SERVICE & SUPPORT

We believe that the best way to ensure the complete satisfaction of our customers is by offering the greatest service and support to our installers’ network. This way, they will systematically propose optimal solutions and complete installations with unmatched professionalism. We have developed all the necessary tools to provide the best after sales and service support.

EXCELLENCE & INNOVATION

Every Tosot system is designed to be the best in its class. Only first class materials are used throughout the manufacturing of a Tosot system. A strict quality control is in place to insure the premium quality of all Tosot units. From engineering to after sales support our team of professionals strive to deliver customer satisfaction. Through our commitment to excellence we have developed partnerships of qualified installers. These exclusive partnerships allow us to train, support and monitor our installations to ensure the best consumer experience in every region where we operate. Our warranties are a testament to our quality innovations and our fully integrated process.

What can I find in this catalog?

TOSOT BENEFITS ................................................................................................................. 03
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Want to know more about us and our products?
Visit our website tosothvac.com
4 Way Air Outlet
The louver can be adjusted vertically and horizontally this will help maximize the comfort of your home.

Compact Design
With state of the art innovations such as an integrated evaporator and incorporated rear base casing our indoor units are more compact.

Quiet
The axial fan innovative design and the strengthened motor bracket will minimize the vibrations and noise level outside. The integrated rear base and evaporator makes our indoor unit one of the quietest.

Sleep Mode
Tosot comfy sleep curve will maintain the ideal temperature until morning to ensure your comfort.

Intelligent Defrost
The defrosting operation is only performed when needed, this reduces energy waste by eliminating unnecessary defrost while maximizing comfort.

Auto Clean
After powering off, the cross fan stays operational until the inside of the indoor unit is dry, this way your unit will stay clean and healthy.

High Efficiency
Cutting edge chips for precise inverter control high efficiency, electronic expansion valves for precise refrigerant flow, optimized cross fan designed for larger air flow volume.

I Feel
The mini sensor in the remote controller senses the surrounding temperature. The air flow and set temperature of the indoor unit is adjusted accordingly for optimal comfort level.

Certifications
All our products are
### SINGLE-ZONE

**CHESAPEAKE**

**16 SEER INVERTER**

**9,000 BTU TO 24,000 BTU**

![TOSOT Warranty Parts Compressor]

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**TRYAN1F1F**

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**MODEL**

<table>
<thead>
<tr>
<th></th>
<th>TW09HQ1A5D</th>
<th>TW12HQ1A5D</th>
<th>TW18HQ1A5D</th>
<th>TW24HQ1A5D</th>
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<td><strong>Power Supply</strong></td>
<td>208-230V, 60Hz, 1Ph</td>
<td>208-230V, 60Hz, 1Ph</td>
<td>208-230V, 60Hz, 1Ph</td>
<td>208-230V, 60Hz, 1Ph</td>
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<td><strong>Rated Current Heating</strong></td>
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<td>6.7</td>
<td>11.5</td>
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<td><strong>System Performance</strong></td>
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<td></td>
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<td><strong>Dehumidification</strong></td>
<td>pt/h</td>
<td>1.69</td>
<td>2.96</td>
<td>3.80</td>
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<td><strong>Cooling Capacity</strong></td>
<td>Btu/h</td>
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<td>18,000 (7,165 - 20,000)</td>
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<td>13,000 (3,924 - 14,000)</td>
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<td>16 / 10.0</td>
<td>16 / 9.23</td>
<td>16 / 9.37</td>
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<td>9.0 / 3.05</td>
<td>9.0 / 2.78</td>
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<td></td>
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<td><strong>Airflow (L/H)</strong></td>
<td>CFM</td>
<td>171 / 318</td>
<td>194 / 400</td>
<td>282 / 471</td>
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<td>dB(A)</td>
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<td>29 / 45</td>
<td>35 / 46</td>
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<tr>
<td><strong>Unit Dimensions (WxHxD)</strong></td>
<td>in.</td>
<td>31.1 x 10.8 x 7.9</td>
<td>33.3 x 11.4 x 8.2</td>
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<td><strong>Net/Gross Weight</strong></td>
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<td>23.1 / 29</td>
<td>29.8 / 36</td>
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<td><strong>Outdoor Unit</strong></td>
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<td><strong>Compressor Type</strong></td>
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<td>SWING</td>
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<td>dB(A)</td>
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<td>53</td>
<td>56</td>
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<td><strong>Unit Dimensions (WxHxD)</strong></td>
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<td>30.6 x 21.3 x 12.6</td>
<td>37.6 x 27.6 x 15.6</td>
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<td><strong>Net/Gross Weight</strong></td>
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<td>65 / 71</td>
<td>69 / 75</td>
<td>96 / 106</td>
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<td><strong>Refrigerant/Charge</strong></td>
<td>oz</td>
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<td>R410A / 30.0</td>
<td>R410A / 49.4</td>
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<td><strong>Line Set Size (Liquid - Gas)</strong></td>
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<td>1/4&quot; – 3/8&quot;</td>
<td>1/4&quot; – 3/8&quot;</td>
<td>1/4&quot; – 1/2&quot;</td>
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<td><strong>Max. Pipe Length</strong></td>
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<td>32.8</td>
<td>32.8</td>
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<td>9</td>
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<tr>
<td><strong>MOCP</strong></td>
<td>A</td>
<td>15</td>
<td>15</td>
<td>25</td>
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<td><strong>Wire Size/# Wires</strong></td>
<td></td>
<td>16AWG*4 Stranded, unshielded</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Pan Heater
- Heated belt around compressor
- Optional Wired Controller
- Auto Swing (vertical)
- Multiple Fan Speeds
- Dehumidify
- Intelligent Defrost
- Intelligent Pre-Heating
- Comfortable Sleep Mode
- LED Display
- Automatic Operation
- Self-diagnosis
- Memory Function
- Control Lock
- Fan Delay Function
- Timer
- Extended Warranties available
### SINGLE-ZONE INDEPENDENCE
23-18 SEER INVERTER
9,000 BTU TO 36,000 BTU

