

### C.2.3 30-cm CH and 30-cm CHC performance specifications

The following table lists the performance specifications for the 30-cm CH and 30-cm CHC module operating with the passive preheater.

Item	Specification
Settable temperature range	30-cm CH: 20.0 to 65.0 °C, in 0.1 °C increments 30-cm CHC: 4.0 to 65.0 °C, in 0.1 °C increments
Controllable temperature range	30-cm CH: (Ambient +5 °C) to 65.0 °C 30-cm CHC: (Ambient –15 °C) to 65.0 °C
Column compartment heat time	30-cm CH: (Ambient +5 °C) to 65.0 °C ≤ 15 min 30-cm CHC: (Ambient –15 °C) to 65.0 °C ≤ 15 min
Column compartment cool time	30-cm CHC: 65.0 °C to 20 °C ≤ 15 min
Temperature accuracy	±0.5 °C at sensor Test qualification: The temperature measured by a NIST-traceable probe located next to the measurement sensor must fall within this specification.
Solvent conditioning	Passive preheating
Leak control	Compartment drip tray installs under valve, if applicable. 30-cm CHC has additional condensate drain. Single exit drain manages leaks to waste.
Door open to heater cutoff delay	1-minute maximum

### C.2.4 CH-30A performance specifications

Item	Specification
Settable temperature range	20.0 to 90.0 °C, in 0.1 °C increments
Controllable temperature range	(Ambient + 5.0 °C) to 90.0 °C
Temperature accuracy <sup>a</sup>	±0.5 °C at sensor Test qualification: The temperature measured by a NIST-traceable probe located next to the measurement sensor must fall within this specification.
Temperature stability <sup>a</sup>	±0.3 °C at sensor
Solvent conditioning	Active preheating
Leak control	Compartment drip tray with leak sensor installed under compartment; single exit drain manages leaks to waste
Door open to heater cutoff delay	1-minute maximum