

## SSZ14LL

### HIGH-EFFICIENCY, R-410A

### SPLIT SYSTEM HEAT PUMP

### UP TO 15 SEER & 8.5 HSPF

**COOLING CAPACITY: 18,000 TO 36,000 BTU/H**  
**HEATING CAPACITY: 18,000 TO 36,000 BTU/H**



#### Contents

|                              |    |
|------------------------------|----|
| Nomenclature .....           | 2  |
| Product Specifications ..... | 3  |
| Expanded Cooling Data .....  | 4  |
| Expanded Heating Data .....  | 12 |
| AHRI Ratings.....            | 13 |
| Dimensions .....             | 14 |
| Wiring Diagram .....         | 15 |
| Accessories .....            | 16 |

#### Standard Features

- R-410A chlorine-free refrigerant
- High-efficiency scroll compressor
- High density foam compressor sound blanket
- SmartShift™ technology to ensure quiet reliable defrost
- Bi-flow liquid line filter drier and piston assembly (must be field-installed)
- Factory-installed suction-line accumulator
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- High- and low-pressure switches
- Service valves with sweat connections and easy access to gauge ports
- Copper tube/enhanced aluminum fin coil
- Fully charged for 15' of tubing length
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

#### Cabinet Features

- Amana® brand sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Top and side maintenance access
- Service ports and controls are accessible while unit is operating
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



\* Complete warranty details available from you local dealer or at [www.amana-hac.com](http://www.amana-hac.com). To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home) and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec.

# NOMENCLATURE

|  | S | S | Z | 14  | 036   | 1 | A  | A  |  |
|--|---|---|---|-----|-------|---|----|----|--|
|  | 1 | 2 | 3 | 4,5 | 6,7,8 | 9 | 10 | 11 |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |
|  |   |   |   |     |       |   |    |    |  |



# **SPECIFICATIONS**

|                                          | <b>SSZ14<br/>0191A</b> | <b>SSZ14<br/>0251A</b> | <b>SSZ14<br/>0311A</b> | <b>SSZ14<br/>0371A</b> |
|------------------------------------------|------------------------|------------------------|------------------------|------------------------|
| <b>NOMINAL CAPACITIES</b>                |                        |                        |                        |                        |
| Cooling (BTU/h)                          | 18,000                 | 24,000                 | 30,000                 | 36,000                 |
| Heating (BTU/h)                          | 18,000                 | 24,000                 | 30,000                 | 36,000                 |
| Decibels                                 | 70                     | 72                     | 72                     | 74                     |
| <b>COMPRESSOR</b>                        |                        |                        |                        |                        |
| RLA                                      | 9.0                    | 12.8                   | 14.1                   | 14.1                   |
| LRA                                      | 48.0                   | 58.3                   | 73.0                   | 77.0                   |
| <b>CONDENSER FAN MOTOR</b>               |                        |                        |                        |                        |
| Horsepower                               | 1/12                   | 1/6                    | 1/6                    | ¼                      |
| FLA                                      | 0.6                    | 1.1                    | 1.0                    | 1.5                    |
| <b>REFRIGERATION SYSTEM</b>              |                        |                        |                        |                        |
| Refrigerant Line Size <sup>1</sup>       |                        |                        |                        |                        |
| Liquid Line Size ("O.D.)                 | ⅜"                     | ⅜"                     | ⅜"                     | ⅜"                     |
| Suction Line Size ("O.D.)                | ¾"                     | ¾"                     | ¾"                     | ¾"                     |
| Refrigerant Connection Size              |                        |                        |                        |                        |
| Liquid Valve Size ("O.D.)                | ⅜"                     | ⅜"                     | ⅜"                     | ⅜"                     |
| Suction Valve Size ("O.D.)               | ¾"                     | ¾"                     | ¾"                     | ¾"                     |
| Valve Connection Type                    | Sweat                  | Sweat                  | Sweat                  | Sweat                  |
| Refrigerant Charge                       | 140                    | 160                    | 185                    | 186                    |
| <b>ELECTRICAL DATA</b>                   |                        |                        |                        |                        |
| Volts / Hz / Phase                       | 208/230-60-1           | 208/230-60-1           | 208/230-60-1           | 208/230-60-1           |
| Minimum Circuit Ampacity <sup>2</sup>    | 11.9                   | 17.1                   | 18.6                   | 19.1                   |
| Max. Overcurrent Protection <sup>3</sup> | 20                     | 25                     | 30                     | 30                     |
| Min / Max Volts                          | 197 / 253              | 197 / 253              | 197 / 253              | 197 / 253              |
| Electrical Conduit Size                  | ½" or ¾"               | ½" or ¾"               | ½" or ¾"               | ½" or ¾"               |
| <b>SHIP WEIGHT (LBS)</b>                 | 199                    | 207                    | 219                    | 215                    |

<sup>1</sup> Tested and rated in accordance with ARI Standard 210/240

<sup>2</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

<sup>3</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

## **NOTES**

- Always check the rating plate for electrical data on the unit being installed.
- Installer will need to supply ⅝" to 1⅝" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of ⅝" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

