

CRYOGENIC HEADER MANIFOLDS

FOR FREEZER AND OTHER APPLICATIONS



Harris cryogenic header manifolds are designed specifically to supply liquid nitrogen to freezers. The manifolds have cryogenic service safety relief valves to prevent the pipe failure if liquid nitrogen becomes trapped between shut-off valve and the freezer solenoid valves.

The header is made from 3/8" brass pipe. The safety relief valves are extended to a height ensuring they do not become encased in ice if manifold develops exterior ice coating. Manifolds come complete with cryogenic hoses, cryo check valves, and 295 adapters. All manifolds come standard with wall mounting hardware.

In addition, the 2, 3, and 4 Dewar cylinder models come with an optional dispensing hose equipped with a phase separator.

SPECIFICATIONS

Header

3/8" extra heavy brass pipe

Safety Relief Valve Setting

75 PSIG

Inlet Connection

CGA 295 Female swivel

Output Connection

CGA 295 Male

ORDERING INFORMATION

PART NO.	DESCRIPTION	CONNECTION HOSES TO FREEZER
4703009	Two N ₂ Dewar source x one freezer	Yes
4703012	Two N ₂ Dewar source x one freezer w /one Liquid N ₂ withdrawal port CGA 295	Yes
4703010	Three N ₂ Dewar source x one freezer	Yes
4703011	Four N ₂ Dewar source x one freezer	Yes
4703013	Three N ₂ Dewar source x one freezer w/one Liquid N ₂ withdrawal port CGA 295	Yes
9030266	Phase Separator	
9030139	Nut, 1/2 x 3/8 Flare Male NPT Brass	
9030146	Hose, Cryo,6',CGA 295 Ends*	
9030261	Hose, 6'Oal CGA295 CFCL VJ Transfer, Vacuum Jacketed Transfer Line, 3/8" ID non-braided inner hose, 1.50" OD Braided Outer Jacket, 159 PSI MAWP, Super Insulation, SV-9 Pump-out Port & Plug with Protective Guard, CGA 295 Female Flare Each End*	

* other length hoses available