Noritz Commercial Advantage

Modular
The Noritz modular system is based on a single self-contained, interchangeable unit that can combine and communicate with like units to meet any hot water demand.

Multi-System
Noritz units can be linked together with a single system controller, up to 24 units. This allows outputs of 9.1 million Btuh and 316 gallons per minute.

Modulation
Noritz fully modulating technology can track any hot water demand with pinpoint accuracy, only using the energy necessary to heat the water that is used.

Intelligent System
In a multi-system setup, the Noritz commercial units will communicate with one another and work in unison to even out the load on each individual unit, maximizing output and system life. With the ability to modulate between multiple units with the use of a system controller makes Noritz commercial water heaters the most efficient water heating system on the market today.

Advantages

• Redundancy
Any one of the Noritz commercial units on a multi-system can be taken offline and serviced without compromising your business. Hot water will still be provided by the other units.

• Efficiency
Because of the modulating technology, a Noritz commercial system heats water using only the energy necessary to meet the demand, reducing energy consumption significantly and saving on water heating costs.

• Versatile Installation
Noritz commercial units can be installed indoor or outdoor and because of its size and weight, they can be wall hung or racked, making spaces once thought impossible, possible.

Fully Modulating Burner
Noritz’s fully modulating burner technology is the most precise and efficient method of heating high fluctuating demands of water.

Single Unit          24 Units (Modular)
23 : 1 Turndown Ratio 545 : 1 Turndown Ratio
11,000–250,000 BTU Range 11,000–6 Million BTU Range

(Specs based on NC250 model)
NC380-SV-ASME

1. Commercial-Grade Heat Exchanger
2. Stainless Steel Venting
3. Dual-Flame Burner
4. Full Diagnostic
5. Small Size Indoor/Outdoor
6. Stainless Steel Casing
7. Endless Hot Water

Full 5-Year Warranty

Noritz NC380-SV-ASME vs. 100-199

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Flow</th>
<th>BTU Input</th>
<th>40°</th>
<th>50°</th>
<th>60°</th>
<th>70°</th>
<th>80°</th>
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<th>110°</th>
<th>120°</th>
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<td>NC380-SV-ASME</td>
<td>GPH</td>
<td>380000</td>
<td>792</td>
<td>750</td>
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<td>468</td>
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<td>199</td>
<td>178</td>
<td>166</td>
<td>150</td>
<td>139</td>
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</tbody>
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NC380-SV-ASME

1. Commercial grade heat exchanger: Increased level of efficiency, stabilizing temperature and boosting performance for long life under heavy use.
2. Stainless steel venting is durable and high strength and corrosion resistant.
3. Fully modulating burner: Increased level of efficiency, stabilizing temperature fluctuations and boosting the performance of the flow rate.
4. Full diagnostics for easy maintenance and repair. Most parts of the heater can be replaced and are plug and play for quick repairs.
5. Small size: Noritz heaters take up less than 3 square feet of space and can be installed inside or outside on walls or racks.
6. Stainless steel casing: allows Noritz units to be cleaned and sanitized and protected from its surroundings. NSF Approved
7. Endless supply of hot water. Noritz heaters can meet the demand of application and will never run out of hot water.

100-199

1. Steel Tank Glass Lining Anode Rods
2. No Stainless Steel Venting
3. Antiquated, Inefficient Atmospheric Burner
4. No/ Limited Diagnostic
5. Large, Cumbersome Indoor Only
6. Steel Jacket Corrosion
7. Limited Hot Water

Steel tank with glass lining and anode rods: The glass lining can be easily broken in transportation or installation. The anode rods harbor scale formation within the tank.
No stainless steel: This can amount to rust and deterioration of the venting.
Antiquated, inefficient atmospheric burner: does not supply a stable flame to heat the water which creates a long recovery time.
No or limited diagnostic: the heater cannot be maintained and will give no warning to system failures. Limited parts can be replaced. When the tank breaks, the entire heater must be replaced.
Large size: the tank heater takes up more than 9 square feet of floor space and can only be installed inside.
Steel jacket corrosion can shorten the life of the heater. The large tank heater casing can deteriorate in harsh commercial installations. Not NSF approved for kitchen installation.
Limited hot water with long recovery times.
NC380 ASME Series
max temp setting: 180°
temp settings: 100-180°
0.7 min gpm- 13.2 max gpm
534 GPH at 70° temperature rise
- NSF & ASME certified
- stainless steel casing
- 2-unit quick-connect
- up to 24-unit multi-system