# EXPANDED COOLING DATA — SSZ140191A\* / ARPT24B14A\*

| IDB     |                                                                               | OUTDOOR AMBIENT TEMPERATURE          |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |       |                                      |      |      |      |      |      |
|---------|-------------------------------------------------------------------------------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|--------------------------------------|------|------|------|------|------|
|         |                                                                               | 65°F                                 |      |      |      |      |      | 75°F |      |      |      |      |      | 95°F  |      |      |      |      |      | 105°F |                                      |      |      |      |      |      |
|         |                                                                               | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |       |                                      |      |      |      |      |      |
| AIRFLOW | 59                                                                            | 63                                   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63    | 67   | 71   | 59   | 63   | 67   | 71    | 59                                   | 63   | 67   | 71   |      |      |
| 70      | MBh                                                                           | 16.9                                 | 17.5 | 19.2 | -    | 16.5 | 17.1 | 18.7 | -    | 16.1 | 16.7 | 18.3 | -    | 15.7  | 16.3 | 17.8 | -    | 14.9 | 15.5 | 16.9  | -                                    | 13.8 | 14.3 | 15.7 | -    |      |
|         | S/T                                                                           | 0.69                                 | 0.58 | 0.40 | -    | 0.72 | 0.60 | 0.41 | -    | 0.74 | 0.61 | 0.43 | -    | 0.76  | 0.63 | 0.44 | -    | 0.79 | 0.66 | 0.46  | -                                    | 0.79 | 0.66 | 0.46 | -    |      |
|         | ΔT                                                                            | 20                                   | 18   | 13   | -    | 21   | 18   | 14   | -    | 21   | 18   | 14   | -    | 21    | 18   | 14   | -    | 21   | 18   | 14    | -                                    | 19   | 17   | 13   | -    |      |
|         | kW                                                                            | 1.06                                 | 1.08 | 1.10 | -    | 1.12 | 1.14 | 1.17 | -    | 1.18 | 1.20 | 1.23 | -    | 1.23  | 1.25 | 1.29 | -    | 1.28 | 1.30 | 1.34  | -                                    | 1.31 | 1.34 | 1.38 | -    |      |
|         | Amps                                                                          | 3.9                                  | 4.0  | 4.1  | -    | 4.2  | 4.3  | 4.4  | -    | 4.6  | 4.7  | 4.8  | -    | 4.9   | 5.0  | 5.1  | -    | 5.1  | 5.3  | 5.4   | -                                    | 5.4  | 5.6  | 5.7  | -    |      |
|         | Hi PR                                                                         | 208                                  | 223  | 236  | -    | 233  | 251  | 265  | -    | 265  | 285  | 301  | -    | 302   | 325  | 343  | -    | 340  | 365  | 386   | -                                    | 375  | 404  | 426  | -    |      |
|         | Lo PR                                                                         | 105                                  | 112  | 122  | -    | 111  | 118  | 129  | -    | 115  | 123  | 134  | -    | 121   | 129  | 141  | -    | 127  | 135  | 147   | -                                    | 131  | 140  | 152  | -    |      |
|         | MBh                                                                           | 17.1                                 | 17.7 | 19.4 | -    | 16.7 | 17.3 | 19.0 | -    | 16.3 | 16.9 | 18.5 | -    | 15.9  | 16.5 | 18.1 | -    | 15.1 | 15.7 | 17.2  | -                                    | 14.0 | 14.5 | 15.9 | -    |      |
| 580     | S/T                                                                           | 0.72                                 | 0.60 | 0.42 | -    | 0.74 | 0.62 | 0.43 | -    | 0.76 | 0.64 | 0.44 | -    | 0.79  | 0.66 | 0.46 | -    | 0.82 | 0.68 | 0.47  | -                                    | 0.82 | 0.69 | 0.48 | -    |      |
|         | ΔT                                                                            | 19                                   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20    | 17   | 13   | -    | 20   | 17   | 13    | -                                    | 18   | 16   | 12   | -    |      |
|         | kW                                                                            | 1.07                                 | 1.09 | 1.12 | -    | 1.14 | 1.16 | 1.19 | -    | 1.19 | 1.22 | 1.25 | -    | 1.25  | 1.27 | 1.31 | -    | 1.29 | 1.32 | 1.35  | -                                    | 1.33 | 1.35 | 1.39 | -    |      |
|         | Amps                                                                          | 4.0                                  | 4.1  | 4.2  | -    | 4.3  | 4.4  | 4.5  | -    | 4.6  | 4.7  | 4.9  | -    | 4.9   | 5.0  | 5.2  | -    | 5.2  | 5.3  | 5.5   | -                                    | 5.5  | 5.7  | 5.8  | -    |      |
|         | Hi PR                                                                         | 211                                  | 227  | 240  | -    | 237  | 255  | 269  | -    | 270  | 290  | 306  | -    | 307   | 330  | 349  | -    | 345  | 372  | 392   | -                                    | 382  | 411  | 434  | -    |      |
|         | Lo PR                                                                         | 107                                  | 114  | 124  | -    | 113  | 120  | 131  | -    | 117  | 125  | 136  | -    | 123   | 131  | 143  | -    | 129  | 137  | 150   | -                                    | 134  | 142  | 155  | -    |      |
|         | MBh                                                                           | 17.6                                 | 18.3 | 20.0 | -    | 17.2 | 17.9 | 19.6 | -    | 16.8 | 17.4 | 19.1 | -    | 16.4  | 17.0 | 18.6 | -    | 15.6 | 16.2 | 17.7  | -                                    | 14.4 | 15.0 | 16.4 | -    |      |
|         | S/T                                                                           | 0.75                                 | 0.63 | 0.44 | -    | 0.78 | 0.65 | 0.45 | -    | 0.80 | 0.67 | 0.46 | -    | 0.83  | 0.69 | 0.48 | -    | 0.86 | 0.72 | 0.50  | -                                    | 0.86 | 0.72 | 0.50 | -    |      |
| 675     | ΔT                                                                            | 18                                   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18    | 16   | 12   | -    | 18   | 16   | 12    | -                                    | 17   | 15   | 11   | -    |      |
|         | kW                                                                            | 1.08                                 | 1.09 | 1.12 | -    | 1.14 | 1.16 | 1.19 | -    | 1.20 | 1.22 | 1.26 | -    | 1.26  | 1.28 | 1.31 | -    | 1.30 | 1.32 | 1.36  | -                                    | 1.34 | 1.36 | 1.40 | -    |      |
|         | Amps                                                                          | 4.0                                  | 4.1  | 4.2  | -    | 4.3  | 4.4  | 4.6  | -    | 4.7  | 4.8  | 4.9  | -    | 5.0   | 5.1  | 5.2  | -    | 5.3  | 5.4  | 5.6   | -                                    | 5.6  | 5.7  | 5.9  | -    |      |
|         | Hi PR                                                                         | 213                                  | 230  | 242  | -    | 239  | 258  | 272  | -    | 272  | 293  | 309  | -    | 310   | 334  | 352  | -    | 349  | 375  | 396   | -                                    | 385  | 415  | 438  | -    |      |
|         | Lo PR                                                                         | 108                                  | 115  | 125  | -    | 114  | 121  | 132  | -    | 118  | 126  | 138  | -    | 124   | 132  | 145  | -    | 130  | 139  | 151   | -                                    | 135  | 143  | 157  | -    |      |
|         | 75                                                                            | MBh                                  | 17.2 | 17.7 | 19.1 | 20.5 | 16.8 | 17.3 | 18.7 | 20.0 | 16.4 | 16.8 | 18.2 | 19.6  | 16.0 | 16.4 | 17.8 | 19.1 | 15.2 | 15.6  | 16.9                                 | 18.1 | 14.0 | 14.5 | 15.6 | 16.8 |
|         |                                                                               | S/T                                  | 0.79 | 0.70 | 0.53 | 0.34 | 0.82 | 0.73 | 0.55 | 0.36 | 0.84 | 0.75 | 0.57 | 0.36  | 0.86 | 0.77 | 0.58 | 0.38 | 0.90 | 0.80  | 0.61                                 | 0.39 | 0.90 | 0.81 | 0.61 | 0.39 |
|         |                                                                               | ΔT                                   | 24   | 22   | 18   | 12   | 24   | 22   | 18   | 12   | 24   | 22   | 18   | 12    | 24   | 22   | 18   | 12   | 24   | 22    | 18                                   | 12   | 22   | 20   | 17   | 12   |
| kW      |                                                                               | 1.06                                 | 1.08 | 1.11 | 1.14 | 1.13 | 1.15 | 1.18 | 1.21 | 1.19 | 1.21 | 1.24 | 1.28 | 1.24  | 1.26 | 1.30 | 1.34 | 1.28 | 1.31 | 1.35  | 1.38                                 | 1.32 | 1.35 | 1.39 | 1.43 |      |
| Amps    |                                                                               | 4.0                                  | 4.0  | 4.2  | 4.3  | 4.3  | 4.4  | 4.5  | 4.6  | 4.6  | 4.7  | 4.9  | 5.0  | 4.9   | 5.0  | 5.2  | 5.4  | 5.2  | 5.3  | 5.5   | 5.7                                  | 5.5  | 5.6  | 5.8  | 6.0  |      |
| Hi PR   |                                                                               | 210                                  | 226  | 238  | 249  | 235  | 253  | 267  | 279  | 268  | 288  | 304  | 317  | 305   | 328  | 346  | 361  | 343  | 369  | 390   | 407                                  | 379  | 408  | 431  | 449  |      |
| Lo PR   |                                                                               | 106                                  | 113  | 123  | 131  | 112  | 119  | 130  | 139  | 116  | 124  | 135  | 144  | 122   | 130  | 142  | 151  | 128  | 136  | 149   | 159                                  | 133  | 141  | 154  | 164  |      |
| MBh     |                                                                               | 17.4                                 | 17.9 | 19.4 | 20.8 | 17.0 | 17.5 | 19.0 | 20.3 | 16.6 | 17.1 | 18.5 | 19.9 | 16.2  | 16.7 | 18.1 | 19.4 | 15.4 | 15.8 | 17.2  | 18.4                                 | 14.3 | 14.7 | 15.9 | 17.1 |      |
| 525     | S/T                                                                           | 0.82                                 | 0.73 | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.89  | 0.80 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63  | 0.40                                 | 0.94 | 0.84 | 0.63 | 0.41 |      |
|         | ΔT                                                                            | 23                                   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23    | 21   | 17   | 12   | 23   | 21   | 17    | 12                                   | 21   | 19   | 16   | 11   |      |
|         | kW                                                                            | 1.08                                 | 1.09 | 1.12 | 1.15 | 1.14 | 1.16 | 1.19 | 1.23 | 1.20 | 1.23 | 1.26 | 1.29 | 1.26  | 1.28 | 1.31 | 1.35 | 1.30 | 1.32 | 1.36  | 1.40                                 | 1.34 | 1.36 | 1.40 | 1.44 |      |
|         | Amps                                                                          | 4.0                                  | 4.1  | 4.2  | 4.4  | 4.3  | 4.4  | 4.6  | 4.7  | 4.7  | 4.8  | 4.9  | 5.1  | 5.0   | 5.1  | 5.2  | 5.4  | 5.3  | 5.4  | 5.6   | 5.8                                  | 5.6  | 5.7  | 5.9  | 6.1  |      |
|         | Hi PR                                                                         | 213                                  | 230  | 242  | 253  | 239  | 258  | 272  | 284  | 272  | 293  | 309  | 323  | 310   | 334  | 352  | 368  | 349  | 375  | 396   | 414                                  | 386  | 415  | 438  | 457  |      |
|         | Lo PR                                                                         | 108                                  | 115  | 125  | 133  | 114  | 121  | 132  | 141  | 118  | 126  | 138  | 147  | 124   | 132  | 145  | 154  | 130  | 139  | 151   | 161                                  | 135  | 144  | 157  | 167  |      |
|         | MBh                                                                           | 17.9                                 | 18.5 | 20.0 | 21.5 | 17.5 | 18.0 | 19.5 | 21.0 | 17.1 | 17.6 | 19.1 | 20.5 | 16.7  | 17.2 | 18.6 | 20.0 | 15.9 | 16.3 | 17.7  | 19.0                                 | 14.7 | 15.1 | 16.4 | 17.6 |      |
|         | S/T                                                                           | 0.86                                 | 0.76 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.91 | 0.81 | 0.62 | 0.40 | 0.94  | 0.84 | 0.64 | 0.41 | 0.97 | 0.87 | 0.66  | 0.42                                 | 0.98 | 0.88 | 0.66 | 0.43 |      |
| 675     | ΔT                                                                            | 21                                   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21    | 20   | 16   | 11   | 21   | 19   | 16    | 11                                   | 20   | 18   | 15   | 10   |      |
|         | kW                                                                            | 1.08                                 | 1.10 | 1.13 | 1.16 | 1.15 | 1.17 | 1.20 | 1.24 | 1.21 | 1.23 | 1.27 | 1.30 | 1.26  | 1.29 | 1.32 | 1.36 | 1.31 | 1.33 | 1.37  | 1.41                                 | 1.35 | 1.37 | 1.41 | 1.45 |      |
|         | Amps                                                                          | 4.1                                  | 4.1  | 4.3  | 4.4  | 4.4  | 4.5  | 4.6  | 4.8  | 4.7  | 4.8  | 5.0  | 5.1  | 5.0   | 5.1  | 5.3  | 5.5  | 5.3  | 5.4  | 5.6   | 5.8                                  | 5.6  | 5.7  | 5.9  | 6.2  |      |
|         | Hi PR                                                                         | 216                                  | 232  | 245  | 255  | 242  | 260  | 275  | 287  | 275  | 296  | 313  | 326  | 313   | 337  | 356  | 371  | 352  | 379  | 400   | 418                                  | 389  | 419  | 442  | 461  |      |
|         | Lo PR                                                                         | 109                                  | 116  | 127  | 135  | 115  | 122  | 134  | 142  | 120  | 127  | 139  | 148  | 126   | 134  | 146  | 155  | 132  | 140  | 153   | 163                                  | 136  | 145  | 158  | 169  |      |
|         | Shaded area reflects ACCA (TVA) conditions                                    |                                      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       | kW = Total system power              |      |      |      |      |      |
|         | DB: Entering Indoor Dry Bulb Temperature                                      |                                      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       | Amps = outdoor unit amps (comp.+fan) |      |      |      |      |      |
|         | High and low pressures are measured at the liquid and suction service valves. |                                      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |                                      |      |      |      |      |      |

