



SMALL WATER COOLED CHILLER

Small Water Cooled Chiller - ToronChill™ Nu Series

ToronChill™ Nu Series is a Small Water Cooled Chiller designed to remove heat using an external cooling-water source. It is a strong fit for facilities with a cooling-water pipe network or cooling tower, where low noise and minimal heat discharge into the room matter.

Built for dependable industrial cooling, the Nu Series uses a stainless-steel reservoir and multi-stage centrifugal stainless-steel pump options, with easy front access for service. Optional PID temperature control helps support stable outlet temperatures for sensitive processes and instruments.

APPLICATIONS

Small Water Cooled Chiller - ToronChill™ Nu Series Applications

- Laboratory instruments cooling: Supports stable water temperature for heat-generating lab equipment and test systems.
- Facilities with cooling towers or chilled-water networks: Ideal when you already have plant cooling water and want lower noise with no hot air exhaust to the room.
- General equipment cooling in industry: Covers a wide range of cooling capacities for varied industrial loads, depending on model.



FEATURES

Small Water Cooled Chiller - ToronChill™ Nu Series Key Features

- Top-mounted stainless-steel reservoir: Easier cleaning and better durability for long service life.
- Stainless steel pumping and plumbing options: Multi-stage centrifugal stainless-steel pump with stainless steel or PPR pipeline choices.
- Service-friendly structure: Detachable panels simplify maintenance and reduce downtime.
- Simple controller interface: Microcomputer light-touch operation with dual-parameter digital display for straightforward monitoring.
- Multi-layer protection: Includes protections related to compressor overheating, overcurrent, high/low pressure, phase sequence, phase loss, and exhaust overheating.
- Optional PID temperature controller: Supports temperature stability down to $\pm 0.1^{\circ}\text{C}$ (optional, depending on configuration).
- Optional water-quality filtration: PP cotton filter and resin ion filter options help reduce scaling risk in circulation pipelines.

TECHNICAL SPECIFICATIONS

Small Water Cooled Chiller - ToronChill™ Nu Series Technical Specifications

Room Temperature High-Stability Chiller (ToronChill™ N**s)

- Temperature Range: 5–40°C
- Temperature Stability: $\pm 0.1^{\circ}\text{C}$ (N01s–N15s); $\pm 0.2^{\circ}\text{C}$ (N18s–N30s)

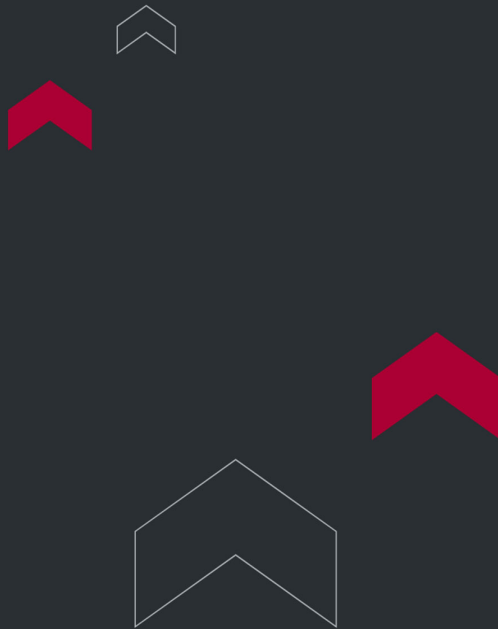
Model	Cooling Capacity (W @25°C)	Max Flow (L/min)	Max Pressure (bar)	Reservoir (L)	Overall Dimensions (W×D×H, mm)
ToronChill™ N01s	1300	40	3.6	12	380×750×812
ToronChill™ N02s	1800	40	3.6	12	380×750×812
ToronChill™ N03s	2600	40	3.6	12	380×750×812
ToronChill™ N04s	3600	40	4.2	12	380×750×812
ToronChill™ N06s	5600	40	4.2	33	430×880×960
ToronChill™ N08s	8000	40	4.2	33	430×880×960
ToronChill™ N10s	10000	110	3.6	33	430×880×960
ToronChill™ N15s	15000	110	3.6	33	430×880×960
ToronChill™ N18s	18000	110	3.6	33	580×880×1052
ToronChill™ N24s	24000	110	3.6	33	430×880×860
ToronChill™ N30s	30000	110	3.6	33	430×880×860

Room Temperature Pure Water High-Stability Chiller (ToronChill™ N**p)

- Temperature Range: 5-40°C
- Temperature Stability: ±0.1°C

Model	Cooling Capacity (W @25°C)	Max Flow (L/min)	Max Pressure (bar)	Reservoir (L)	Overall Dimensions (W×D×H, mm)
ToronChill™ N01p	1300	40	3.6	12	380×750×812
ToronChill™ N02p	1800	40	3.6	12	380×750×812
ToronChill™ N03p	2600	40	3.6	12	380×750×812
ToronChill™ N04p	3600	40	4.2	12	380×750×812

Model	Cooling Capacity (W @25°C)	Max Flow (L/min)	Max Pressure (bar)	Reservoir (L)	Overall Dimensions (W×D×H, mm)
ToronChill™ N06p	5600	40	4.2	33	430×880×960
ToronChill™ N08p	8000	40	4.2	33	430×880×960
ToronChill™ N10p	10000	110	3.6	33	430×880×960
ToronChill™ N15p	15000	110	3.6	33	430×880×960
ToronChill™ N18p	15000	110	3.6	33	580×880×1052
ToronChill™ N24p	15000	110	3.6	33	430×880×860
ToronChill™ N30p	15000	110	3.6	33	430×880×860



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