



MVE Tech Tips



November, 2006

HL-120/HL-190 Low Pressure Kit

All HL-120 and HL-190 models are manufactured with a 100psi relief valve. If end users require a 50psi working pressure, the 100psi relief valve can be swapped for a 50psi relief valve. The primary relief valve can legally be lowered as long as it remains higher than lower than the road relief valve pressure setting, then a back pressure regulator is required.

In order to facilitate the need for filling atmospheric dewars, we have created a kit P/N 13394192 which replaces the 22psi road relief valve with a 0-30psi back pressure regulator allowing for liquid flow into Al dewars with minimal flash loss.

Both units are outfitted with the same plumbing assembly, consisting of dual relief valves, dual fill valves, and single road relief valves. They have a maximum operating pressure of 100psi and are designed to meet ASME specifications. List prices on these units are outlined below.

Name	Part number	List Price
HL-120	11818705	\$9000.00
HL-190	11814721	\$14000.00

Service Kits

O2	11830211	\$275.00
LN2	11830237	\$275.00

Accessory Kits

Vent Kit	11864277	\$280.00
Mounting Kit	10591449	\$280.00
Low pressure kit	13394192	\$182.00

Kits can be used for either 120 or 190

Adaptors

Adaptor 1" to 5/8 ODT	5518422	\$50.00	O2
Adaptor 1" to 1/2 OD	5510562	\$50.00	LN2

These are included in their respective service kits.

Discharge Device

Prior to installing any discharge device it is imperative that the I.D. of the neck tube be wiped clean. Removal of ice particles and condensation ensure proper seating of the rubber stopper, allowing for a rapid buildup of pressure. Failure to do so may cause the stopper to leak, preventing effective LN2 transfer. Additionally, the safety cable must be attached when operating the device to ensure user safety. See manual for proper operation or contact tech service for any questions.

Data Logger Warranty

All data loggers carry a 90-day warranty. This warranty is in effect for both stand-alone data loggers and those mounted to a cover. Repairs such as battery replacement and calibration also carry a 90-day warranty from time of return of repair.

In Stock Freezer Specials

(Check with Customer Service to verify availability)
(1-2 weeks required to properly prepare units for shipment)

Part #	Description	Serial Number	Condition	Quantity	Sales Price
11004373R	MVE 230 F-GB-BB	CUDE00J102	Good - Few Scratches	1	3,600
11905067R	MVE 511 Gen2 F	CDDB04J112	Good - Few Scratches	1	4,500
11905016R	MVE 511 Gen2	CDDB05A106	Good - Few Scratches	1	2,900
11499661R	MVE 600 F	CEDJ04D101	Inner Scratched - Test Bands	1	6,000
11499783R	MVE 600 FD-GB-BB	CEVB01H110	Lid Scratched	1	6,000
10763829R	MVE 1200 F	CEPE03F102	New - Few Scratches	1	5,500
10763829R	MVE 1200 F	CEPE03F106	New - Few Scratches	1	5,500
10763829R	MVE 1200 F	CEPE03F103	New - Few Scratches	1	5,500
10763829R	MVE 1200 F	CEPE03E104	New - Few Scratches	1	5,500
10763829R	MVE 1200 F	CEPE03F101	New - Few Scratches	1	5,500
11655272R	MVE 1411 F	CVFL05F105 or 106	Fair - Few Scratches	1	5,500
11003881R	Bio 1 w/Auto Fill	CEUF03B103	Good - Few Scratches	1	3,000
11721330R	Kryo Control Rate	13932 (RMA653095)		1	3,000
11721330R	Kryo Control Rate	(RMA640953)		1	3,000
10980663R	CC/Thermo 50 LP			1	900
10980671R	CC 35 LP			1	900
10980671R	CC 35 LP			1	900
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