---

**TW09HQ2A1D**
**TW12HQ2A1D**
**TW18HQ2A1D**
**TW24HQ2A1D**
**TW30HQ2A3D**
**TW36HQ2A3D**

#### Power Supply
- 208-230V, 60Hz, 1Ph

#### System Performance
**Dehumidification (pt/h):**
- TW09HQ2A1D: 1.69
- TW12HQ2A1D: 2.96
- TW18HQ2A1D: 3.80
- TW24HQ2A1D: 4.23
- TW30HQ2A3D: 6.43
- TW36HQ2A3D: 7.40

**Cooling Capacity (Btu/h):**
- TW09HQ2A1D (3,100 - 9,600)
- TW12HQ2A1D (3,100 - 13,000)
- TW18HQ2A1D (6,800 - 20,000)
- TW24HQ2A1D (6,820 - 27,000)
- TW30HQ2A3D (9,490 - 30,030)
- TW36HQ2A3D (7,400 - 36,000)

**Heating Capacity (Btu/h):**
- TW09HQ2A1D (1,911 - 12,000)
- TW12HQ2A1D (2,400 - 14,000)
- TW18HQ2A1D (7,340 - 23,500)
- TW24HQ2A1D (6,820 - 23,500)
- TW30HQ2A3D (10,000 - 32,990)
- TW36HQ2A3D (14,980 - 36,000)

**SEER/EER:**
- TW09HQ2A1D: 23 / 14.29
- TW12HQ2A1D: 22 / 12.50
- TW18HQ2A1D: 20 / 12.50
- TW24HQ2A1D: 18 / 10.40
- TW30HQ2A3D: 18 / 8.20
- TW36HQ2A3D: 18 / 8.20

**HSPF/COP:**
- TW09HQ2A1D: 10.5 / 3.16
- TW12HQ2A1D: 11.0 / 3.46
- TW18HQ2A1D: 9.0 / 3.0
- TW24HQ2A1D: 9 / 2.7

#### Indoor Unit
**Airflow (CFM):**
- TW09HQ2A1D: 171 / 377
- TW12HQ2A1D: 171 / 400
- TW18HQ2A1D: 335 / 559
- TW24HQ2A1D: 530 / 706
- TW30HQ2A3D: 412 / 706
- TW36HQ2A3D: 412 / 736

