



## TOSOT R32 FreeMatch

Central Air Conditioning Heat Pump (HP)

Multizone All Ducted

AHRI Cert #<sup>+</sup>: **216571394**

Outdoor Unit Model #<sup>+</sup>: **TM18 D6 MO**

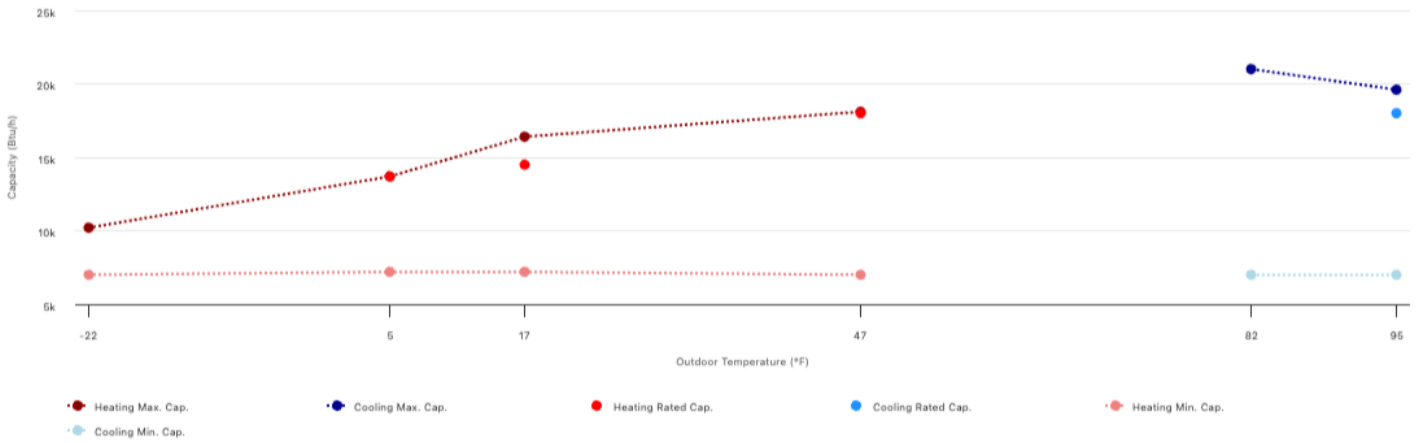
Indoor Model #<sup>+</sup>:

🔥 Maximum Heating Capacity (Btu/h) @5°F: **13,600**

🔥 Rated Heating Capacity (Btu/h) @47°F<sup>+</sup>: **18,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F<sup>+</sup>: **18,000**

Heating/Cooling Capacity Graph



## Information Tables

|   |                      |
|---|----------------------|
| <b>Brand</b>  | TOSOT                |
| <b>Series</b>                                       | R32 FreeMatch        |
| <b>Ducting Configuration</b>                        | Multizone All Ducted |
| <b>AHRI Certificate #<sup>+</sup></b>               | 216571394            |
| <b>Outdoor Unit Model #<sup>+</sup></b>             | TM18D6MO             |
| <b>Indoor Model #<sup>+</sup></b>                   |                      |
| <b>Indoor Unit Type<sup>+</sup></b>                 | 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>                             | 11.7                 |
| <b>SEER2<sup>+</sup></b>                            | 18                   |
| <b>HSPF2 (Region IV)<sup>+</sup></b>                | 8.1                  |
| <b>HSPF2 (Region V)</b>                             | 7.2                  |
| <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> | 77%                  |
| <b>Capacity Maintenance (Rated 5°F/Rated 47°F)</b>  | 75%                  |
| <b>Capacity Maintenance (Max 5°F/Rated 47°F)</b>    | 75%                  |
| <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> | 7,000 | 18,000             | 19,600 |
|                   |                  |                 | kW                 | 0.5   | 1.54               | 2.13   |
|                   |                  |                 | COP                | 4.1   | 3.43               | 2.7    |
| Cooling           | 82°F             | 80°F            | Btu/h <sup>+</sup> | 7,000 | -                  | 21,000 |
|                   |                  |                 | kW                 | 0.47  | -                  | 2.02   |
|                   |                  |                 | COP                | 4.36  | -                  | 3.05   |
| Heating           | 47°F             | 70°F            | Btu/h <sup>+</sup> | 7,000 | 18,000             | 18,100 |
|                   |                  |                 | kW                 | 0.57  | 1.51               | 1.89   |
|                   |                  |                 | COP                | 3.6   | 3.49               | 2.81   |
| Heating           | 17°F             | 70°F            | Btu/h <sup>+</sup> | 7,200 | 14,000             | 16,400 |
|                   |                  |                 | kW                 | 0.72  | 2.01               | 2.09   |
|                   |                  |                 | COP                | 2.93  | 2.04               | 2.3    |
| Heating           | 5°F              | 70°F            | Btu/h <sup>+</sup> | 7,200 | 13,600             | 13,600 |
|                   |                  |                 | kW                 | 0.95  | 2.14               | 2.14   |
|                   |                  |                 | COP                | 2.22  | 1.86               | 1.86   |
| Heating           | -22°F            | 70°F            | Btu/h <sup>+</sup> | 7,000 | -                  | 10,200 |
|                   |                  |                 | kW                 | 1.45  | -                  | 2.18   |
|                   |                  |                 | COP                | 1.41  | -                  | 1.37   |