

M40 Ambient conditions – Temperatures

(1981)

M40.1 The ambient conditions specified under M40.2 are to be applied to the layout, selection and arrangement of all shipboard machinery, equipment and appliances as to ensure proper operation.

M40.2 Temperatures

Air

| Installations, components | Location, arrangement | Temperature range (°C) |
|---|---|--|
| Machinery and electrical installations ¹ | In enclosed spaces | 0 to +45 ² |
| | On machinery components, boilers, In spaces subject to higher and lower temperatures | According to specific local conditions |
| | On the open deck | -25 to +45 ² |

Water

| Coolant | Temperature (°C) |
|---|--------------------------------|
| Seawater Charge air coolant inlet to charge air cooler | +32 ² see UR M28 |

NOTES

1. Electronic appliances are to be suitable for proper operation even with an air temperature of +55°C.
2. The Classification Society may approve other temperatures in the case of ships not intended for unrestricted service.