**Sound Pressure Level (dB(A)):**
- TW09HQ2A1D: 29 / 43
- TW12HQ2A1D: 29 / 45
- TW18HQ2A1D: 39 / 47
- TW24HQ2A1D: 36 / 48
- TW30HQ2A3D: 37 / 51
- TW36HQ2A3D: 37 / 54

**Unit Dimensions (in):**
- TW09HQ2A1D: 33.4 x 11.4 x 8.2
- TW12HQ2A1D: 33.4 x 11.4 x 8.2
- TW18HQ2A1D: 38.2 x 11.8 x 8.8
- TW24HQ2A1D: 42.4 x 12.8 x 9.7
- TW30HQ2A3D: 53.1 x 12.8 x 10
- TW36HQ2A3D: 53.1 x 12.8 x 10

**Net/Gross Weight (lbs):**
- TW09HQ2A1D: 22.1 / 26.5
- TW12HQ2A1D: 22.1 / 26.5
- TW18HQ2A1D: 27.6 / 34.2
- TW24HQ2A1D: 34.2 / 41.9
- TW30HQ2A3D: 41.9 / 51.8
- TW36HQ2A3D: 41.9 / 51.8

#### Outdoor Unit
**Compressor Type:**
- SWING
- SWING
- ROTARY
- ROTARY
- ROTARY
- ROTARY

**Sound Pressure Level (dB(A)):**
- TW09HQ2A1D: 53
- TW12HQ2A1D: 54
- TW18HQ2A1D: 55
- TW24HQ2A1D: 59
- TW30HQ2A3D: 62
- TW36HQ2A3D: 65

**Unit Dimensions (in):**
- TW09HQ2A1D: 33.4 x 21.3 x 12.6
- TW12HQ2A1D: 33.4 x 23.6 x 12.6
- TW18HQ2A1D: 37.6 x 27.6 x 15.6
- TW24HQ2A1D: 38.6 x 31.1 x 16.8
- TW30HQ2A3D: 38.6 x 31.1 x 16.8
- TW36HQ2A3D: 38.6 x 31.1 x 16.8

**Net/Gross Weight (lbs):**
- TW09HQ2A1D: 78 / 84
- TW12HQ2A1D: 86 / 93
- TW18HQ2A1D: 105 / 115
- TW24HQ2A1D: 142 / 153
- TW30HQ2A3D: 154 / 165
- TW36HQ2A3D: 161 / 172

**Refrigerant/Charge (oz):**
- TW09HQ2A1D: R410A / 45.9
- TW12HQ2A1D: R410A / 47.6
- TW18HQ2A1D: R410A / 56.4
- TW24HQ2A1D: R410A / 77.6
- TW30HQ2A3D: R410A / 84.6
- TW36HQ2A3D: R410A / 91.7

**Line Set Size (Liquid - Gas):**
- TW09HQ2A1D: 1/4” – 3/8”
- TW12HQ2A1D: 1/4” – 1/2”
- TW18HQ2A1D: 1/4” – 5/8”
- TW24HQ2A1D: 1/4” – 5/8”
- TW30HQ2A3D: 1/4” – 5/8”
- TW36HQ2A3D: 1/4” – 5/8”

**Max. Pipe Length (ft):**
- TW09HQ2A1D: 49.2
- TW12HQ2A1D: 65.6
- TW18HQ2A1D: 82
- TW24HQ2A1D: 82
- TW30HQ2A3D: 98.4
- TW36HQ2A3D: 98.4

**Max. Elevation (ft):**
- TW09HQ2A1D: 32.8
- TW12HQ2A1D: 32.8
- TW18HQ2A1D: 32.8
- TW24HQ2A1D: 32.8
- TW30HQ2A3D: 32.8
- TW36HQ2A3D: 32.8

