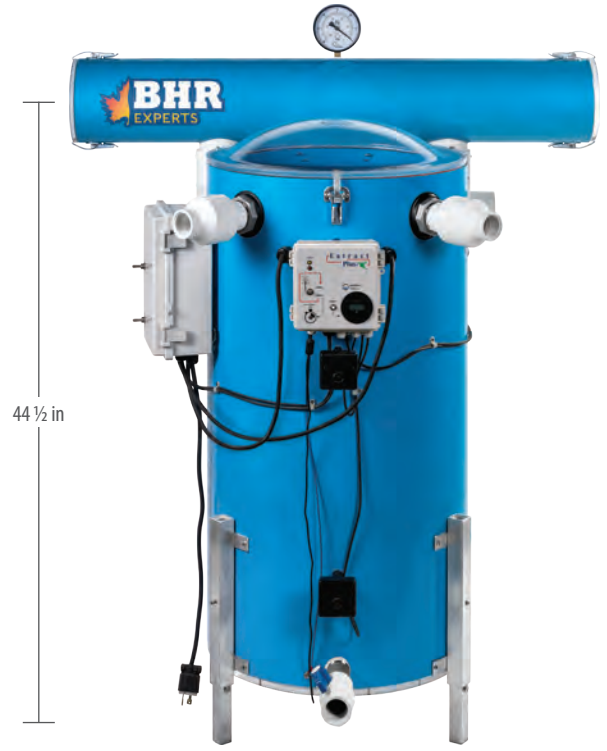
SUBMERSIBLE PUMP RELEASERS



25G01-BHR233-8F
1 PUMP + FLOAT



25G01-BHR233-M
1 PUMP + FLOAT



25G01-BHR234-M
2 PUMPS + PROBES

OUR MODELS OF VERTICAL SUBMERSIBLE PUMP RELEASER

	Tank	Manifold	Inlets		Pumps	
	Size Ø in × L in	Size Ø in × L in	Height in the center	Inlets Qty. × Ø in	Number	Type
25G01-BHR233-8F	8" × 30"	None	26"	2 × 1 1/2"	1	A or B
25G01-BHR233	12" × 36"	None	31 1/2"	3 × 1 1/2"	1 to 2	A or B or D
25G01-BHR233-M	12" × 36"	6" × 27"	39 1/2"	6 × 1 1/4"	1 to 2	A or B or D
25G01-BHR234	18" × 36"	None	36 1/2"	5 × 1 1/2"	1 to 3	A or B or D
25G01-BHR234-M	18" × 36"	6" × 42"	44 1/2"	10 × 1 1/2"	1 to 3	A or B or D
<i>Low Profile</i>						
25G01-BHR233-PB	12" × 30"	None	26"	3 × 1 1/2"	1 to 2	A or B
25G01-BHR233-PB-M	12" × 30"	6" × 27"	33"	6 × 1 1/4"	1 to 2	A or B
25G01-BHR234-PB	18" × 36"	None	30 1/2"	5 × 1 1/2"	1 to 3	A or B or D
25G01-BHR234-PB-M	18" × 36"	6" × 42"	38 1/2"	10 × 1 1/2"	1 to 3	A or B or D

Legend:

L = Length

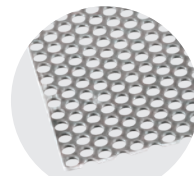
Ø = Diameter

in = Inches

Options

Ice blocking grid for manifold
Alternation system*

*Available only for models with 2 pumps and probes



ICE BLOCKING GRID

SUBMERSIBLE PUMP RELEASERS

CHOOSE YOUR Pump Starters

Two types of pump starters are available.

Float

Robust, it has a float that moves on a rod with the water level. The pump starts when the float reaches the switch and stops when it goes back down.

Probes

The electrodes sense the sap level in the tank to start or stop the pumps. They are equipped with an ice detection protection as well as a sensitivity adjustment to prevent unnecessary starting.

Stainless steel washing system piping (optional)



Horizontal releasers

CHOOSE YOUR Types of submersible pump

Six different pumps are available.

Horizontal submersible pump

- A** ¾ HP, 30 GPM
- B** ½ HP, 30 GPM
- C** 1 HP, 20 GPM
- D** 1 HP, 30 GPM
- E** 1 ½ HP, 30 GPM
- F** 1 ½ HP, 50 GPM



BOTTOM LOADING
(A, B, D PUMP)



CENTER LOADING
(C, E, F PUMP)

Vertical submersible pump

- A** ¾ HP, 30 GPM
- B** ½ HP, 30 GPM
- D** 1 HP, 30 GPM

Refer to your DSD STARS dealer to determine the right pump for your needs

Horizontal Releaser	Vertical Releaser
Pre-cut for 1 to 4 pumps	Pre-cut for 1 to 3 pumps
You can therefore add pumps according to the capacity of your releaser and according to your needs.	