# EXPANDED COOLING DATA — SSZ140191A\* / ARPT24B14A\* (CONT.)

| IDB     |       | OUTDOOR AMBIENT TEMPERATURE          |      |      |      |      |      |      |      |      |      |      |      | 105°F |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |
|---------|-------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|
|         |       | 65°F                                 |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      |       |      |      |      |
|         |       | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |
| AIRFLOW | 59    | 63                                   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63    | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63    | 67   | 71   |      |
| 525     | MBh   | 17.5                                 | 17.8 | 19.1 | 20.4 | 17.1 | 17.4 | 18.6 | 19.9 | 16.6 | 17.0 | 18.2 | 19.4 | 16.2  | 16.6 | 17.7 | 19.0 | 15.4 | 15.8 | 16.8 | 18.0 | 14.3 | 14.6 | 15.6 | 16.7 | 14.3  | 14.6 | 15.6 | 16.7 |
|         | S/T   | 0.86                                 | 0.81 | 0.66 | 0.49 | 0.89 | 0.84 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.95  | 0.89 | 0.72 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 0.99 | 0.93 | 0.76 | 0.57 | 0.99  | 0.93 | 0.76 | 0.57 |
|         | ΔT    | 26                                   | 25   | 22   | 18   | 27   | 26   | 22   | 18   | 27   | 26   | 22   | 18   | 27    | 26   | 22   | 18   | 27   | 25   | 22   | 18   | 25   | 24   | 21   | 17   | 25    | 24   | 21   | 17   |
|         | kW    | 1.07                                 | 1.09 | 1.12 | 1.15 | 1.14 | 1.16 | 1.19 | 1.22 | 1.20 | 1.22 | 1.25 | 1.29 | 1.25  | 1.27 | 1.31 | 1.35 | 1.29 | 1.32 | 1.36 | 1.39 | 1.33 | 1.36 | 1.40 | 1.44 | 1.33  | 1.36 | 1.40 | 1.44 |
|         | Amps  | 4.0                                  | 4.1  | 4.2  | 4.4  | 4.3  | 4.4  | 4.5  | 4.7  | 4.6  | 4.7  | 4.9  | 5.1  | 4.9   | 5.1  | 5.2  | 5.4  | 5.2  | 5.4  | 5.5  | 5.7  | 5.5  | 5.7  | 5.8  | 6.1  | 5.5   | 5.7  | 5.8  | 6.1  |
|         | Hi PR | 212                                  | 228  | 241  | 251  | 238  | 256  | 270  | 282  | 270  | 291  | 307  | 320  | 308   | 331  | 350  | 365  | 346  | 373  | 394  | 411  | 383  | 412  | 435  | 454  | 383   | 412  | 435  | 454  |
| 80      | LO PR | 107                                  | 114  | 124  | 133  | 113  | 120  | 131  | 140  | 118  | 125  | 137  | 146  | 124   | 131  | 144  | 153  | 130  | 138  | 150  | 160  | 134  | 143  | 156  | 166  | 134   | 143  | 156  | 166  |
|         | MBh   | 17.7                                 | 18.1 | 19.4 | 20.7 | 17.3 | 17.7 | 18.9 | 20.2 | 16.9 | 17.3 | 18.5 | 19.7 | 16.5  | 16.8 | 18.0 | 19.2 | 15.7 | 16.0 | 17.1 | 18.3 | 14.5 | 14.8 | 15.8 | 16.9 | 14.5  | 14.8 | 15.8 | 16.9 |
|         | S/T   | 0.89                                 | 0.84 | 0.68 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 0.98  | 0.92 | 0.75 | 0.56 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 0.96 | 0.78 | 0.59 | 1.00  | 0.96 | 0.78 | 0.59 |
|         | ΔT    | 25                                   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 26    | 25   | 21   | 17   | 25   | 24   | 21   | 17   | 23   | 23   | 20   | 16   | 23    | 23   | 20   | 16   |
|         | kW    | 1.08                                 | 1.10 | 1.13 | 1.16 | 1.15 | 1.17 | 1.20 | 1.24 | 1.21 | 1.23 | 1.27 | 1.30 | 1.26  | 1.29 | 1.32 | 1.36 | 1.31 | 1.33 | 1.37 | 1.41 | 1.35 | 1.37 | 1.41 | 1.46 | 1.35  | 1.37 | 1.41 | 1.46 |
|         | Amps  | 4.1                                  | 4.1  | 4.3  | 4.4  | 4.4  | 4.5  | 4.6  | 4.8  | 4.7  | 4.8  | 5.0  | 5.1  | 5.0   | 5.1  | 5.3  | 5.5  | 5.3  | 5.4  | 5.6  | 5.8  | 5.6  | 5.8  | 5.9  | 6.2  | 5.6   | 5.8  | 5.9  | 6.2  |
| 675     | Hi PR | 216                                  | 232  | 245  | 255  | 242  | 260  | 275  | 287  | 275  | 296  | 313  | 326  | 313   | 337  | 356  | 371  | 352  | 379  | 401  | 418  | 389  | 419  | 443  | 462  | 389   | 419  | 443  | 462  |
|         | LO PR | 109                                  | 116  | 127  | 135  | 115  | 123  | 134  | 142  | 120  | 127  | 139  | 148  | 126   | 134  | 146  | 155  | 132  | 140  | 153  | 163  | 136  | 145  | 158  | 169  | 136   | 145  | 158  | 169  |
|         | MBh   | 18.3                                 | 18.7 | 19.9 | 21.3 | 17.8 | 18.2 | 19.5 | 20.8 | 17.4 | 17.8 | 19.0 | 20.3 | 17.0  | 17.4 | 18.5 | 19.8 | 16.1 | 16.5 | 17.6 | 18.8 | 14.9 | 15.3 | 16.3 | 17.4 | 14.9  | 15.3 | 16.3 | 17.4 |
|         | S/T   | 0.94                                 | 0.88 | 0.72 | 0.54 | 1.00 | 0.91 | 0.74 | 0.55 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00  | 0.96 | 0.79 | 0.59 | 1.00 | 1.00 | 0.82 | 0.61 | 1.00 | 1.00 | 0.82 | 0.61 | 1.00  | 1.00 | 0.82 | 0.61 |
|         | ΔT    | 23                                   | 22   | 19   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 23    | 23   | 20   | 16   | 22   | 22   | 20   | 16   | 20   | 21   | 18   | 15   | 20    | 21   | 18   | 15   |
|         | kW    | 1.09                                 | 1.11 | 1.14 | 1.17 | 1.16 | 1.18 | 1.21 | 1.24 | 1.22 | 1.24 | 1.28 | 1.31 | 1.27  | 1.30 | 1.33 | 1.37 | 1.32 | 1.34 | 1.38 | 1.42 | 1.36 | 1.38 | 1.42 | 1.47 | 1.36  | 1.38 | 1.42 | 1.47 |
| 85      | Amps  | 4.1                                  | 4.2  | 4.3  | 4.5  | 4.4  | 4.5  | 4.6  | 4.8  | 4.8  | 4.9  | 5.0  | 5.2  | 5.1   | 5.2  | 5.3  | 5.5  | 5.4  | 5.5  | 5.7  | 5.9  | 5.7  | 5.8  | 6.0  | 6.2  | 5.7   | 5.8  | 6.0  | 6.2  |
|         | Hi PR | 218                                  | 234  | 247  | 258  | 244  | 263  | 278  | 290  | 278  | 299  | 316  | 329  | 316   | 341  | 360  | 375  | 356  | 383  | 405  | 422  | 393  | 423  | 447  | 466  | 393   | 423  | 447  | 466  |
|         | LO PR | 110                                  | 117  | 128  | 136  | 116  | 124  | 135  | 144  | 121  | 129  | 140  | 150  | 127   | 135  | 147  | 157  | 133  | 142  | 155  | 165  | 138  | 146  | 160  | 170  | 138   | 146  | 160  | 170  |
|         | MBh   | 17.8                                 | 18.1 | 19.0 | 20.2 | 17.4 | 17.7 | 18.5 | 19.8 | 16.9 | 17.3 | 18.1 | 19.3 | 16.5  | 16.8 | 17.6 | 18.8 | 15.7 | 16.0 | 16.8 | 17.9 | 14.5 | 14.8 | 15.5 | 16.6 | 14.5  | 14.8 | 15.5 | 16.6 |
|         | S/T   | 0.90                                 | 0.87 | 0.79 | 0.64 | 0.94 | 0.90 | 0.82 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99  | 0.96 | 0.86 | 0.70 | 1.00 | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00  | 1.00 | 0.90 | 0.73 |
|         | ΔT    | 28                                   | 28   | 26   | 23   | 28   | 28   | 26   | 23   | 29   | 28   | 27   | 23   | 29    | 28   | 27   | 23   | 27   | 28   | 26   | 23   | 25   | 26   | 25   | 21   | 25    | 26   | 25   | 21   |
| 525     | kW    | 1.08                                 | 1.10 | 1.13 | 1.15 | 1.15 | 1.17 | 1.20 | 1.23 | 1.21 | 1.23 | 1.26 | 1.30 | 1.26  | 1.28 | 1.32 | 1.35 | 1.30 | 1.33 | 1.37 | 1.40 | 1.34 | 1.37 | 1.41 | 1.45 | 1.34  | 1.37 | 1.41 | 1.45 |
|         | Amps  | 4.0                                  | 4.1  | 4.2  | 4.4  | 4.3  | 4.4  | 4.6  | 4.7  | 4.7  | 4.8  | 4.9  | 5.1  | 5.0   | 5.1  | 5.3  | 5.5  | 5.3  | 5.4  | 5.6  | 5.8  | 5.6  | 5.7  | 5.9  | 6.1  | 5.6   | 5.7  | 5.9  | 6.1  |
|         | Hi PR | 214                                  | 230  | 243  | 254  | 240  | 258  | 273  | 285  | 273  | 294  | 310  | 324  | 311   | 335  | 353  | 369  | 350  | 377  | 398  | 415  | 387  | 416  | 439  | 458  | 387   | 416  | 439  | 458  |
|         | LO PR | 108                                  | 115  | 126  | 134  | 114  | 122  | 133  | 141  | 119  | 126  | 138  | 147  | 125   | 133  | 145  | 154  | 131  | 139  | 152  | 162  | 135  | 144  | 157  | 167  | 135   | 144  | 157  | 167  |
|         | MBh   | 18.0                                 | 18.4 | 19.3 | 20.5 | 17.6 | 18.0 | 18.8 | 20.1 | 17.2 | 17.5 | 18.4 | 19.6 | 16.8  | 17.1 | 17.9 | 19.1 | 15.9 | 16.2 | 17.0 | 18.2 | 14.8 | 15.0 | 15.8 | 16.8 | 14.8  | 15.0 | 15.8 | 16.8 |
|         | S/T   | 0.94                                 | 0.90 | 0.82 | 0.66 | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.96 | 0.87 | 0.70 | 1.00  | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.75 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00  | 1.00 | 0.94 | 0.76 |
| 580     | ΔT    | 27                                   | 26   | 25   | 22   | 27   | 27   | 25   | 22   | 27   | 27   | 25   | 22   | 27    | 27   | 25   | 22   | 25   | 26   | 25   | 22   | 23   | 24   | 23   | 20   | 23    | 24   | 23   | 20   |
|         | kW    | 1.09                                 | 1.11 | 1.14 | 1.17 | 1.16 | 1.18 | 1.21 | 1.24 | 1.22 | 1.24 | 1.28 | 1.31 | 1.27  | 1.30 | 1.33 | 1.37 | 1.32 | 1.34 | 1.38 | 1.42 | 1.36 | 1.38 | 1.42 | 1.47 | 1.36  | 1.38 | 1.42 | 1.47 |
|         | Amps  | 4.1                                  | 4.2  | 4.3  | 4.5  | 4.4  | 4.5  | 4.6  | 4.8  | 4.8  | 4.9  | 5.0  | 5.2  | 5.1   | 5.2  | 5.3  | 5.5  | 5.4  | 5.5  | 5.7  | 5.9  | 5.7  | 5.8  | 6.0  | 6.2  | 5.7   | 5.8  | 6.0  | 6.2  |
|         | Hi PR | 218                                  | 234  | 247  | 258  | 244  | 263  | 278  | 290  | 278  | 299  | 316  | 329  | 316   | 341  | 360  | 375  | 356  | 383  | 405  | 422  | 393  | 423  | 447  | 466  | 393   | 423  | 447  | 466  |
|         | LO PR | 110                                  | 117  | 128  | 136  | 116  | 124  | 135  | 144  | 121  | 129  | 140  | 150  | 127   | 135  | 147  | 157  | 133  | 142  | 155  | 165  | 138  | 146  | 160  | 170  | 138   | 146  | 160  | 170  |
|         | 675   | MBh                                  | 18.6 | 18.9 | 19.8 | 21.2 | 18.1 | 18.5 | 19.4 | 20.7 | 17.7 | 18.1 | 18.9 | 20.2  | 17.3 | 17.6 | 18.4 | 19.7 | 16.4 | 16.7 | 17.5 | 18.7 | 15.2 | 15.5 | 16.2 | 17.3  | 15.2 | 15.5 | 16.2 |
| S/T     |       | 0.98                                 | 0.95 | 0.86 | 0.69 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00  | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.97 | 0.79 | 1.00 | 1.00 | 0.98 | 0.80 | 1.00  | 1.00 | 0.98 | 0.80 |
| ΔT      |       | 25                                   | 24   | 23   | 20   | 25   | 25   | 23   | 20   | 24   | 25   | 23   | 20   | 24    | 24   | 24   | 20   | 22   | 23   | 23   | 20   | 21   | 21   | 22   | 19   | 21    | 21   | 22   | 19   |
| kW      |       | 1.10                                 | 1.12 | 1.15 | 1.18 | 1.17 | 1.19 | 1.22 | 1.25 | 1.23 | 1.25 | 1.29 | 1.32 | 1.28  | 1.31 | 1.34 | 1.38 | 1.33 | 1.35 | 1.39 | 1.43 | 1.37 | 1.39 | 1.43 | 1.48 | 1.37  | 1.39 | 1.43 | 1.48 |
| Amps    |       | 4.1                                  | 4.2  | 4.3  | 4.5  | 4.4  | 4.5  | 4.7  | 4.8  | 4.8  | 4.9  | 5.1  | 5.2  | 5.1   | 5.2  | 5.4  | 5.6  | 5.4  | 5.5  | 5.7  | 5.9  | 5.7  | 5.9  | 6.0  | 6.3  | 5.7   | 5.9  | 6.0  | 6.3  |
| Hi PR   |       | 220                                  | 237  | 250  | 261  | 247  | 265  | 280  | 292  | 281  | 302  | 319  | 333  | 320   | 344  | 363  | 379  | 360  | 387  | 409  | 426  | 397  | 427  | 451  | 471  | 397   | 427  | 451  | 471  |
| LO PR   | 111   | 118                                  | 129  | 138  | 117  | 125  | 136  | 145  | 122  | 130  | 142  | 151  | 128  | 136   | 149  | 159  | 134  | 143  | 156  | 166  | 139  | 148  | 161  | 172  | 139  | 148   | 161  | 172  |      |