**MCA:**
- TW09HQ2A1D: 9
- TW12HQ2A1D: 9
- TW18HQ2A1D: 16
- TW24HQ2A1D: 20
- TW30HQ2A3D: 20
- TW36HQ2A3D: 24

**MOCP:**
- TW09HQ2A1D: 15
- TW12HQ2A1D: 15
- TW18HQ2A1D: 25
- TW24HQ2A1D: 30
- TW30HQ2A3D: 30
- TW36HQ2A3D: 40

**Wire Size/# Wires:**
- TW09HQ2A1D: 14AWG*4 Stranded, unshielded

---

*TW30HQ2A3D and TW36HQ2A3D are not Energy Star*
### SINGLE-ZONE LIBERTY

38-21.5 SEER INVERTER
9,000 BTU TO 24,000 BTU

- Ultra Heat
- Ultra Efficient
- Wifi Included
- Extended pipe length
- Auto Swing (Vertical & Horizontal)
- Heated Belt Around Compressor
- Optional Wired controller
- Pan Heater
- Intelligent Defrost
- Intelligent Pre-Heating
- Comfortable Sleep Mode
- LED Display
- Automatic Operation
- Self-diagnostic
- Memory Function
- Control Lock
- Fan Delay Function
- Timer
- Extended Warranties available

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<th>MODEL</th>
<th>TW09HQ3D6D</th>
<th>TW12HQ3D6D</th>
<th>TW18HQ3D6D</th>
<th>TW24HQ3D6D</th>
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<tr>
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<td>208-230V, 60Hz, 1Ph</td>
<td>208-230V, 60Hz, 1Ph</td>
<td>208-230V, 60Hz, 1Ph</td>
</tr>
<tr>
<td>Rated Current Cooling</td>
<td>A</td>
<td>6.2</td>
<td>6.5</td>
<td>10.8</td>
</tr>
<tr>
<td>Rated Current Heating</td>
<td>A</td>
<td>6.9</td>
<td>6.9</td>
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#### System Performance

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<tr>
<td>Dehumidification pt/h</td>
<td>1.69</td>
<td>2.96</td>
<td>3.8</td>
<td>5.2</td>
</tr>
<tr>
<td>Cooling Capacity Btu/h</td>
<td>9,000 (1,535 – 12,996)</td>
<td>12,000 (2,900 – 15,354)</td>
<td>18,000 (4,094 – 21,837)</td>
<td>22,000 (6,800 – 30,700)</td>
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<tr>
<td>Heating Capacity Btu/h</td>
<td>9,000 (2,388 – 13,648)</td>
<td>12,200 (3,071 – 18,766)</td>
<td>18,000 (4,094 – 24,566)</td>
<td>24,000 (6,800 – 32,000)</td>
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<td>SEER/EER</td>
<td>38 / 16.50</td>
<td>30.5 / 15.30</td>
<td>24.5 / 13.53</td>
<td>21.5 / 13.00</td>
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<td>HSPF/COP</td>
<td>15 / 4.40</td>
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#### Indoor Unit

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<td>235 / 500</td>
<td>353 / 736</td>
<td>383 / 824</td>
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<td>Sound Pressure Level</td>
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<td>22 / 49</td>
<td>34 / 51</td>
<td>34 / 52</td>
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<td>Unit Dimensions (WxHxD) in.</td>
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<td>39.2 x 11.8 x 8.8</td>
<td>43.3 x 12.8 x 9.8</td>
<td>43.3 x 12.8 x 9.8</td>
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<td>Net/Gross Weight</td>
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<td>29.8 / 36.4</td>
<td>36.4 / 44.1</td>
<td>36.4 / 43</td>
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#### Outdoor Unit

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<td>dBA</td>
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<td>dBA</td>
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<td>35.3 x 23.4 x 14.8</td>
<td>35.3 x 23.4 x 14.8</td>
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<td>38.5 x 31.1 x 16.8</td>
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<td>lbs</td>
<td>lbs</td>
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<tr>
<td>Refrigerant / Charge</td>
<td>oz.</td>
<td>oz.</td>
<td>oz.</td>
<td>oz.</td>
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<tr>
<td>Line Set Size (Liquid - Gas) in.</td>
<td>1/4” – 1/2”</td>
<td>1/4” – 1/2”</td>
<td>1/4” – 5/8”</td>
<td>1/4” – 5/8”</td>
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<td>ft</td>
<td>ft</td>
<td>ft</td>
<td>ft</td>
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<tr>
<td>Max. Elevation</td>
<td>ft</td>
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<td>ft</td>
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<td>MCA</td>
<td>A</td>
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<td>A</td>
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<td>MOCP</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
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<tr>
<td>Wire Size/# Wires</td>
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<td>14AWG*4 Stranded, unshielded</td>
<td>14AWG*4 Stranded, unshielded</td>
<td>14AWG*4 Stranded, unshielded</td>
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### MULTI ZONE OUTDOOR SERIES

