

Cryogenic Freezer Manifold

Description: These manifolds are designed specifically to supply liquid nitrogen to freezers. The manifolds have safety relief valves to prevent the pipe from rupturing if liquid nitrogen becomes entrapped between the shut-off valve and the freezer solenoid valve.

The header is made from ½" XHVY brass pipe. The safety reliefs valves are extended to a height to ensure they do not become encased in ice if the manifold developed an ice coating on the outside.

Some manifolds are complete with cryogenic hoses to connect to the freezer. Please refer to ordering information.

Specifications	
Headers	½" XHvy brass pipe
Safety Relief Valve Setting	75 psig
Inlet	CGA 295 female swivel
Outlet to Freezer	CGA 295 male



Available Options		
Product Number	Description	Connection Hoses to Freezer
Y15-LS1FZ1PT	One N2 Dewar Source x One Freezer Includes 6 ft hose	Yes
Y15-LS1FZ1	One N2 Dewar Source x One Freezer	No
Y15 LS1FZ1PS	One N2 Dewar Source x One Freezer w/(1)Liquid N2 Withdrawal Port CGA 295	Yes
Y15-LS1FZ2DWR	Two N2 Dewar Source x One Freezer	Yes
Y15-LS1FZ2DWR1PS	Two N2 Dewar Source x One Freezer w/(1)Liquid N2 Withdrawal Port CGA 295	Yes
Y15-LS1FZ2DWR	Two N2 Dewar Source x One Freezer	Yes
Y15 LS2FZ1DWR	One Liquid N2 Dewar Source x Two Freezers	Yes
Y15 LS3FZ2DWR	Two Liquid N2 Dewar Source x Three Freezers	Yes
Y15 LS4FZ1DWR	One Liquid N2 Dewar Source x Four Freezers	No
Y15 LS295R	CGA 295 Relief Assembly	N/A
Y15 LSCR250	Cryogenic Relief Valve Assembly with Candy Cane Tubing	N/A
Y15 LSX2V1R	Liquid N2 splitter mini manifold, (2) outlets and relief valve with one inlet CGA 295	No