# EXPANDED COOLING DATA — SSZ140251A\* / ARPT24B14A\*

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE          |      |      |      |    |      |      |      |    |      |      |      |      |      |      |      |    |      |      |      |    |      |      |      |       |    |    |    |  |  |       |  |  |  |  |  |
|-----|---------|--------------------------------------|------|------|------|----|------|------|------|----|------|------|------|------|------|------|------|----|------|------|------|----|------|------|------|-------|----|----|----|--|--|-------|--|--|--|--|--|
|     |         | 65°F                                 |      |      |      |    |      | 75°F |      |    |      |      |      | 85°F |      |      |      |    |      | 95°F |      |    |      |      |      | 105°F |    |    |    |  |  | 115°F |  |  |  |  |  |
|     |         | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |    |      |      |      |    |      |      |      |      |      |      |      |    |      |      |      |    |      |      |      |       |    |    |    |  |  |       |  |  |  |  |  |
|     |         | 59                                   | 63   | 67   | 71   | 59 | 63   | 67   | 71   | 59 | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59 | 63   | 67   | 71   | 59 | 63   | 67   | 71   | 59    | 63 | 67 | 71 |  |  |       |  |  |  |  |  |
| 70  | 700     | MBh                                  | 21.1 | 21.8 | 23.9 | -  | 20.6 | 21.3 | 23.4 | -  | 20.1 | 20.8 | 22.8 | -    | 19.6 | 20.3 | 22.3 | -  | 18.6 | 19.3 | 21.1 | -  | 17.3 | 17.9 | 19.6 | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | S/T                                  | 0.70 | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.62 | 0.43 | -    | 0.76 | 0.64 | 0.44 | -  | 0.79 | 0.66 | 0.46 | -  | 0.80 | 0.67 | 0.46 | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | ΔT                                   | 19   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -    | 20   | 17   | 13   | -  | 19   | 17   | 13   | -  | 18   | 16   | 12   | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | kW                                   | 1.34 | 1.37 | 1.40 | -  | 1.43 | 1.46 | 1.50 | -  | 1.51 | 1.54 | 1.59 | -    | 1.59 | 1.62 | 1.67 | -  | 1.65 | 1.68 | 1.73 | -  | 1.70 | 1.74 | 1.79 | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | Amps                                 | 4.9  | 5.0  | 5.2  | -  | 5.3  | 5.4  | 5.6  | -  | 5.7  | 5.9  | 6.1  | -    | 6.1  | 6.3  | 6.5  | -  | 6.5  | 6.7  | 6.9  | -  | 6.9  | 7.1  | 7.3  | -     |    |    |    |  |  |       |  |  |  |  |  |
| 820 | 820     | HI PR                                | 205  | 221  | 233  | -  | 230  | 248  | 262  | -  | 262  | 282  | 298  | -    | 298  | 321  | 339  | -  | 336  | 361  | 381  | -  | 371  | 399  | 421  | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | LO PR                                | 101  | 108  | 118  | -  | 107  | 114  | 125  | -  | 111  | 119  | 129  | -    | 117  | 125  | 136  | -  | 123  | 130  | 142  | -  | 127  | 135  | 147  | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | MBh                                  | 22.8 | 23.7 | 25.9 | -  | 22.3 | 23.1 | 25.3 | -  | 21.8 | 22.6 | 24.7 | -    | 21.2 | 22.0 | 24.1 | -  | 20.2 | 20.9 | 22.9 | -  | 18.7 | 19.4 | 21.2 | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | S/T                                  | 0.72 | 0.60 | 0.42 | -  | 0.75 | 0.63 | 0.43 | -  | 0.77 | 0.64 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -  | 0.82 | 0.69 | 0.48 | -  | 0.83 | 0.69 | 0.48 | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | ΔT                                   | 18   | 16   | 12   | -  | 19   | 16   | 12   | -  | 19   | 16   | 12   | -    | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 17   | 15   | 11   | -     |    |    |    |  |  |       |  |  |  |  |  |
| 900 | 900     | kW                                   | 1.37 | 1.40 | 1.44 | -  | 1.46 | 1.49 | 1.54 | -  | 1.55 | 1.58 | 1.63 | -    | 1.62 | 1.66 | 1.71 | -  | 1.69 | 1.72 | 1.78 | -  | 1.74 | 1.78 | 1.83 | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | Amps                                 | 5.0  | 5.1  | 5.3  | -  | 5.4  | 5.5  | 5.7  | -  | 5.9  | 6.0  | 6.2  | -    | 6.3  | 6.4  | 6.7  | -  | 6.7  | 6.9  | 7.1  | -  | 7.1  | 7.3  | 7.5  | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | HI PR                                | 212  | 228  | 240  | -  | 237  | 255  | 270  | -  | 270  | 290  | 307  | -    | 307  | 331  | 349  | -  | 346  | 372  | 393  | -  | 382  | 411  | 434  | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | LO PR                                | 105  | 111  | 122  | -  | 111  | 118  | 128  | -  | 115  | 122  | 133  | -    | 121  | 128  | 140  | -  | 126  | 135  | 147  | -  | 131  | 139  | 152  | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | MBh                                  | 23.1 | 23.9 | 26.2 | -  | 22.5 | 23.3 | 25.6 | -  | 22.0 | 22.8 | 25.0 | -    | 21.5 | 22.2 | 24.4 | -  | 20.4 | 21.1 | 23.1 | -  | 18.9 | 19.6 | 21.4 | -     |    |    |    |  |  |       |  |  |  |  |  |
| 900 | 900     | S/T                                  | 0.74 | 0.62 | 0.43 | -  | 0.76 | 0.64 | 0.44 | -  | 0.78 | 0.65 | 0.45 | -    | 0.81 | 0.67 | 0.47 | -  | 0.84 | 0.70 | 0.49 | -  | 0.85 | 0.71 | 0.49 | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | ΔT                                   | 17   | 15   | 11   | -  | 18   | 15   | 12   | -  | 18   | 15   | 12   | -    | 18   | 15   | 12   | -  | 17   | 15   | 11   | -  | 16   | 14   | 11   | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | kW                                   | 1.37 | 1.40 | 1.44 | -  | 1.47 | 1.50 | 1.54 | -  | 1.55 | 1.58 | 1.63 | -    | 1.63 | 1.66 | 1.71 | -  | 1.69 | 1.73 | 1.78 | -  | 1.75 | 1.78 | 1.84 | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | Amps                                 | 5.0  | 5.1  | 5.3  | -  | 5.4  | 5.6  | 5.7  | -  | 5.9  | 6.0  | 6.2  | -    | 6.3  | 6.5  | 6.7  | -  | 6.7  | 6.9  | 7.1  | -  | 7.1  | 7.3  | 7.5  | -     |    |    |    |  |  |       |  |  |  |  |  |
|     |         | HI PR                                | 212  | 228  | 241  | -  | 238  | 256  | 271  | -  | 271  | 291  | 308  | -    | 308  | 332  | 350  | -  | 347  | 373  | 394  | -  | 383  | 412  | 436  | -     |    |    |    |  |  |       |  |  |  |  |  |
| 900 | 900     | LO PR                                | 105  | 112  | 122  | -  | 111  | 118  | 129  | -  | 115  | 123  | 134  | -    | 121  | 129  | 141  | -  | 127  | 135  | 147  | -  | 131  | 140  | 152  | -     |    |    |    |  |  |       |  |  |  |  |  |

|     |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 700 | 700   | 21.4 | 22.1 | 23.9 | 25.6 | 20.9 | 21.6 | 23.3 | 25.0 | 20.4 | 21.0 | 22.8 | 24.4 | 19.9 | 20.5 | 22.2 | 23.8 | 18.9 | 19.5 | 21.1 | 22.7 | 17.5 | 18.1 | 19.6 | 21.0 |
|     | S/T   | 0.79 | 0.71 | 0.54 | 0.34 | 0.82 | 0.73 | 0.56 | 0.36 | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.91 | 0.81 | 0.62 | 0.40 |
|     | ΔT    | 22   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 22   | 21   | 17   | 12   | 21   | 19   | 16   | 11   |
|     | kW    | 1.35 | 1.38 | 1.41 | 1.46 | 1.44 | 1.47 | 1.51 | 1.56 | 1.53 | 1.56 | 1.60 | 1.65 | 1.60 | 1.63 | 1.68 | 1.73 | 1.66 | 1.70 | 1.75 | 1.80 | 1.72 | 1.75 | 1.80 | 1.86 |
|     | Amps  | 4.9  | 5.0  | 5.2  | 5.4  | 5.3  | 5.4  | 5.6  | 5.8  | 5.8  | 5.9  | 6.1  | 6.3  | 6.2  | 6.3  | 6.5  | 6.8  | 6.6  | 6.7  | 7.0  | 7.2  | 7.0  | 7.1  | 7.4  | 7.7  |
| 820 | HI PR | 207  | 223  | 236  | 246  | 233  | 250  | 264  | 276  | 265  | 285  | 301  | 314  | 301  | 324  | 342  | 357  | 339  | 365  | 385  | 402  | 374  | 403  | 426  | 444  |
|     | LO PR | 103  | 109  | 119  | 127  | 108  | 115  | 126  | 134  | 113  | 120  | 131  | 139  | 118  | 126  | 137  | 146  | 124  | 132  | 144  | 153  | 128  | 136  | 149  | 159  |
|     | MBh   | 23.2 | 23.9 | 25.9 | 27.8 | 22.7 | 23.4 | 25.3 | 27.1 | 22.1 | 22.8 | 24.7 | 26.5 | 21.6 | 22.2 | 24.1 | 25.8 | 20.5 | 21.1 | 22.9 | 24.5 | 19.0 | 19.6 | 21.2 | 22.7 |
|     | S/T   | 0.82 | 0.73 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.93 | 0.84 | 0.63 | 0.41 | 0.94 | 0.84 | 0.64 | 0.41 |
|     | ΔT    | 21   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 20   | 18   | 15   | 10   |
| 900 | kW    | 1.38 | 1.41 | 1.45 | 1.49 | 1.48 | 1.51 | 1.55 | 1.60 | 1.56 | 1.59 | 1.64 | 1.69 | 1.64 | 1.67 | 1.72 | 1.78 | 1.70 | 1.74 | 1.79 | 1.85 | 1.76 | 1.79 | 1.85 | 1.91 |
|     | Amps  | 5.1  | 5.2  | 5.3  | 5.5  | 5.5  | 5.6  | 5.8  | 6.0  | 5.9  | 6.1  | 6.3  | 6.5  | 6.4  | 6.5  | 6.7  | 7.0  | 6.8  | 6.9  | 7.2  | 7.4  | 7.2  | 7.3  | 7.6  | 7.9  |
|     | HI PR | 214  | 230  | 243  | 253  | 240  | 258  | 272  | 284  | 273  | 293  | 310  | 323  | 311  | 334  | 353  | 368  | 349  | 376  | 397  | 414  | 386  | 415  | 439  | 458  |
|     | LO PR | 106  | 112  | 123  | 131  | 112  | 119  | 130  | 138  | 116  | 123  | 135  | 144  | 122  | 130  | 142  | 151  | 128  | 136  | 148  | 158  | 132  | 141  | 153  | 163  |
|     | MBh   | 23.5 | 24.1 | 26.1 | 28.1 | 22.9 | 23.6 | 25.5 | 27.4 | 22.4 | 23.0 | 24.9 | 26.7 | 21.8 | 22.5 | 24.3 | 26.1 | 20.7 | 21.3 | 23.1 | 24.8 | 19.2 | 19.8 | 21.4 | 23.0 |
| 900 | S/T   | 0.84 | 0.75 | 0.57 | 0.36 | 0.87 | 0.78 | 0.59 | 0.38 | 0.89 | 0.80 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.65 | 0.42 | 0.96 | 0.86 | 0.65 | 0.42 |
|     | ΔT    | 20   | 18   | 15   | 10   | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 19   | 17   | 14   | 10   |
|     | kW    | 1.38 | 1.41 | 1.45 | 1.49 | 1.48 | 1.51 | 1.55 | 1.60 | 1.57 | 1.60 | 1.64 | 1.70 | 1.64 | 1.67 | 1.73 | 1.78 | 1.71 | 1.74 | 1.79 | 1.85 | 1.76 | 1.80 | 1.85 | 1.91 |
|     | Amps  | 5.1  | 5.2  | 5.4  | 5.6  | 5.5  | 5.6  | 5.8  | 6.0  | 6.0  | 6.1  | 6.3  | 6.5  | 6.4  | 6.5  | 6.7  | 7.0  | 6.8  | 6.9  | 7.2  | 7.5  | 7.2  | 7.4  | 7.6  | 7.9  |
|     | HI PR | 214  | 231  | 244  | 254  | 240  | 259  | 273  | 285  | 274  | 294  | 311  | 324  | 312  | 335  | 354  | 369  | 350  | 377  | 398  | 415  | 387  | 417  | 440  | 459  |
|     | LO PR | 106  | 113  | 123  | 131  | 112  | 119  | 130  | 139  | 116  | 124  | 135  | 144  | 122  | 130  | 142  | 151  | 128  | 136  | 149  | 158  | 133  | 141  | 154  | 164  |

IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions

kW = Total system power  
Amps = outdoor unit amps (comp.+fan)

# EXPANDED COOLING DATA — SSZ140251A\* / ARPT24B14A\* (CONT.)

|     |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |      |      |     |  |  |
|-----|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|------|-----|--|--|
|     |         | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |      | 115°F |      |      |     |  |  |
| IDB | AIRFLOW | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59   | 63   | 67    | 71   |      |     |  |  |
| 80  | MBh     | 21.8                        | 22.3 | 23.8 | 25.5 | 21.3 | 21.8 | 23.3 | 24.9 | 20.8 | 21.3 | 22.7 | 24.3 | 20.3 | 20.7 | 22.2 | 23.7 | 19.3 | 19.7 | 21.0 | 22.5 | 17.9 | 18.2 | 19.5 | 20.8 | 15.0  | 15.3 | 16.6 | 18.1 | 19.6 | 21.1 | 22.6  | 18.0 | 18.3 |     |  |  |
|     | S/T     | 0.87                        | 0.81 | 0.66 | 0.50 | 0.90 | 0.84 | 0.69 | 0.51 | 0.92 | 0.87 | 0.70 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 0.99 | 0.93 | 0.75 | 0.56 | 1.00 | 0.93 | 0.76 | 0.57 | 0.97  | 0.91 | 0.74 | 0.55 | 0.36 | 0.17 | 0.00  | 0.00 |      |     |  |  |
|     | ΔT      | 25                          | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 23   | 22   | 21   | 16   | 22    | 21   | 18   | 17   | 16   | 15   | 14    | 13   | 12   |     |  |  |
|     | kW      | 1.36                        | 1.39 | 1.42 | 1.47 | 1.45 | 1.48 | 1.53 | 1.57 | 1.54 | 1.57 | 1.62 | 1.66 | 1.61 | 1.64 | 1.69 | 1.75 | 1.67 | 1.71 | 1.76 | 1.82 | 1.73 | 1.76 | 1.82 | 1.88 | 1.78  | 1.81 | 1.87 | 1.93 | 1.99 | 2.05 | 2.11  | 2.17 | 2.23 |     |  |  |
|     | Amps    | 5.0                         | 5.1  | 5.3  | 5.4  | 5.4  | 5.5  | 5.7  | 5.9  | 5.8  | 6.0  | 6.2  | 6.4  | 6.2  | 6.4  | 6.6  | 6.8  | 6.6  | 6.8  | 7.0  | 7.3  | 7.0  | 7.2  | 7.4  | 7.7  | 7.4   | 7.7  | 8.0  | 8.3  | 8.6  | 8.9  | 9.2   | 9.5  | 9.8  |     |  |  |
| 80  | Hi PR   | 209                         | 225  | 238  | 248  | 235  | 253  | 267  | 278  | 267  | 288  | 304  | 317  | 304  | 327  | 346  | 361  | 342  | 368  | 389  | 406  | 378  | 407  | 430  | 448  | 350   | 375  | 398  | 421  | 444  | 467  | 490   | 513  | 536  | 559 |  |  |
|     | LO PR   | 104                         | 110  | 120  | 128  | 109  | 116  | 127  | 135  | 114  | 121  | 132  | 141  | 119  | 127  | 139  | 148  | 125  | 133  | 145  | 155  | 129  | 138  | 150  | 160  | 105   | 112  | 124  | 136  | 148  | 160  | 172   | 184  | 196  |     |  |  |
|     | MBh     | 23.6                        | 24.1 | 25.8 | 27.6 | 23.1 | 23.6 | 25.2 | 26.9 | 22.5 | 23.0 | 24.6 | 26.3 | 22.0 | 22.5 | 24.0 | 25.7 | 20.9 | 21.3 | 22.8 | 24.4 | 19.3 | 19.8 | 21.1 | 22.6 | 15.0  | 15.3 | 16.6 | 18.1 | 19.6 | 21.1 | 22.6  | 18.0 | 18.3 |     |  |  |
|     | S/T     | 0.90                        | 0.84 | 0.69 | 0.51 | 0.93 | 0.88 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 0.99 | 0.93 | 0.75 | 0.56 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 0.97 | 0.79 | 0.59 | 0.97  | 0.91 | 0.74 | 0.55 | 0.36 | 0.17 | 0.00  | 0.00 |      |     |  |  |
|     | ΔT      | 24                          | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 23   | 23   | 20   | 16   | 22   | 21   | 19   | 15   | 22    | 21   | 18   | 17   | 16   | 15   | 14    | 13   | 12   |     |  |  |
| 80  | kW      | 1.39                        | 1.42 | 1.46 | 1.50 | 1.49 | 1.52 | 1.56 | 1.61 | 1.57 | 1.61 | 1.65 | 1.70 | 1.65 | 1.68 | 1.74 | 1.79 | 1.71 | 1.75 | 1.80 | 1.86 | 1.77 | 1.81 | 1.86 | 1.92 | 1.78  | 1.81 | 1.87 | 1.93 | 1.99 | 2.05 | 2.11  | 2.17 | 2.23 |     |  |  |
|     | Amps    | 5.1                         | 5.2  | 5.4  | 5.6  | 5.5  | 5.7  | 5.8  | 6.1  | 6.0  | 6.1  | 6.3  | 6.6  | 6.4  | 6.6  | 6.8  | 7.0  | 6.8  | 7.0  | 7.2  | 7.5  | 7.2  | 7.4  | 7.7  | 8.0  | 7.4   | 7.7  | 8.0  | 8.3  | 8.6  | 8.9  | 9.2   | 9.5  | 9.8  |     |  |  |
|     | Hi PR   | 216                         | 232  | 245  | 256  | 242  | 261  | 275  | 287  | 275  | 296  | 313  | 326  | 314  | 338  | 357  | 372  | 353  | 380  | 401  | 418  | 390  | 420  | 443  | 462  | 358   | 383  | 406  | 429  | 452  | 475  | 498   | 521  | 544  |     |  |  |
|     | LO PR   | 107                         | 114  | 124  | 132  | 113  | 120  | 131  | 140  | 117  | 125  | 136  | 145  | 123  | 131  | 143  | 152  | 129  | 137  | 150  | 160  | 133  | 142  | 155  | 165  | 107   | 114  | 124  | 136  | 148  | 160  | 172   | 184  | 196  |     |  |  |
|     | MBh     | 23.9                        | 24.4 | 26.1 | 27.9 | 23.3 | 23.8 | 25.5 | 27.2 | 22.8 | 23.3 | 24.8 | 26.6 | 22.2 | 22.7 | 24.2 | 25.9 | 21.1 | 21.6 | 23.0 | 24.6 | 19.5 | 20.0 | 21.3 | 22.8 | 15.0  | 15.3 | 16.6 | 18.1 | 19.6 | 21.1 | 22.6  | 18.0 | 18.3 |     |  |  |
| 900 | S/T     | 0.92                        | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.73 | 0.54 | 0.98 | 0.92 | 0.74 | 0.56 | 1.00 | 0.94 | 0.77 | 0.57 | 1.00 | 0.98 | 0.80 | 0.60 | 1.00 | 0.99 | 0.80 | 0.60 | 0.97  | 0.91 | 0.74 | 0.55 | 0.36 | 0.17 | 0.00  | 0.00 |      |     |  |  |
|     | ΔT      | 22                          | 21   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 22   | 22   | 19   | 15   | 20   | 20   | 18   | 14   | 22    | 21   | 18   | 17   | 16   | 15   | 14    | 13   | 12   |     |  |  |
|     | kW      | 1.39                        | 1.42 | 1.46 | 1.50 | 1.49 | 1.52 | 1.57 | 1.61 | 1.58 | 1.61 | 1.66 | 1.71 | 1.65 | 1.69 | 1.74 | 1.79 | 1.72 | 1.75 | 1.81 | 1.87 | 1.77 | 1.81 | 1.86 | 1.93 | 1.78  | 1.81 | 1.87 | 1.93 | 1.99 | 2.05 | 2.11  | 2.17 | 2.23 |     |  |  |
|     | Amps    | 5.1                         | 5.2  | 5.4  | 5.6  | 5.5  | 5.7  | 5.9  | 6.1  | 6.0  | 6.2  | 6.4  | 6.6  | 6.4  | 6.6  | 6.8  | 7.1  | 6.8  | 7.0  | 7.2  | 7.5  | 7.3  | 7.4  | 7.7  | 8.0  | 7.4   | 7.7  | 8.0  | 8.3  | 8.6  | 8.9  | 9.2   | 9.5  | 9.8  |     |  |  |
|     | Hi PR   | 216                         | 233  | 246  | 257  | 243  | 261  | 276  | 288  | 276  | 297  | 314  | 327  | 315  | 339  | 358  | 373  | 354  | 381  | 402  | 420  | 391  | 421  | 444  | 464  | 358   | 383  | 406  | 429  | 452  | 475  | 498   | 521  | 544  |     |  |  |