INTERNAL SS 1 ¼"
Vertical releasers and some horizontal models



PITLESS
Horizontal releasers

The ingenuity of pre-drilling these release for **1 to 4 pumps** means you can keep your release and **easily** add an extra pump to suit your future needs. You can even install the pump on the left or right.

Alternation system (optional)

This system allows the pumps to be operated alternately during smaller flows and simultaneously during greater flows.

TRANSFER TANKS

TRANSFER TANKS

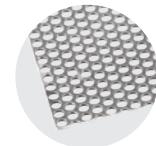
Similar to the manifold on a releaser, the transfer tank is a device that allows sap from multiple mainlines to be combined into one larger diameter mainline to reduce the amount of mainlines needed to connect the network to the pumping station. In addition, the vacuum air network connects to the device, ensuring its uniformity throughout the network.



VERTICAL TANK



HORIZONTAL TANK



ICE BLOCKING GRID

*OPTION: Available only on horizontal models

TRANSFER TANKS

	Size Ø x L	Direction	Sap inlets Qty x Ø	Sap outlet Ø	VACUUM Inlet Ø	Frame included
25D01-BHR246	6" x 12"	H	4 x 1"	1 1/2"	1 1/2"	
25D01-BHR247	6" x 18"	H	4 x 1 1/4"	1 1/2"	1 1/2"	
25D01-BHR247-S	6" x 18"	H	4 x 1 1/4"	1 1/2"	1 1/2"	✓
25D01-BHR247-2	6" x 27"	H	6 x 1 1/4"	1 1/2"	1 1/2"	
25D01-BHR247-2-S	6" x 27"	H	6 x 1 1/4"	1 1/2"	1 1/2"	✓
25D01-BHR247-3	6" x 36"	H	8 x 1 1/2"	1 1/2"	1 1/2"	
25D01-BHR247-3-S	6" x 36"	H	8 x 1 1/2"	1 1/2"	1 1/2"	✓
25D01-BHR256	6" x 42"	H	10 x 1 1/2"	1 1/2"	1 1/2"	
25D01-BHR256-S	6" x 42"	H	10 x 1 1/2"	1 1/2"	1 1/2"	✓
25D01-BHR249-2	8" x 27"	H	6 x 1 1/4"	1 1/2"	1 1/2"	
25D01-BHR249-2-S	8" x 27"	H	6 x 1 1/4"	1 1/2"	1 1/2"	✓
25D01-BHR258	8" x 42"	H	10 x 1 1/2"	1 1/2"	1 1/2"	
25D01-BHR258-S	8" x 42"	H	10 x 1 1/2"	1 1/2"	1 1/2"	✓
25D01-BHR248	12" x 18"	H	4 x 1 1/4"	1 1/2"	1 1/2"	
25D01-BHR248-S	12" x 18"	H	4 x 1 1/4"	1 1/2"	1 1/2"	✓
25D01-BHR250-2	12" x 24"	H	6 x 1 1/4"	1 1/2"	1 1/2"	
25D01-BHR250-2-S	12" x 24"	H	6 x 1 1/4"	1 1/2"	1 1/2"	✓
25D01-BHR253-2	18" x 24"	H	6 x 1 1/4"	2"	2"	
25D01-BHR253-2-S	18" x 24"	H	6 x 1 1/4"	2"	2"	✓
25D01-BHR253-3	18" x 36"	H	8 x 1 1/2"	2"	2"	
25D01-BHR253-3-S	18" x 36"	H	8 x 1 1/2"	2"	2"	✓
25D01-BHR253-4	18" x 48"	H	10 x 1 1/2"	2"	2"	
25D01-BHR254-4-S	18" x 48"	H	10 x 1 1/2"	2"	2"	✓
25D01-BHR248-3	12" x 18"	V	4 x 1 1/4"	1 1/2"	1 1/2"	NA
25D01-BHR250	12" x 24"	V	4 x 1 1/4"	1 1/2"	1 1/2"	NA
25D01-BHR252	12" x 36"	V	4 x 1 1/4"	1 1/2"	1 1/2"	NA

Legend:

L = Length

Ø = Diameter

in = Inches

NA = Not available



WATER TRAPS

WATER TRAPS

The water trap is a box that is installed between the releaser and the vacuum pump. It's equipped with an emergency stop switch to protect the vacuum pump. The switch cuts power to the pump motor when water collects inside the trap due to a failure of the releaser, preventing water from reaching your pump and causing damage.



25F01-BHR507-D



25F01-BHR506

WATER TRAPS

	Description	Size Ø x L
25F01-BHR505E	Water trap with emergency stop button. Includes a 100-micron envelope.	8" x 27"
25F01-BHR507-D	Electrical water trap with foam .	10" x 24"
25F01-BHR506	Water trap with emergency stop button Includes a 100-micron envelope.	12" x 24"

Legend:

L = Length

Ø = Diameter

in = Inches



Horizontal Submersible pump releasers



Transfer tank



High Performante Water and Vapor Trap
The most efficient on the market

PROTECTS all vacuum pumps

On dairy farms:

when cleaning with boiling water, the WÔ vap! recovers water vapors and milk fat; preventing contamination of the vacuum pump oil.

