



## TOSOT R32 FreeMatch

Central Air Conditioning Heat Pump (HP)

Multizone Mix of Ducted and Non-Ducted

AHRI Cert #<sup>+</sup>: **216571402**

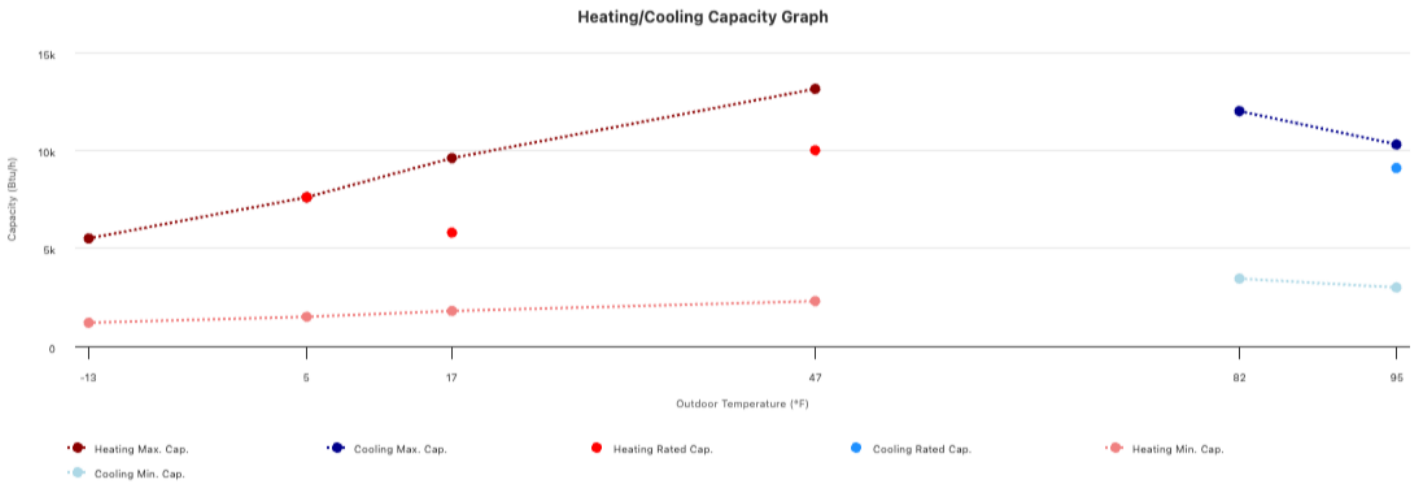
Outdoor Unit Model #<sup>+</sup>: **TM36D6MO**

Indoor Model #<sup>+</sup>:

🔥 Maximum Heating Capacity (Btu/h) @5°F: **34,000**

🔥 Rated Heating Capacity (Btu/h) @47°F<sup>+</sup>: **36,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F<sup>+</sup>: **36,000**



## Information Tables

|   |  |
|---|--|
| <b>Brand</b>  | TOSOT                                    |
| <b>Series</b>                                       | R32 FreeMatch                            |
| <b>Ducting Configuration</b>                        | Multizone Mix of Ducted and Non-Ducted   |
| <b>AHRI Certificate #<sup>+</sup></b>               | 216571402                                |
| <b>Outdoor Unit Model #<sup>+</sup></b>             | TM36D6MO                                 |
| <b>Indoor Model #<sup>+</sup></b>                   |  |
| <b>Indoor Unit Type<sup>+</sup></b>                 | Mixed Ducted and Non-Ducted Indoor Units |
| <b>Furnace Model #<sup>+</sup></b>                  |  |
| <b>EER<sup>+</sup></b>                              |  |
| <b>SEER<sup>+</sup></b>                             |  |
| <b>HSPF (Region IV)<sup>+</sup></b>                 |  |
| <b>EER2<sup>+</sup></b>                             | 11.8                                     |
| <b>SEER2<sup>+</sup></b>                            | 19                                       |
| <b>HSPF2 (Region IV)<sup>+</sup></b>                | 9  |
| <b>HSPF2 (Region V)</b>                             | 7.4                                      |
| <b>ENERGY STAR V6.1</b>                             |  |
| <b>ENERGY STAR V6.1 Cold Climate</b>                |  |
| <b>ENERGY STAR V5.0</b>                             |  |
| <b>Federal Tax Credit Eligibility North</b>         |  |
| <b>Federal Tax Credit Eligibility South</b>         |  |
| <b>Capacity Maintenance (Rated 17°F/Rated 47°F)</b> | 100%                                     |
| <b>Capacity Maintenance (Rated 5°F/Rated 47°F)</b>  | 94%                                      |
| <b>Capacity Maintenance (Max 5°F/Rated 47°F)</b>    | 94%                                      |
| <b>Variable Capacity</b>                            | ✓  |
| <b>Integration</b>                                  |  |
| <b>Connectivity</b>                                 |  |
| <b>Operational Diagnostics</b>                      |  |
| <b>Refrigerant</b>                                  | R-32                                     |
| <b>Sold In<sup>+</sup></b>                          | USA, Canada                              |

## Performance Specs

| Heating / Cooling | Outdoor Dry Bulb | Indoor Dry Bulb | Unit               | Min   | Rated <sup>+</sup> | Max    |
|-------------------|------------------|-----------------|--------------------|-------|--------------------|--------|
|                   |                  |                 |                    |       |                    |        |
| Cooling           | 95°F             | 80°F            | Btu/h <sup>+</sup> | 8,870 | 36,000             | 38,000 |
|                   |                  |                 | kW                 | 0.7   | 3.05               | 4.12   |
|                   |                  |                 | COP                | 3.71  | 3.46               | 2.7    |
| Cooling           | 82°F             | 80°F            | Btu/h <sup>+</sup> | 8,000 | -                  | 40,000 |
|                   |                  |                 | kW                 | 0.57  | -                  | 3.73   |
|                   |                  |                 | COP                | 4.11  | -                  | 3.14   |
| Heating           | 47°F             | 70°F            | Btu/h <sup>+</sup> | 8,870 | 36,000             | 43,200 |
|                   |                  |                 | kW                 | 0.69  | 3.09               | 4.32   |
|                   |                  |                 | COP                | 3.77  | 3.41               | 2.93   |
| Heating           | 17°F             | 70°F            | Btu/h <sup>+</sup> | 9,000 | 36,000             | 37,720 |
|                   |                  |                 | kW                 | 0.95  | 4.8                | 4.88   |
|                   |                  |                 | COP                | 2.78  | 2.2                | 2.27   |
| Heating           | 5°F              | 70°F            | Btu/h <sup>+</sup> | 9,000 | 34,000             | 34,000 |
|                   |                  |                 | kW                 | 1.28  | 5.42               | 5.42   |
|                   |                  |                 | COP                | 2.06  | 1.84               | 1.84   |
| Heating           | -22°F            | 70°F            | Btu/h <sup>+</sup> | 8,000 | -                  | 26,200 |
|                   |                  |                 | kW                 | 1.59  | -                  | 4.79   |
|                   |                  |                 | COP                | 1.47  | -                  | 1.6    |