HYVAC PRODUCTS, INC.

HYVAC Liquid Nitrogen Cold Traps

ID/OD 304 stainless steel construction. -187 Degree F tempertures.

The 1 Liter Trap lasts roughly 12 hours. The 2 Liter about 20 hrs when run at 0-50 micron. Higher pressure operation decrease life span of LN2 charge. These are provided as a rough rule of thumb and are not exact.

When used in line with a rotary vane or small diffusion pump, complete trapping of water vapor, solvents and other condensable gases is achieved, as well as a lower base vacuum. These traps have also been used on diffusion pumping systems to minimize oil vapor migration from the roughing pump to the diffusion pump. The primary use though, is as a foreline trap for getting condensable vapors out of the gas stream so they do not enter the vacuum pump and degrade the foreline pressure of the pump through contamination.

It is important when using these traps to maintain the level of the liquid nitrogen at the correct level in the trap.

HyVac's traps come with a number of nice features. Demountable liquid nitrogen reservoir for easy cleaning, 3 point support brackets, NW16 option port, electro-polished

2L Liquid Nitrogen Trap
Inline NW50 Flanges

2L Trap Dewars Flask

Dewars Flask to hold LN2

Trap

Mounting Braket

Sealing Clamp

Sealing Ring

View From The Top LN2 Trap

Trap Assembly

2L Angle Trap

2L LN2 Inline

1 Liter Inline Port Cold Trap

Ports	Catalog No.	Price
NW25	34000-000	$1190.00
NW40	34000-001	$1216.00
CF 275	34000-002	$1265.00

1L Replacement Reservoir O-Ring

Type	Catalog No.	Price
Fluoro(Standard)	34000-000-A	$15.50
Buna	34000-000-B	$10.00

2 Liter Inline Port Cold Trap

Ports	Catalog No.	Price
NW25	34100-000	$1411.00
NW40	34100-001	$1411.00
NW50	34100-001-50	$1149.00
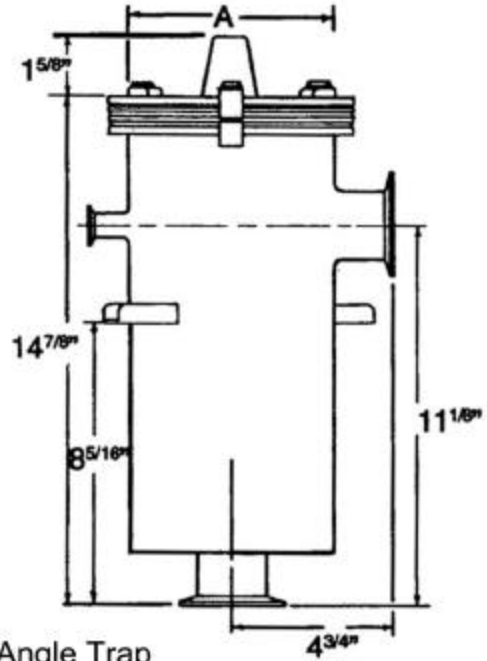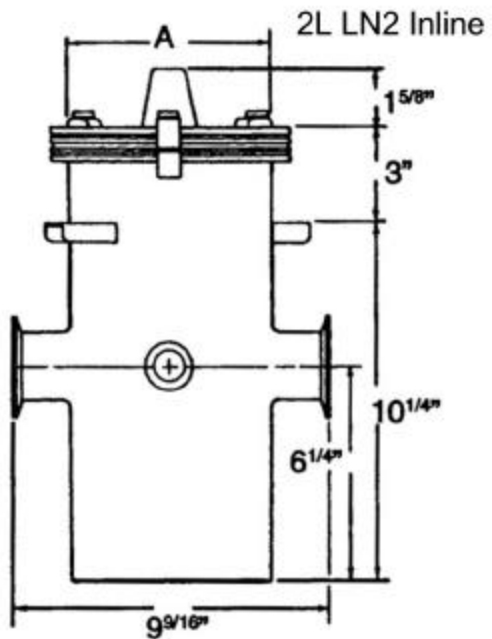
2L Replacement Reservoir O-Ring

Type	Catalog No.	Price
Fluoro(Standard)	34100-000-A	$16.50
Buna	34100-000-B	$13.00

5 Liter and Angle Traps Available

We have all the QF / NW fittings to hook this up to your system also.