

# LOSSLESS AIRLOCKS

Datasheet

## Airlocks and Hatches

Lossless Airlocks offer a range of airlocks and hatches that operate with almost no loss of atmosphere during operation. These products are available in a range of sizes. Airlocks provide an interface between two volumes regardless of atmospheric and pressure conditions in each. Hatches provide an interface between volumes that have identical pressure conditions. The inner diameter of an airlock or hatch is 95% of the specified outer diameter. The end closures of an airlock form a flat covering that swing to open. Each hatch features a mechanical iris as its opening mechanism.

### Airlock Specifications

---

Part ID	Max. Capacity	Outer Diameter	Length	Unit Cost
LA-A06-01	1 person(s)	1.5m	2.2m	\$6000
LA-A06-03	3 person(s)	3.0m	3.2m	\$20000
LA-A06-10	10 person(s)	4.5m	5.0m	\$60000
LA-A05-01	1 CASSC(s)	7.5m	11.5m	\$160000

### Hatch Specifications

---

Part ID	Max. Capacity	Outer Diameter	Length	Unit Cost
LA-H02-01	1 person(s)	1.5m	0.6m	\$1500
LA-H02-03	3 person(s)	3.0m	0.8m	\$5000
LA-H02-10	10 person(s)	4.5m	1.3m	\$12000