WÔ vap! is the solution to reduce the costs of oil changes, filter, labor and pollution.

Maple syrup production:

the WÔ vap! replaces water traps and protects vacuum pumps. Indispensable for maximum production without restrictions.



**VAPOR
AND WATER
RECUPERATOR
ESSENTIAL FOR
ALL VACUUM
PUMPS**

Water and vapor traps

Diameter of tanks	Valves	In (releaser)	Out (vacuum)	
8"	manual valves	2"	2"	25R01-08
8"	electric valves - automated - contact	2"	2"	25R03-08
12"	manual valves	3"	3"	25R01-12
12"	electric valves - automated - contact	3"	3"	25R03-12



Vacuum Gauges

Indicate the possibility of the resistance between the inlet and the outlet

4 levels of protection

- 1) in the tank from the inlet
- 2) in the tank from the outlet
- 3) in the inlet section
- 4) float between inlet and outlet

100 Microns Filter on primary inlet

2 drainable water tanks without vacuum loss

(optional) External filter 100 Microns

To be used when lots of dirt and contaminants are present

Patent Pending PCT

REVERSE SLOPE RELEASESERS

REVERSE SLOPE RELEASESERS

Used when there is a reverse slope, the reverse slope releaser can send the sap up to a maximum height of 20 feet depending on the vacuum. It must be installed with two pipes, one for air and one for sap, so that during the release, the vacuum is found in the sap inlet manifold. This system greatly reduces the recoil effect.

25C01-BHR212-PS01



REVERSE SLOPE RELEASESERS WITH SOLAR PANEL AND CONTROL BOX

	Capacity Taps	Tank		Manifold Size Ø in x L in	Inlets	
		Size Ø in x L in	Tanks		Height in the center	Inlets Qty. x Ø
25C01-BHR212-PS01	500	8" x 16"	Single	6" x 18"	18"	4 x 1"
25C01-BHR212-PS02	1000	12" x 18"	Single	8" x 16"	21"	4 x 1"
25C01-BHR212-PS03	1500	12" x 18"	Single	8" x 27"	21"	6 x 1 ¼"

Legend: L = Length Ø = Diameter in = Inches



25C01-BHR212-NV1

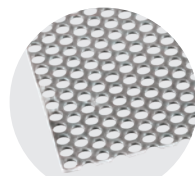
REVERSE SLOPE RELEASESERS

	Capacity Taps	Tank		Manifold Size Ø in x L in	Inlets	
		Size Ø in x L in	Tanks		Height in the center	Inlets Qty. x Ø
25C01-BHR212-NV1	400	10" x 18"	Single	6" x 18"	21"	4 x 1 ¼"
25C01-BHR212-NV	800	12" x 18"	Single	8" x 16"	21"	4 x 1 ¼"
25C01-BHR214-NV	2500	12" x 18"	Double	8" x 27"	21"	6 x 1 ¼"

Legend: L = Length Ø = Diameter in = Inches

Option

Ice blocking grid for manifold



ICE BLOCKING GRID



25C01-BHR214-NV

ACCESSORIES BHR EXPERTS



MEMBRANE STORAGE VESSEL

65Z01-BHR255

Size
36"



TANK FLOAT

TANK FLOATS

	Size
25I01-BHR432-36	36"
25I01-BHR432-48	48"
25I01-BHR432-60	60"
25I01-BHR432-72	72"

RELEASER SUPPORT FOR TANK

Maximum size: 1" x 5'



25I01-BHR718-1



25I01-BHR718-2



25I01-BHR718-3

MEMBRANE STORAGE VESSEL

EMERGENCY STOP SYSTEM

NEW PRODUCT

This system is designed to prevent damage to the vacuum pump during a power failure or maple sap overflow at your releaser.

HIGHLY RECOMMENDED

ON ALL ELECTRIC RELEASES AND SUBMERSIBLE PUMP RELEASES

For horizontal releaser

25I01-URG150-01

25I01-URG200-01

For vertical releaser

25I01-UR150-02

25I01-UR200-02



Installation on a vertical releaser (inside view)



Installation on a horizontal releaser (inside view)



Horizontal Releaser

COMPLETE DRAIN VALVE

For horizontal submersible pump releasers.

25I01-BHR718-1	for BHR212 and BHR212-NV1 series
25I01-BHR718-2	for BHR225 and BHR227 series
25I01-BHR718-3	for BHR233 and BHR234 series



25I01-BHR718-4

COMPLETE DRAINAGE VALVE KIT

25I01-BHR718-4	for BHR225, BHR227, BHR233 and BHR234 series
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PRESSURE REGULATOR

25I03-BHR312