**18,000 - 42,000 BTU**
**22-20.5 SEER**
**48,000 - 56,000 BTU**
**16 SEER**

### MULTI ZONE INDOOR UNIT
- Wallmount (48,000 - 56,000 Btu Only)
- Independence (18,000 - 42,000 Btu Only)
- Console
- Floorceiling
- Slimduct
- Cassette

### MULTI-MIX (MULTI PORTS)

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<th>TM18H4O</th>
<th>TM24H4O</th>
<th>TM30H4O</th>
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<th>TM42H3O</th>
<th>TM48H2O</th>
<th>TM56H2O</th>
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<td>Number of ports</td>
<td>2 ports</td>
<td>3 ports</td>
<td>4 ports</td>
<td>5 ports</td>
<td>Up to 8 units</td>
<td>Up to 9 units</td>
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<tr>
<td>Cooling Btu/h</td>
<td>18,000 (6,998 - 21,000)</td>
<td>24,000 (7,500 - 33,000)</td>
<td>28,400 (8,189 - 33,438)</td>
<td>34,000 (8,871 - 35,826)</td>
<td>39,000 (8,871 - 40,944)</td>
<td>47,800 (3,412 - 54,592)</td>
<td>52,900 (3,412 - 61,416)</td>
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<tr>
<td>Heating Btu/h</td>
<td>19,000 (7,000 - 22,600)</td>
<td>26,000 (7,500 - 27,978)</td>
<td>30,000 (8,189 - 32,414)</td>
<td>42,500 (8,871 - 44,356)</td>
<td>45,000 (8,871 - 46,062)</td>
<td>54,600 (4,090 - 59,368)</td>
<td>61,400 (4,090 - 63,122)</td>
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<td>21</td>
<td>21</td>
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<td>16</td>
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<td>16</td>
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<td>HSPF / COP</td>
<td>10.5 / 3.66</td>
<td>10.5 / 3.72</td>
<td>10.5 / 3.74</td>
<td>10.5 / 3.70</td>
<td>10.2 / 3.61</td>
<td>8.2 / 3.64</td>
<td>8.2 / 3.46</td>
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<td>Power Supply</td>
<td>208-230V, 60Hz, 1Ph</td>
<td>208-230V, 60Hz, 1Ph</td>
<td>208-230V, 60Hz, 1Ph</td>
<td>208-230V, 60Hz, 1Ph</td>
<td>208-230V, 60Hz, 1Ph</td>
<td>208-230V, 60Hz, 1Ph</td>
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<td>Airflow CFM</td>
<td>1,883</td>
<td>2,354</td>
<td>2,354</td>
<td>4,531</td>
<td>4,531</td>
<td>3,766</td>
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<td>Operating Range</td>
<td></td>
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<td>Cooling °C</td>
<td>-18 ~ 48</td>
<td>-18 ~ 48</td>
<td>-18 ~ 48</td>
<td>-18 ~ 48</td>
<td>-18 ~ 48</td>
<td>-15 ~ 48</td>
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<tr>
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<td>0 ~ 118</td>
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<td>0 ~ 118</td>
<td>5 ~ 118</td>
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<tr>
<td>Sound Pressure Level dB(A)</td>
<td>56</td>
<td>59</td>
<td>59</td>
<td>61</td>
<td>61</td>
<td>55</td>
<td>57</td>
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<td>Piping Connection</td>
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<td></td>
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</tr>
<tr>
<td>Liquid in.</td>
<td>2 x 1/4</td>
<td>3 x 1/4</td>
<td>4 x 1/4</td>
<td>5 x 1/4</td>
<td>5 x 1/4</td>
<td>8 x 3/8</td>
<td>9 x 3/8</td>
</tr>
<tr>
<td>Gas in.</td>
<td>2 x 3/8</td>
<td>3 x 3/8</td>
<td>4 x 3/8</td>
<td>5 x 3/8</td>
<td>5 x 3/8</td>
<td>8 x 5/8</td>
<td>9 x 5/8</td>
</tr>
<tr>
<td>Dimensions (in.)</td>
<td>37.6x27.5x15.6</td>
<td>38.6x31.1x16.8</td>
<td>38.6x31.1x16.8</td>
<td>42.8x43.4x17.3</td>
<td>42.8x43.4x17.3</td>
<td>53x35.4x13.4</td>
<td>53x35.4x13.4</td>
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<tr>
<td>Net/Gross Weight lbs</td>
<td>114.4 / 125</td>
<td>152.9 / 164.2</td>
<td>154.0 / 169</td>
<td>198.0 / 216</td>
<td>198.4 / 216</td>
<td>255.2 / 282</td>
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<tr>
<td>Max. Total Piping ft.</td>
<td>65.6</td>
<td>196.8</td>
<td>229.6</td>
<td>246.0</td>
<td>246.0</td>
<td>443.0</td>
<td>476.0</td>
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<tr>
<td>Max. Single Distance ft.</td>
<td>32.8</td>
<td>65.6</td>
<td>82.0</td>
<td>82.0</td>
<td>82.0</td>
<td>229</td>
<td>229</td>
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<tr>
<td>Max Elevation ft.</td>
<td>32.8</td>
<td>32.8</td>
<td>49.2</td>
<td>49.2</td>
<td>49.2</td>
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<tr>
<td>Refrigerant Charge lbs</td>
<td>3.5</td>
<td>4.8</td>
<td>6.2</td>
<td>8.0</td>
<td>8.0</td>
<td>10.9</td>
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<td>MOCP A</td>
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<td>30</td>
<td>35</td>
<td>40</td>
<td>50</td>
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</table>