Dimensions: 29.7” (H) x 19.1” (W) x 11.8” (Depth)
Weight: 105 lbs.
Gas Consumption
NG: Max. 380,000 Btuh- Min. 22,500 Btu
LP: Max. 380,000 Btuh- Min. 22,500 Btu
Capacity Range: 0.7-13.2 Gal./min.
Thermal Efficiency: 80% (NG), 84% (LP)
Temperature Outputs: 100-150°F (in 5°F Intervals), 160, 170, 181.4°F
Included Accessories: Remote Control & Cord, Anchoring Screws

NC250 ASME Series
max temp setting: 180°
temp settings: 100-180°
0.5 min gpm- 11.1 max gpm
360 GPH at 70° temperature rise
- NSF & ASME certified
- stainless steel casing
- 2-unit quick-connect
- up to 24-unit multi-system

Dimensions: 24.4” (H) x 18.4” (W) x 9.4” (Depth)
Weight: 62 lbs.
Gas Consumption
NG: Max. 250,000 Btuh- Min. 11,000 Btu
LP: Max. 250,000 Btuh- Min. 11,000 Btu
Capacity Range: 0.5-11.1 Gal./min.
Thermal Efficiency: 84%
Temperature Outputs: 100-150°F (in 5°F Intervals), 160, 170, 181.4°F
Included Accessories: Remote Control & Cord, Anchoring Screws

NCC199 Series
Condensing
max temp setting: 180°
temp settings: 100-180°
0.5 min gpm- 11.1 max gpm
318 GPH at 70° temperature rise
- stainless steel casing
- 2-unit quick-connect
- up to 24-unit multi-system

Dimensions: SV Unit: 24.2” (H) x 18.3” (W) x 9.4” (Depth)
DV Unit: 24.4” (H) x 18.4” (W) x 9.4” (Depth)
Weight: 73 lbs.
Gas Consumption
NG: Max. 199,900 Btuh- Min. 11,000 Btu
LP: Max. 199,900 Btuh- Min. 11,000 Btu
Capacity Range: 0.5-11.1 Gal./min.
Thermal Efficiency: 93%
Temperature Outputs: 100-150°F (in 5°F Intervals), 160, 170, 181.4°F
Included Accessories: Remote Control & Cord, Anchoring Screws, Condensate Neutralizer

NC199 Series
max temp setting: 180°
temp settings: 100-180°
0.5 min gpm- 9.8 max gpm
288 GPH at 70° temperature rise
- stainless steel casing
- 2-unit quick-connect
- up to 6-unit multi-system

Dimensions: DVC Unit: 23.6” (H) x 13.8” (W) x 9.4” (Depth)
OD Unit: 23.6” (H) x 13.8” (W) x 10.2” (Depth)
Weight: DVC Unit: 55 lbs. OD Unit: 47 lbs.
NC199-DVC
NG: Max. 199,900 Btuh- Min. 11,000 Btu
Gas Consumption
LP: Max. 199,900 Btuh- Min. 11,000 Btu
Capacity Range: 0.5-9.8 Gal./min.
Thermal Efficiency: 84%
Temperature Outputs: 100-150°F (in 5°F Intervals), 160, 170, 181.4°F
Included Accessories: Remote Control & Cord, Anchoring Screws

**Model Number** | **Flow** | **BTU Input** | **40°** | **50°** | **60°** | **70°** | **80°** | **90°** | **100°** | **110°** | **120°** | **130°**
---|---|---|---|---|---|---|---|---|---|---|---|---|---|---
NC380-SV-ASME | GP H | 380,000 | 792 | 750 | 624 | 534 | 468 | 414 | 372 | 342 | 312 | 288 | 5.7 | 5.2 | 4.8
| GP M | 380,000 | 792 | 750 | 624 | 534 | 468 | 414 | 372 | 342 | 312 | 288 | 5.7 | 5.2 | 4.8
NC250-DV-ASME | GP H | 250,000 | 630 | 504 | 420 | 360 | 318 | 282 | 252 | 228 | 200 | 174 | 3.8 | 3.5 | 3.2
| GP M | 250,000 | 630 | 504 | 420 | 360 | 318 | 282 | 252 | 228 | 200 | 174 | 3.8 | 3.5 | 3.2
NCC199-DV | GP H | 199,900 | 558 | 444 | 372 | 338 | 276 | 246 | 222 | 204 | 186 | 174 | 3.4 | 3.1 | 2.9
| GP M | 199,900 | 558 | 444 | 372 | 338 | 276 | 246 | 222 | 204 | 186 | 174 | 3.4 | 3.1 | 2.9
NC199-DVC | GP H | 199,900 | 504 | 402 | 336 | 288 | 252 | 222 | 204 | 186 | 168 | 156 | 3.05 | 2.8 | 2.6
| GP M | 199,900 | 504 | 402 | 336 | 288 | 252 | 222 | 204 | 186 | 168 | 156 | 3.05 | 2.8 | 2.6

www.noritz.com/commercial
Showroom Locations
Toll Free: (877) 511-4328