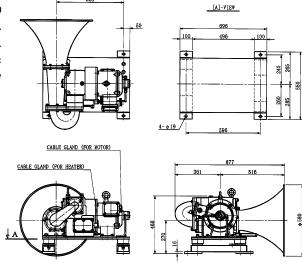
Vessel length overall 75m to 200m



Piston Horn

MH550H Piston horn is electrically driven, and employs a motor to drive reciprocating piston mechanism to produce a powerful tone. The motor is only operated on blowing for low power consumption. MH550H is just required electrical wiring without pneumatic connections for installation on the foremast. Heater and snow guard are available for use in cold area.



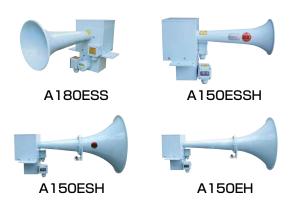


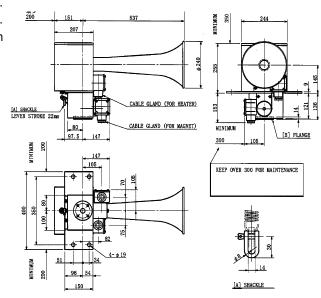
	Model	Protection Type approval Freque		Frequency	Sound level	Voltage		Length	Horn dia.	Weight	Code No.
		degree	number	(Hz)	Sound level	Motor	Heater	(mm)	(mm)	(kg)	Code No.
	MH550	IDEC	1088	135	138dB/Over 1m	AC220V 3φ 18.6A AC440V 3φ 9.3A AC100/220V	40100/0001/	877	580	167	A08040006
	MH550-H(Heater)	IP56					AC100/220V			176	A08040005

Air Horn

Air horn employs a diaphragm driven by compressed-air. Operation is controlled either manually or via a solenoid. Diaphragm is adapted a new material for low air consumption and extremely long life.

Heater and snow guard are available for use in cold area.





Model	Protection	Type approval	Frequency	Sound level	Voltage		Air Le	Length	Horn dia.	Weight	Code No.
Monei	degree	number	(Hz)	Souliu level	Solenoid	Heater	(L/s)	(mm)	(mm)	(kg)	Gode No.
A180ESS		_	180		AC100V 1φ 0.2A AC220V 1φ 0.1A DC24V 0.8A		35	838	400	25.0	A080100001
A180ESSH(Heater)	IP56	_	100					889		31.0	A080100002
A150ESS		1473	200					655	240	19.5	A080100003
A150ESSH(Heater)		1474						688		25.0	A080100004
A150ES		1498	165				40	963	580	31.0	A080100005
A150ESH(Heater)		1499	100					984		36.5	A080100006
A150E		1470	135					1127		32.0	A080100007
A150EH(Heater)		1471	135					1148		37.5	A080100008

Anti-vibration mount (Option)

Anti vibration rubber mount reduce the vibration transmission to the rest of ship's hull.