* Only TM18H4O, TM24H4O, TM30H4O, TM36H4O are Energy Star
### TOSOT MULTI-ZONE INDOOR SYSTEM WALLMOUNT

**9,000 BTU TO 18,000 BTU**
**Easy Install**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>TW09HM2C2DI</th>
<th>TW12HM2C2DI</th>
<th>TW18HM2C2DI</th>
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</thead>
<tbody>
<tr>
<td>Cooling/Heating Capacity (Btu/h)</td>
<td>9,000/9,800</td>
<td>12,000/13,000</td>
<td>18,000/19,790</td>
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<tr>
<td>Sound Pressure Level (dB(A))</td>
<td>33 / 44</td>
<td>33 / 44</td>
<td>35 / 49</td>
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<tr>
<td>Dehumidification (pt/h)</td>
<td>1.69</td>
<td>2.96</td>
<td>3.8</td>
</tr>
<tr>
<td>Air Flow (CFM)</td>
<td>218 / 306</td>
<td>218 / 335</td>
<td>324 / 500</td>
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<tr>
<td>Dimensions (WxHxD) (in.)</td>
<td>33.4 x 11.4 x 8.2</td>
<td>33.4 x 11.4 x 8.2</td>
<td>37 x 11.7 x 7.9</td>
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<tr>
<td>Net/Gross Weight (lbs)</td>
<td>22.1 / 27.6</td>
<td>22.1 / 27.6</td>
<td>28.7 / 35.3</td>
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<td>Piping Connection</td>
<td>Liquid in. 1/4</td>
<td>1/4</td>
<td>1/4</td>
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<tr>
<td></td>
<td>Gas in. 3/8</td>
<td>3/8</td>
<td>1/2</td>
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### TOSOT MULTI-ZONE INDOOR SYSTEM INDEPENDENCE

