**WHATEVER THE SIZE OR SHAPE OF YOUR ROOM, THERE'S A UNIT THAT IS JUST RIGHT FOR YOU.**

**TUMY HD®**

The S-Series (TUMY) outdoor unit lineup has expanded to include Hyper-Heating INVERTER® (H2i®) technology. Part of the CITY MULTI® family, the TUMY is a single-phase heat pump ideal for light commercial and large residential applications including banks, churches, schools, retail centers and more.

- 100% heating capacity at 5° F
- 78% heating capacity down to -13° F utilizing flash injection technology
- ENERGY STAR® certified units
- Base pan heater standard
- Available in 36,000 and 48,000 Btu/h capacities

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**Efficiency Ratings**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>EER (Ducted/Non-Ducted)</th>
<th>COP (Ducted/Non-Ducted)</th>
<th>SEER (Ducted/Non-Ducted)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.6/15.0</td>
<td>11.3/13.1</td>
<td>11.1/13.3</td>
<td>12.6/15.0</td>
</tr>
<tr>
<td>11.3/13.1</td>
<td>11.0/12.0</td>
<td>10.7/12.0</td>
<td>11.7/12.0</td>
</tr>
</tbody>
</table>

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**Protection Devices**

- Anechoic Room: dB(A)
  - 50/53
  - 51/54
  - 58/59
  - 49/53
  - 51/54

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**Compressor**

- Discharge thermo protection
- Over-current protection

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**Electrical Supply**

- Short-circuit Current Rating (SCCR) kA
  - 5
- Recommended Fuse Size A
  - 30
  - 40

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**Dimensions**

- External Finish: Galvanized Sheets (plus Powder Coating for BS Model)
  - Munsell 3Y 7.8/1.1
- Refrigerant: R410A
- Compressor
  - Fan
  - Inverter Circuit
    - Over-heat protection
    - Over-current protection

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**Refrigerant Pipe**

- Refrigerant Inlet (Low Pressure) (Flare) in.
  - 5/8
  - 3/4
  - 5/8
- Refrigerant Outlet (High Pressure) (Flare) in.
  - 3/8

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**Motor Output kW**

- 0.074 + 0.074 (two fan motors)
- 0.2 + 0.2 (two fan motors)
- 0.074 + 0.074 (two fan motors)
- 2.8
- 3.3
- 3.9
- 2.8
- 3.4

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**Lubricant**

- FV50S (2.3 liters)
- FVC68D (2.3 liters)
- FV50S (2.3 liters)

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**Protection Devices**

- (MOP) A
  - 44
  - 45
  - 44
- Maximum Overcurrent
  - 44
  - 45
  - 44
  - 44

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**Heating Outdoor**

- Btu/h
  - 42,000
  - 54,000
  - 66,000
  - 42,000
  - 54,000

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**Cooling Outdoor**

- Btu/h
  - 36,000
  - 48,000
  - 60,000
  - 36,000
  - 48,000

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**Airflow Rate CFM**

- 3,885
- 4,879
- 3,885

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**Energy Efficiency Ratios**

- Heating
  - Indoor: 70˚ F (21.1˚ C) DB; Outdoor: 47˚ F (8.3˚ C) DB/43˚ F (6.1˚ C) WB.
- Cooling
  - Indoor: 80˚ F (26.7˚ C) DB/67˚ F (19.4˚ C) WB; Outdoor: 95˚ F (35˚ C) DB.

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**TRANE.COM/DUCTLESS**

See our website for details on specific additional application installation coverage.

LIMITED WARRANTY | Seven-year warranty on compressor. One-year warranty on parts.
S-Series (TUMY) systems are single-phase outdoor units with Variable Refrigerant Flow Zoning (VRF) technology, offering an ideal fit for light commercial applications. Featuring best-in-class efficiency ratings and ENERGY STAR® certified units, TUMY systems are designed to deliver operational cost-savings and long-term performance to building owners. The systems use an integrated controls network, and cool or heat up to 12 individual zones with a variety of indoor unit styles.

The addition of H2i® technology – now available in TUMY 36,000 and 48,000 Btu/h capacities – allows the units to provide year-round comfort in cold climates and extreme temperatures.

WHY CHOOSE CITY MULTI® S-SERIES (TUMY) FROM TRANE® / MITSUBISHI ELECTRIC

FEATURES AND BENEFITS:

- Systems available from 36,000-60,000 Btu/h (AK42NA models)
- Reduced breaker size on 36,000 and 48,000 Btu/h (AK42NA models)
- ENERGY STAR® certified units
- SEER rating improvement of 8%*
- HSPF rating improvement of 3%*
- Extended heating operation range down to -13º F
- Extended cooling operation range down to 5º F
- Vertical piping distance of up to 131’ (outdoor unit lower than indoor units)
- Vertical separation between indoor units up to 49’

*Average vs. Previous Generation models

TRANE.COM/DUCTLESS

User-friendly and efficient zone control is provided through a variety of controller options. These controllers can be located either in the space being served or remotely in another room. The controls allow you to implement many energy-saving features including: weekly scheduling, temperature range limits, auto-off, fault code notification, and service call number display.

NEW!

Touch MA

Control your system remotely via the Internet from any smart device using kumo cloud® or other third-party home automation systems.

- Mobile-app based controller
- Control multiple indoor units at multiple sites
- Modern interface with advanced functions like scheduling and batch commands
- Wireless connection through a local wireless network and kumo station® option for secondary heat and humidity controls

- Standard wall-mounted controller with basic On/Off and operation mode switching functions
- Additional basic settings include: room temperature, fan speed, vane and airflow direction
- Personalize the display background with one of the 180 available colors
- Customize the screen with a company logo

Manage your comfort.

Control system remotely via the Internet from any smart device using kumo cloud® or other third-party home automation systems.