**9,000 BTU TO 24,000 BTU**
**Easy Install**

<table>
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<tr>
<th>MODEL</th>
<th>TW09H Q2A1DI/I</th>
<th>TW12H Q2A1DI/I</th>
<th>TW18H Q2A1DI/I</th>
<th>TW24H Q2A1DI/I</th>
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<tbody>
<tr>
<td>Cooling/Heating Capacity (Btu/h)</td>
<td>9,000 / 11,000</td>
<td>12,000 / 13,000</td>
<td>18,000 / 19,800</td>
<td>22,000 / 23,000</td>
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<tr>
<td>Sound Pressure Level (dB(A))</td>
<td>29 / 43</td>
<td>29 / 45</td>
<td>39 / 47</td>
<td>36 / 48</td>
</tr>
<tr>
<td>Dehumidification (pt/h)</td>
<td>1.69</td>
<td>2.96</td>
<td>3.80</td>
<td>4.23</td>
</tr>
<tr>
<td>Air Flow (CFM)</td>
<td>171 / 377</td>
<td>171 / 400</td>
<td>335 / 559</td>
<td>530 / 706</td>
</tr>
<tr>
<td>Dimensions (WxHxD) (in.)</td>
<td>33.4 x 11.4 x 8.2</td>
<td>33.4 x 11.4 x 8.2</td>
<td>38.2 x 11.8 x 8.8</td>
<td>42.4 x 12.8 x 9.7</td>
</tr>
<tr>
<td>Net/Gross Weight (lbs)</td>
<td>22.1 / 26.5</td>
<td>22.1 / 26.5</td>
<td>27.6 / 34.2</td>
<td>34.2 / 41.9</td>
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<tr>
<td>Piping Connection</td>
<td>Liquid in. 1/4</td>
<td>1/4</td>
<td>1/4</td>
<td>1/4</td>
</tr>
<tr>
<td></td>
<td>Gas in. 3/8</td>
<td>3/8</td>
<td>1/2</td>
<td>5/8</td>
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</tbody>
</table>

### TOSOT MULTI-ZONE INDOOR SYSTEM CONSOLE

**9,000 BTU TO 12,000 BTU**
**Floor Warming Function**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>TM09HEDI</th>
<th>TM12HEDI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling/Heating Capacity (Btu/h)</td>
<td>9,000 / 9,500</td>
<td>12,000 / 13,000</td>
</tr>
<tr>
<td>Sound Pressure Level (dB(A))</td>
<td>25 / 40</td>
<td>27 / 43</td>
</tr>
<tr>
<td>Dehumidification (pt/h)</td>
<td>1.69</td>
<td>2.95</td>
</tr>
<tr>
<td>Air Flow (CFM)</td>
<td>188 / 382</td>
<td>206 / 441</td>
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<tr>
<td>Dimensions (WxHxD) (in.)</td>
<td>27.6 x 23.6 x 8.5</td>
<td>27.6 x 23.6 x 8.5</td>
</tr>
<tr>
<td>Net/Gross Weight (lbs)</td>
<td>33.1 / 39.7</td>
<td>33.1 / 39.7</td>
</tr>
<tr>
<td>Piping Connection</td>
<td>Liquid in. 1/4</td>
<td>1/4</td>
</tr>
<tr>
<td></td>
<td>Gas in. 3/8</td>
<td>3/8</td>
</tr>
</tbody>
</table>
### Multi-Zone Indoor System: Slimduct

- **9,000 BTU to 24,000 BTU**
- **Wide Air Discharge**

#### Model: TM09HTDI
- **Cooling/Heating Capacity** (Btu/h): 8,500/9,500
- **Sound Pressure Level** (dB(A)): 36/40
- **Dehumidification** (pt/h): 1.69
- **Air Flow** (CFM): 265/383
- **Dimensions** (WxHxD, in.): 48.0x27.6x8.9
- **Net/Gross Weight** (lbs): 88.1/110.2
- **Piping Connection**: Liquid - 1/4, Gas - 3/8

#### Model: TM12HTDI
- **Cooling/Heating Capacity** (Btu/h): 11,900/13,100
- **Sound Pressure Level** (dB(A)): 36/40
- **Dehumidification** (pt/h): 2.96
- **Air Flow** (CFM): 265/383
- **Dimensions** (WxHxD, in.): 48.0x27.6x8.9
- **Net/Gross Weight** (lbs): 88.1/110.2
- **Piping Connection**: Liquid - 1/4, Gas - 3/8

#### Model: TM18HTDI
- **Cooling/Heating Capacity** (Btu/h): 17,000/18,700
- **Sound Pressure Level** (dB(A)): 40/45
- **Dehumidification** (pt/h): 3.80
- **Air Flow** (CFM): 294/559
- **Dimensions** (WxHxD, in.): 48.0x27.6x8.9
- **Net/Gross Weight** (lbs): 88.1/110.2
- **Piping Connection**: Liquid - 1/4, Gas - 1/2

#### Model: TM24HTDI
- **Cooling/Heating Capacity** (Btu/h): 22,800/27,400
- **Sound Pressure Level** (dB(A)): 44/48
- **Dehumidification** (pt/h): 5.28
- **Air Flow** (CFM): 412/736
- **Dimensions** (WxHxD, in.): 48.0x27.6x8.9
- **Net/Gross Weight** (lbs): 99.2/119
- **Piping Connection**: Liquid - 3/8, Gas - 5/8

### Multi-Zone Indoor System: Cassette

- **9,000 BTU to 24,000 BTU**
- **Powerful & Concealed**

#### Model: TM12HKDI
- **Cooling/Heating Capacity** (Btu/h): 12,000/13,000
- **Sound Pressure Level** (dB(A)): 42/46
- **Dehumidification** (pt/h): 2.96
- **Air Flow** (CFM): 500/694
- **Dimensions** (WxHxD, body, in.): 22.4x9.1x22.4
- **Dimensions** (WxHxD, panel, in.): 25.5x1.9x25.5
- **Net/Gross Weight** (lbs): 39.6/51
- **Piping Connection**: Liquid - 1/4, Gas - 3/8

#### Model: TM18HKDI
- **Cooling/Heating Capacity** (Btu/h): 15,354/17,000
- **Sound Pressure Level** (dB(A)): 42/46
- **Dehumidification** (pt/h): 3.80
- **Air Flow** (CFM): 500/694
- **Dimensions** (WxHxD, body, in.): 22.4x9.1x22.4
- **Dimensions** (WxHxD, panel, in.): 25.5x1.9x25.5
- **Net/Gross Weight** (lbs): 39.6/51
- **Piping Connection**: Liquid - 1/4, Gas - 1/2

#### Model: TM24HKDI
- **Cooling/Heating Capacity** (Btu/h): 22,800/27,400
- **Sound Pressure Level** (dB(A)): 35/39
- **Dehumidification** (pt/h): 5.28
- **Air Flow** (CFM): 500/694
- **Dimensions** (WxHxD, body, in.): 22.4x9.1x22.4
- **Dimensions** (WxHxD, panel, in.): 25.5x1.9x25.5
- **Net/Gross Weight** (lbs): 61.7/77
- **Piping Connection**: Liquid - 3/8, Gas - 5/8
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<thead>
<tr>
<th>COMBINATIONS</th>
<th>TM18H4O</th>
<th>TM24H4O</th>
<th>TM30H4O</th>
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</table>
GLOSSARY

AIRFLOW
A measure of the amount of air per unit of time that passes through the device. It is measured either in CFM (cubic foot per minute) or m³/h (cubic meter per hour).

COP
COP stands for Coefficient of Performance. It is the ratio between the cooling or heating provided and the electrical power consumption.

EER
EER stands for Energy Efficiency Rating. It measures the ratio of output power to the input power.

REFRIGERANT
A refrigerant is the substance used to „move“ the heat outside (or inside) of the room where the device is. We use the refrigerant R-410A as it is environment friendly and allows for the design of smaller and more efficient systems compared to R-22.

BTU/h
BTU or Btu is the British thermal unit. It is the amount of energy needed to cool or heat 1 pound of water by 1°F. The Btu/h is the unit of power used in HVAC. It corresponds to approximately 0.29 Watt.

DEHUMIDIFICATION
A measure of the amount of water per unit of time that the device is able to extract from the ambient air. It is measured in Pth.

HSPF
HSPF stands for Heating Seasonal Performance Factor. It is the ratio between the seasonal heating output and the electricity used.

SEER
SEER stands for Seasonal Energy Efficiency Ratio. It is the ratio between the seasonal cooling output and the electricity used.

SOUND PRESSURE LEVEL
Sound Pressure is the force of a sound on a surface perpendicular to its direction. It is measured in Pa (Pascal). The lowest sound pressure that can be heard is 2x10 Pa. The Sound Pressure Level is a comparison of the measured sound to the lowest sound pressure hearable. The units are expressed in terms of dB (decibel) which is not linear, that is, if the pressure is doubled, the Sound Pressure Level increases by 6dB. For example, the lowest hearable sound is 0dB while a quiet room is 40dB.

WANT MORE INFORMATION?
We’ll be there for you

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info@tosothvac.com
tosothvac.com

WARRANTY
The warranty of our products are 5 years on compressor and 1 year on parts. We also propose extended warranties depending on your needs. For more information visit our website tosothvac.com

United States, Canada & Latin America

5-1 YEARS COMPRESSOR & PARTS

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