| 900 | LO PR   | 107                         | 114  | 124  | 132  | 113  | 120  | 131  | 140  | 118  | 125  | 137  | 145  | 123  | 131  | 143  | 153  | 129  | 138  | 150  | 160  | 134  | 142  | 155  | 166  | 107   | 114  | 124  | 136  | 148  | 160  | 172   | 184  | 196  |     |  |  |
|     | MBh     | 22.2                        | 22.6 | 23.7 | 25.3 | 21.7 | 22.1 | 23.1 | 24.7 | 21.2 | 21.6 | 22.6 | 24.1 | 20.6 | 21.0 | 22.0 | 23.5 | 19.6 | 20.0 | 20.9 | 22.3 | 18.2 | 18.5 | 19.4 | 20.7 | 15.0  | 15.3 | 16.6 | 18.1 | 19.6 | 21.1 | 22.6  | 18.0 | 18.3 |     |  |  |
|     | S/T     | 0.91                        | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.67 | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.74 | 0.97  | 0.91 | 0.74 | 0.55 | 0.36 | 0.17 | 0.00  | 0.00 |      |     |  |  |
|     | ΔT      | 27                          | 26   | 25   | 21   | 27   | 26   | 25   | 22   | 27   | 26   | 25   | 22   | 27   | 27   | 25   | 22   | 26   | 26   | 25   | 21   | 24   | 24   | 23   | 20   | 22    | 21   | 18   | 17   | 16   | 15   | 14    | 13   | 12   |     |  |  |
|     | kW      | 1.37                        | 1.40 | 1.44 | 1.48 | 1.46 | 1.49 | 1.54 | 1.58 | 1.55 | 1.58 | 1.63 | 1.68 | 1.62 | 1.66 | 1.71 | 1.76 | 1.69 | 1.72 | 1.78 | 1.83 | 1.74 | 1.78 | 1.83 | 1.89 | 1.78  | 1.81 | 1.87 | 1.93 | 1.99 | 2.05 | 2.11  | 2.17 | 2.23 |     |  |  |
| 700 | Amps    | 5.0                         | 5.1  | 5.3  | 5.5  | 5.4  | 5.5  | 5.7  | 5.9  | 5.9  | 6.0  | 6.2  | 6.5  | 6.3  | 6.4  | 6.7  | 6.9  | 6.7  | 6.9  | 7.1  | 7.4  | 7.1  | 7.3  | 7.5  | 7.8  | 7.4   | 7.7  | 8.0  | 8.3  | 8.6  | 8.9  | 9.2   | 9.5  | 9.8  |     |  |  |
|     | Hi PR   | 211                         | 228  | 240  | 251  | 237  | 255  | 270  | 281  | 270  | 290  | 307  | 320  | 307  | 331  | 349  | 364  | 346  | 372  | 393  | 410  | 382  | 411  | 434  | 453  | 352   | 377  | 399  | 421  | 443  | 465  | 487   | 509  | 531  |     |  |  |
|     | LO PR   | 105                         | 111  | 121  | 129  | 110  | 118  | 128  | 137  | 115  | 122  | 133  | 142  | 121  | 128  | 140  | 149  | 126  | 134  | 147  | 156  | 131  | 139  | 152  | 162  | 105   | 112  | 124  | 136  | 148  | 160  | 172   | 184  | 196  |     |  |  |
|     | MBh     | 24.0                        | 24.5 | 25.7 | 27.4 | 23.5 | 23.9 | 25.1 | 26.8 | 22.9 | 23.4 | 24.5 | 26.1 | 22.4 | 22.8 | 23.9 | 25.5 | 21.2 | 21.7 | 22.7 | 24.2 | 19.7 | 20.1 | 21.0 | 22.4 | 15.0  | 15.3 | 16.6 | 18.1 | 19.6 | 21.1 | 22.6  | 18.0 | 18.3 |     |  |  |
|     | S/T     | 0.94                        | 0.91 | 0.82 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.94 | 0.77 | 0.97  | 0.91 | 0.74 | 0.55 | 0.36 | 0.17 | 0.00  | 0.00 |      |     |  |  |
| 85  | ΔT      | 25                          | 25   | 24   | 20   | 26   | 25   | 24   | 21   | 26   | 25   | 24   | 21   | 25   | 26   | 24   | 21   | 24   | 24   | 24   | 21   | 22   | 22   | 22   | 19   | 22    | 21   | 18   | 17   | 16   | 15   | 14    | 13   | 12   |     |  |  |
|     | kW      | 1.40                        | 1.43 | 1.47 | 1.51 | 1.50 | 1.53 | 1.57 | 1.62 | 1.59 | 1.62 | 1.67 | 1.72 | 1.66 | 1.70 | 1.75 | 1.80 | 1.73 | 1.76 | 1.82 | 1.88 | 1.78 | 1.82 | 1.88 | 1.94 | 1.78  | 1.81 | 1.87 | 1.93 | 1.99 | 2.05 | 2.11  | 2.17 | 2.23 |     |  |  |
|     | Amps    | 5.2                         | 5.3  | 5.4  | 5.7  | 5.6  | 5.7  | 5.9  | 6.1  | 6.1  | 6.2  | 6.4  | 6.6  | 6.5  | 6.6  | 6.9  | 7.1  | 6.9  | 7.1  | 7.3  | 7.6  | 7.3  | 7.5  | 7.7  | 8.0  | 7.4   | 7.7  | 8.0  | 8.3  | 8.6  | 8.9  | 9.2   | 9.5  | 9.8  |     |  |  |
|     | Hi PR   | 218                         | 235  | 248  | 258  | 245  | 263  | 278  | 290  | 278  | 299  | 316  | 330  | 317  | 341  | 360  | 376  | 356  | 384  | 405  | 422  | 394  | 424  | 448  | 467  | 352   | 377  | 399  | 421  | 443  | 465  | 487   | 509  | 531  |     |  |  |
|     | LO PR   | 108                         | 115  | 125  | 133  | 114  | 121  | 132  | 141  | 118  | 126  | 137  | 146  | 124  | 132  | 144  | 154  | 130  | 139  | 151  | 161  | 135  | 143  | 157  | 167  | 108   | 115  | 126  | 138  | 150  | 162  | 174   | 186  | 198  |     |  |  |
| 900 | MBh     | 24.3                        | 24.8 | 25.9 | 27.7 | 23.7 | 24.2 | 25.3 | 27.0 | 23.2 | 23.6 | 24.7 | 26.4 | 22.6 | 23.0 | 24.1 | 25.7 | 21.5 | 21.9 | 22.9 | 24.4 | 19.9 | 20.3 | 21.2 | 22.6 | 15.0  | 15.3 | 16.6 | 18.1 | 19.6 | 21.1 | 22.6  | 18.0 | 18.3 |     |  |  |
|     | S/T     | 0.96                        | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.96 | 0.78 | 0.97  | 0.91 | 0.74 | 0.55 | 0.36 | 0.17 | 0.00  | 0.00 |      |     |  |  |
|     | ΔT      | 24                          | 23   | 22   | 19   | 24   | 24   | 22   | 19   | 24   | 24   | 22   | 19   | 23   | 24   | 23   | 20   | 22   | 22   | 22   | 19   | 20   | 21   | 21   | 18   | 22    | 21   | 18   | 17   | 16   | 15   | 14    | 13   | 12   |     |  |  |
|     | kW      | 1.40                        | 1.43 | 1.47 | 1.51 | 1.50 | 1.53 | 1.58 | 1.62 | 1.59 | 1.62 | 1.67 | 1.72 | 1.67 | 1.70 | 1.75 | 1.81 | 1.73 | 1.77 | 1.82 | 1.88 | 1.79 | 1.83 | 1.88 | 1.94 | 1.78  | 1.81 | 1.87 | 1.93 | 1.99 | 2.05 | 2.11  | 2.17 | 2.23 |     |  |  |
|     | Amps    | 5.2                         | 5.3  | 5.5  | 5.7  | 5.6  | 5.7  | 5.9  | 6.1  | 6.1  | 6.2  | 6.4  | 6.6  | 6.5  | 6.6  | 6.9  | 7.1  | 6.9  | 7.1  | 7.3  | 7.6  | 7.3  | 7.5  | 7.7  | 8.0  | 7.4   | 7.7  | 8.0  | 8.3  | 8.6  | 8.9  | 9.2   | 9.5  | 9.8  |     |  |  |
| 900 | Hi PR   | 219                         | 235  | 248  | 259  | 245  | 264  | 279  | 291  | 279  | 300  | 317  | 331  | 318  | 342  | 361  | 377  | 358  | 385  | 406  | 424  | 395  | 425  | 449  | 468  | 352   | 377  | 399  | 421  | 443  | 465  | 487   | 509  | 531  |     |  |  |
|     | LO PR   | 108                         | 115  | 126  | 134  | 114  | 122  | 133  | 141  | 119  | 126  | 138  | 147  | 125  | <    |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |      |      |     |  |  |

IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects AHRI conditions

kW = Total system power  
Amps = outdoor unit amps (comp. + fan)

# EXPANDED COOLING DATA — SSZ140311A\* / ARPT30B14A\*

|      |         | OUTDOOR AMBIENT TEMPERATURE |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
|------|---------|-----------------------------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|-------|------|------|----|-------|------|------|----|
|      |         | 65°F                        |      |      |    | 75°F |      |      |    | 85°F |      |      |    | 95°F |      |      |    | 105°F |      |      |    | 115°F |      |      |    |
| IDB  | AIRFLOW | 59                          | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59    | 63   | 67   | 71 | 59    | 63   | 67   | 71 |
| 70   | MBh     | 26.6                        | 27.6 | 30.3 | -  | 26.0 | 27.0 | 29.5 | -  | 25.4 | 26.3 | 28.8 | -  | 24.8 | 25.7 | 28.1 | -  | 23.5  | 24.4 | 26.7 | -  | 21.8  | 22.6 | 24.8 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.61 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.79  | 0.66 | 0.46 | -  | 0.80  | 0.66 | 0.46 | -  |
|      | ΔT      | 19                          | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20    | 17   | 13   | -  | 18    | 16   | 12   | -  |
|      | kW      | 1.61                        | 1.64 | 1.69 | -  | 1.73 | 1.77 | 1.82 | -  | 1.84 | 1.88 | 1.93 | -  | 1.93 | 1.97 | 2.03 | -  | 2.01  | 2.05 | 2.12 | -  | 2.08  | 2.12 | 2.19 | -  |
|      | Amps    | 6.3                         | 6.4  | 6.6  | -  | 6.7  | 6.9  | 7.1  | -  | 7.3  | 7.4  | 7.7  | -  | 7.7  | 7.9  | 8.2  | -  | 8.2   | 8.4  | 8.7  | -  | 8.7   | 8.9  | 9.1  | -  |
| 840  | MBh     | 26.6                        | 27.6 | 30.3 | -  | 26.0 | 27.0 | 29.5 | -  | 25.4 | 26.3 | 28.8 | -  | 24.8 | 25.7 | 28.1 | -  | 23.5  | 24.4 | 26.7 | -  | 21.8  | 22.6 | 24.8 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.61 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.79  | 0.66 | 0.46 | -  | 0.80  | 0.66 | 0.46 | -  |
|      | ΔT      | 20                          | 17   | 13   | -  | 20   | 18   | 13   | -  | 20   | 18   | 13   | -  | 21   | 18   | 14   | -  | 20    | 18   | 13   | -  | 19    | 16   | 12   | -  |
|      | kW      | 1.61                        | 1.64 | 1.69 | -  | 1.73 | 1.77 | 1.82 | -  | 1.84 | 1.88 | 1.93 | -  | 1.93 | 1.97 | 2.03 | -  | 2.01  | 2.05 | 2.12 | -  | 2.08  | 2.12 | 2.19 | -  |
|      | Amps    | 6.3                         | 6.4  | 6.6  | -  | 6.7  | 6.9  | 7.1  | -  | 7.3  | 7.4  | 7.7  | -  | 7.7  | 7.9  | 8.2  | -  | 8.2   | 8.4  | 8.7  | -  | 8.7   | 8.9  | 9.1  | -  |
| 1000 | MBh     | 27.4                        | 28.4 | 31.2 | -  | 26.8 | 27.8 | 30.4 | -  | 26.2 | 27.1 | 29.7 | -  | 25.5 | 26.5 | 29.0 | -  | 24.2  | 25.1 | 27.5 | -  | 22.5  | 23.3 | 25.5 | -  |
|      | S/T     | 0.73                        | 0.61 | 0.42 | -  | 0.75 | 0.63 | 0.44 | -  | 0.77 | 0.64 | 0.45 | -  | 0.80 | 0.67 | 0.46 | -  | 0.83  | 0.69 | 0.48 | -  | 0.83  | 0.70 | 0.48 | -  |
|      | ΔT      | 18                          | 16   | 12   | -  | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 18    | 16   | 12   | -  | 17    | 15   | 11   | -  |
|      | kW      | 1.62                        | 1.66 | 1.71 | -  | 1.74 | 1.78 | 1.84 | -  | 1.85 | 1.89 | 1.95 | -  | 1.94 | 1.99 | 2.05 | -  | 2.02  | 2.07 | 2.14 | -  | 2.09  | 2.14 | 2.21 | -  |
|      | Amps    | 6.3                         | 6.5  | 6.7  | -  | 6.8  | 6.9  | 7.2  | -  | 7.3  | 7.5  | 7.7  | -  | 7.8  | 8.0  | 8.2  | -  | 8.3   | 8.5  | 8.7  | -  | 8.7   | 8.9  | 9.2  | -  |
| 70   | MBh     | 26.6                        | 27.6 | 30.3 | -  | 26.0 | 27.0 | 29.5 | -  | 25.4 | 26.3 | 28.8 | -  | 24.8 | 25.7 | 28.1 | -  | 23.5  | 24.4 | 26.7 | -  | 21.8  | 22.6 | 24.8 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.61 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.79  | 0.66 | 0.46 | -  | 0.80  | 0.66 | 0.46 | -  |
|      | ΔT      | 20                          | 17   | 13   | -  | 20   | 18   | 13   | -  | 20   | 18   | 13   | -  | 21   | 18   | 14   | -  | 20    | 18   | 13   | -  | 19    | 16   | 12   | -  |
|      | kW      | 1.61                        | 1.64 | 1.69 | -  | 1.73 | 1.77 | 1.82 | -  | 1.84 | 1.88 | 1.93 | -  | 1.93 | 1.97 | 2.03 | -  | 2.01  | 2.05 | 2.12 | -  | 2.08  | 2.12 | 2.19 | -  |
|      | Amps    | 6.3                         | 6.4  | 6.6  | -  | 6.7  | 6.9  | 7.1  | -  | 7.3  | 7.4  | 7.7  | -  | 7.7  | 7.9  | 8.2  | -  | 8.2   | 8.4  | 8.7  | -  | 8.7   | 8.9  | 9.1  | -  |
| 70   | MBh     | 26.6                        | 27.6 | 30.3 | -  | 26.0 | 27.0 | 29.5 | -  | 25.4 | 26.3 | 28.8 | -  | 24.8 | 25.7 | 28.1 | -  | 23.5  | 24.4 | 26.7 | -  | 21.8  | 22.6 | 24.8 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.61 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.79  | 0.66 | 0.46 | -  | 0.80  | 0.66 | 0.46 | -  |
|      | ΔT      | 20                          | 17   | 13   | -  | 20   | 18   | 13   | -  | 20   | 18   | 13   | -  | 21   | 18   | 14   | -  | 20    | 18   | 13   | -  | 19    | 16   | 12   | -  |
|      | kW      | 1.61                        | 1.64 | 1.69 | -  | 1.73 | 1.77 | 1.82 | -  | 1.84 | 1.88 | 1.93 | -  | 1.93 | 1.97 | 2.03 | -  | 2.01  | 2.05 | 2.12 | -  | 2.08  | 2.12 | 2.19 | -  |
|      | Amps    | 6.3                         | 6.4  | 6.6  | -  | 6.7  | 6.9  | 7.1  | -  | 7.3  | 7.4  | 7.7  | -  | 7.7  | 7.9  | 8.2  | -  | 8.2   | 8.4  | 8.7  | -  | 8.7   | 8.9  | 9.1  | -  |
| 70   | MBh     | 26.6                        | 27.6 | 30.3 | -  | 26.0 | 27.0 | 29.5 | -  | 25.4 | 26.3 | 28.8 | -  | 24.8 | 25.7 | 28.1 | -  | 23.5  | 24.4 | 26.7 | -  | 21.8  | 22.6 | 24.8 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.61 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.79  | 0.66 | 0.46 | -  | 0.80  | 0.66 | 0.46 | -  |
|      | ΔT      | 20                          | 17   | 13   | -  | 20   | 18   | 13   | -  | 20   | 18   | 13   | -  | 21   | 18   | 14   | -  | 20    | 18   | 13   | -  | 19    | 16   | 12   | -  |
|      | kW      | 1.61                        | 1.64 | 1.69 | -  | 1.73 | 1.77 | 1.82 | -  | 1.84 | 1.88 | 1.93 | -  | 1.93 | 1.97 | 2.03 | -  | 2.01  | 2.05 | 2.12 | -  | 2.08  | 2.12 | 2.19 | -  |
|      | Amps    | 6.3                         | 6.4  | 6.6  | -  | 6.7  | 6.9  | 7.1  | -  | 7.3  | 7.4  | 7.7  | -  | 7.7  | 7.9  | 8.2  | -  | 8.2   | 8.4  | 8.7  | -  | 8.7   | 8.9  | 9.1  | -  |
| 70   | MBh     | 26.6                        | 27.6 | 30.3 | -  | 26.0 | 27.0 | 29.5 | -  | 25.4 | 26.3 | 28.8 | -  | 24.8 | 25.7 | 28.1 | -  | 23.5  | 24.4 | 26.7 | -  | 21.8  | 22.6 | 24.8 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.61 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.79  | 0.66 | 0.46 | -  | 0.80  | 0.66 | 0.46 | -  |
|      | ΔT      | 20                          | 17   | 13   | -  | 20   | 18   | 13   | -  | 20   | 18   | 13   | -  | 21   | 18   | 14   | -  | 20    | 18   | 13   | -  | 19    | 16   | 12   | -  |
|      | kW      | 1.61                        | 1.64 | 1.69 | -  | 1.73 | 1.77 | 1.82 | -  | 1.84 | 1.88 | 1.93 | -  | 1.93 | 1.97 | 2.03 | -  | 2.01  | 2.05 | 2.12 | -  | 2.08  | 2.12 | 2.19 | -  |
|      | Amps    | 6.3                         | 6.4  | 6.6  | -  | 6.7  | 6.9  | 7.1  | -  | 7.3  | 7.4  | 7.7  | -  | 7.7  | 7.9  | 8.2  | -  | 8.2   | 8.4  | 8.7  | -  | 8.7   | 8.9  | 9.1  | -  |
| 70   | MBh     | 26.6                        | 27.6 | 30.3 | -  | 26.0 | 27.0 | 29.5 | -  | 25.4 | 26.3 | 28.8 | -  | 24.8 | 25.7 | 28.1 | -  | 23.5  | 24.4 | 26.7 | -  | 21.8  | 22.6 | 24.8 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.61 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.79  | 0.66 | 0.46 | -  | 0.80  | 0.66 | 0.46 | -  |
|      | ΔT      | 20                          | 17   | 13   | -  | 20   | 18   | 13   | -  | 20   | 18   | 13   | -  | 21   | 18   | 14   | -  | 20    | 18   | 13   | -  | 19    | 16   | 12   | -  |
|      | kW      | 1.61                        | 1.64 | 1.69 | -  | 1.73 | 1.77 | 1.82 | -  | 1.84 | 1.88 | 1.93 | -  | 1.93 | 1.97 | 2.03 | -  | 2.01  | 2.05 | 2.12 | -  | 2.08  | 2.12 | 2.19 | -  |
|      | Amps    | 6.3                         | 6.4  | 6.6  | -  | 6.7  | 6.9  | 7.1  | -  | 7.3  | 7.4  | 7.7  | -  | 7.7  | 7.9  | 8.2  | -  | 8.2   | 8.4  | 8.7  | -  | 8.7   | 8.9  | 9.1  | -  |
| 70   | MBh     | 26.6                        | 27.6 | 30.3 | -  | 26.0 | 27.0 | 29.5 | -  | 25.4 | 26.3 | 28.8 | -  | 24.8 | 25.7 | 28.1 | -  | 23.5  | 24.4 | 26.7 | -  | 21.8  | 22.6 | 24.8 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.61 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.79  | 0.66 | 0.46 | -  | 0.80  | 0.66 | 0.46 | -  |
|      | ΔT      | 20                          | 17   | 13   | -  | 20   | 18   | 13   | -  | 20   | 18   | 13   | -  | 21   | 18   | 14   | -  | 20    | 18   | 13   | -  | 19    | 16   | 12   | -  |
|      | kW      | 1.61                        | 1.64 | 1.69 | -  | 1.73 | 1.77 | 1.82 | -  | 1.84 | 1.88 | 1.93 | -  | 1.93 | 1.97 | 2.03 | -  | 2.01  | 2.05 | 2.12 | -  | 2.08  | 2.12 | 2.19 | -  |
|      | Amps    | 6.3                         | 6.4  | 6.6  | -  | 6.7  | 6.9  | 7.1  | -  | 7.3  | 7.4  | 7.7  | -  | 7.7  | 7.9  | 8.2  | -  | 8.2   | 8.4  | 8.7  | -  | 8.7   | 8.9  | 9.1  | -  |
| 70   | MBh     | 26.6                        | 27.6 | 30.3 | -  | 26.0 | 27.0 | 29.5 | -  | 25.4 | 26.3 | 28.8 | -  | 24.8 | 25.7 | 28.1 | -  | 23.5  | 24.4 | 26.7 | -  | 21.8  | 22.6 | 24.8 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.61 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.79  | 0.66 | 0.46 | -  | 0.80  | 0.66 | 0.46 | -  |
|      | ΔT      | 20                          | 17   | 13   | -  | 20   | 18   | 13   | -  | 20   | 18   | 13   | -  | 21   | 18   | 14   | -  | 20    | 18   | 13   | -  | 19    | 16   | 12   | -  |
|      | kW      | 1.61                        | 1.64 | 1.69 | -  | 1.73 | 1.77 | 1.82 | -  | 1.84 | 1.88 | 1.93 | -  | 1.93 | 1.97 | 2.03 | -  | 2.01  | 2.05 | 2.12 | -  | 2.08  | 2.12 | 2.19 | -  |
|      | Amps    | 6.3                         | 6.4  | 6.6  | -  | 6.7  | 6.9  | 7.1  | -  | 7.3  | 7.4  | 7.7  | -  | 7.7  | 7.9  | 8.2  | -  | 8.2   | 8.4  | 8.7  | -  | 8.7   | 8.9  | 9.1  | -  |
| 70   | MBh     | 26.6                        | 27.6 | 30.3 | -  | 26.0 | 27.0 | 29.5 | -  | 25.4 | 26.3 | 28.8 | -  | 24.8 | 25.7 | 28.1 | -  | 23.5  | 24.4 | 26.7 | -  | 21.8  | 22.6 | 24.8 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.61 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.79  | 0.66 | 0.46 | -  | 0.80  | 0.66 | 0.46 | -  |
|      | ΔT      | 20                          | 17   | 13   | -  | 20   | 18   | 13   | -  | 20   | 18   | 13   | -  | 21   | 18   | 14   | -  | 20    | 18   | 13   | -  | 19    | 16   | 12   | -  |
|      | kW      | 1.61                        | 1.64 | 1.69 | -  | 1.73 | 1.77 | 1.82 | -  | 1.84 | 1.88 | 1.93 | -  | 1.93 | 1.97 | 2.03 | -  | 2.01  | 2.05 | 2.12 | -  | 2.08  | 2.12 | 2.19 | -  |
|      | Amps    | 6.3                         | 6.4  | 6.6  | -  | 6.7  | 6.9  | 7.1  | -  | 7.3  | 7.4  | 7.7  | -  | 7.7  | 7.9  | 8.2  | -  | 8.2   | 8.4  | 8.7  | -  | 8.7   | 8.9  | 9.1  | -  |
| 70   | MBh     | 26.6                        | 27.6 | 30.3 | -  | 26.0 | 27.0 | 29.5 | -  | 25.4 | 26.3 | 28.8 | -  | 24.8 | 25.7 | 28.1 | -  | 23.5  | 24.4 | 26.7 | -  | 21.8  | 22.6 | 24.8 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.61 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.79  | 0.66 | 0.46 | -  | 0.80  | 0.66 | 0.46 | -  |
|      | ΔT      | 20                          | 17   | 13   | -  | 20   | 18   | 13   | -  | 20   | 18   | 13   | -  | 21   | 18   | 14   | -  | 20    | 18   | 13   | -  | 19    | 16   | 12   | -  |
|      | kW      | 1.61                        | 1.64 | 1.69 | -  | 1.73 | 1.77 | 1.82 | -  | 1.84 | 1.88 | 1.93 | -  | 1.93 | 1.97 | 2.03 | -  | 2.01  | 2.05 | 2.12 | -  | 2.08  | 2.12 | 2.19 | -  |
|      | Amps    | 6.3                         | 6.4  | 6.6  | -  | 6.7  | 6.9  | 7.1  | -  | 7.3  | 7.4  | 7.7  | -  | 7.7  | 7.9  | 8.2  | -  | 8.2   | 8.4  | 8.7  | -  | 8.7   | 8.9  | 9.1  | -  |
| 70   | MBh     | 26.6                        | 27.6 | 30.3 | -  | 26.0 | 27.0 | 29.5 | -  | 25.4 | 26.3 | 28.8 | -  | 24.8 | 25.7 | 28.1 | -  | 23.5  | 24.4 | 26.7 | -  | 21.8  | 22.6 | 24.8 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.61 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.79  | 0.66 | 0.46 | -  | 0.80  | 0.66 | 0.46 | -  |
|      | ΔT      | 20                          | 17   | 13   | -  | 20   | 18   | 13   |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |

|      |       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|------|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--|--|--|--|--|-------|--|--|--|--|--|--|--|
|      |       | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |  |  |  |  |  | 115°F |  |  |  |  |  |  |  |
| 875  | MBh   | 27.1                        | 27.9 | 30.2 | 32.4 | 26.5 | 27.2 | 29.5 | 31.6 | 25.8 | 26.6 | 28.8 | 30.9 | 25.2 | 25.9 | 28.1 | 30.1 | 23.9 | 24.6 | 26.7 | 28.6 | 22.2 | 22.8 | 24.7 | 26.5 |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | S/T   | 0.79                        | 0.70 | 0.53 | 0.34 | 0.82 | 0.73 | 0.55 | 0.36 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.90 | 0.81 | 0.61 | 0.39 |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | ΔT    | 22                          | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 21   | 19   | 16   | 11   |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | kW    | 1.62                        | 1.66 | 1.71 | 1.76 | 1.74 | 1.78 | 1.84 | 1.89 | 1.85 | 1.89 | 1.95 | 2.01 | 1.95 | 1.99 | 2.05 | 2.12 | 2.03 | 2.07 | 2.14 | 2.21 | 2.09 | 2.14 | 2.21 | 2.28 |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Amps  | 6.3                         | 6.5  | 6.7  | 6.9  | 6.8  | 6.9  | 7.2  | 7.4  | 7.3  | 7.5  | 7.7  | 8.0  | 7.8  | 8.0  | 8.2  | 8.5  | 8.3  | 8.5  | 8.7  | 9.0  | 8.7  | 8.9  | 9.2  | 9.6  |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
| 840  | Hi PR | 217                         | 234  | 247  | 257  | 244  | 262  | 277  | 289  | 277  | 298  | 315  | 329  | 316  | 340  | 359  | 374  | 355  | 382  | 404  | 421  | 392  | 422  | 446  | 465  |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | LO PR | 100                         | 107  | 117  | 124  | 106  | 113  | 123  | 131  | 110  | 117  | 128  | 136  | 116  | 123  | 134  | 143  | 121  | 129  | 141  | 150  | 125  | 133  | 146  | 155  |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | MBh   | 27.1                        | 27.9 | 30.2 | 32.4 | 26.5 | 27.2 | 29.5 | 31.6 | 25.8 | 26.6 | 28.8 | 30.9 | 25.2 | 25.9 | 28.1 | 30.1 | 23.9 | 24.6 | 26.7 | 28.6 | 22.2 | 22.8 | 24.7 | 26.5 |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | S/T   | 0.79                        | 0.70 | 0.53 | 0.34 | 0.82 | 0.73 | 0.55 | 0.36 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.90 | 0.81 | 0.61 | 0.39 |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | ΔT    | 23                          | 21   | 18   | 12   | 24   | 22   | 18   | 12   | 24   | 22   | 18   | 12   | 24   | 22   | 18   | 12   | 23   | 22   | 18   | 12   | 22   | 20   | 17   | 11   |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
| 1000 | kW    | 1.62                        | 1.66 | 1.71 | 1.76 | 1.74 | 1.78 | 1.84 | 1.89 | 1.85 | 1.89 | 1.95 | 2.01 | 1.95 | 1.99 | 2.05 | 2.12 | 2.03 | 2.07 | 2.14 | 2.21 | 2.09 | 2.14 | 2.21 | 2.28 |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Amps  | 6.3                         | 6.5  | 6.7  | 6.9  | 6.8  | 6.9  | 7.2  | 7.4  | 7.3  | 7.5  | 7.7  | 8.0  | 7.8  | 8.0  | 8.2  | 8.5  | 8.3  | 8.5  | 8.7  | 9.0  | 8.7  | 8.9  | 9.2  | 9.6  |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Hi PR | 217                         | 234  | 247  | 257  | 244  | 262  | 277  | 289  | 277  | 298  | 315  | 329  | 316  | 340  | 359  | 374  | 355  | 382  | 404  | 421  | 392  | 422  | 446  | 465  |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | LO PR | 100                         | 107  | 117  | 124  | 106  | 113  | 123  | 131  | 110  | 117  | 128  | 136  | 116  | 123  | 134  | 143  | 121  | 129  | 141  | 150  | 125  | 133  | 146  | 155  |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | MBh   | 27.9                        | 28.7 | 31.1 | 33.4 | 27.3 | 28.1 | 30.4 | 32.6 | 26.6 | 27.4 | 29.6 | 31.8 | 26.0 | 26.7 | 28.9 | 31.0 | 24.7 | 25.4 | 27.5 | 29.5 | 22.8 | 23.5 | 25.5 | 27.3 |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | S/T   | 0.83                        | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.78 | 0.59 | 0.38 | 0.91 | 0.81 | 0.61 | 0.39 | 0.94 | 0.84 | 0.64 | 0.41 | 0.95 | 0.85 | 0.64 | 0.41 |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | ΔT    | 21                          | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 20   | 18   | 15   | 10   |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | kW    | 1.64                        | 1.67 | 1.72 | 1.77 | 1.76 | 1.80 | 1.85 | 1.91 | 1.87 | 1.91 | 1.97 | 2.03 | 1.96 | 2.00 | 2.07 | 2.13 | 2.04 | 2.09 | 2.15 | 2.22 | 2.11 | 2.16 | 2.23 | 2.30 |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Amps  | 6.4                         | 6.5  | 6.7  | 6.9  | 6.8  | 7.0  | 7.2  | 7.5  | 7.4  | 7.6  | 7.8  | 8.1  | 7.9  | 8.1  | 8.3  | 8.6  | 8.3  | 8.5  | 8.8  | 9.1  | 8.8  | 9.0  | 9.3  | 9.6  |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Hi PR | 219                         | 236  | 249  | 260  | 246  | 265  | 280  | 292  | 280  | 301  | 318  | 332  | 319  | 343  | 362  | 378  | 359  | 386  | 408  | 425  | 396  | 427  | 450  | 470  |       |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | LO PR | 101                         | 108  | 118  | 125  | 107  | 114  | 124  | 132  | 111  | 118  | 129  | 138  | 117  | 124  | 136  | 145  | 123  | 130  | 142  | 152  | 127  | 135  | 147  | 157  |       |  |  |  |  |  |       |  |  |  |  |  |  |  |

IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions

kW = Total system power  
Amps = outdoor unit amps (comp. + fan)

# EXPANDED COOLING DATA — SSZ140311A\* / ARPT30B14A\* (CONT.)

|     |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |        |      |       |      |      |      |       |  |
|-----|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|--------|------|-------|------|------|------|-------|--|
|     |         | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |        |      | 115°F |      |      |      |       |  |
| IDB | AIRFLOW | 59                          | 63   | 67   | 71   | 75   | 79   | 83   | 87   | 91   | 95   | 99   | 103  | 107  | 111  | 115  | 119  | 123  | 127  | 131  | 135  | 139  | 143  | 147  | 151  | 155   | 159  | 163  | 167  | 171    | 175  | 179   | 183  | 187  | 191  | 195   |  |
| 80  | MBh     | 27.6                        | 28.2 | 30.1 | 32.2 | 34.4 | 36.6 | 38.8 | 41.0 | 43.2 | 45.4 | 47.6 | 49.8 | 52.0 | 54.2 | 56.4 | 58.6 | 60.8 | 63.0 | 65.2 | 67.4 | 69.6 | 71.8 | 74.0 | 76.2 | 78.4  | 80.6 | 82.8 | 85.0 | 87.2   | 89.4 | 91.6  | 93.8 | 96.0 | 98.2 | 100.4 |  |
|     | S/T     | 0.86                        | 0.81 | 0.66 | 0.49 | 0.32 | 0.15 | 0.08 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 | 0.01   | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 |       |  |
|     | ΔT      | 25                          | 24   | 21   | 17   | 14   | 11   | 9    | 7    | 5    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1     | 1    | 1    | 1    | 1      | 1    | 1     | 1    | 1    | 1    |       |  |
|     | kW      | 1.64                        | 1.67 | 1.72 | 1.78 | 1.84 | 1.90 | 1.96 | 2.02 | 2.08 | 2.14 | 2.20 | 2.26 | 2.32 | 2.38 | 2.44 | 2.50 | 2.56 | 2.62 | 2.68 | 2.74 | 2.80 | 2.86 | 2.92 | 2.98 | 3.04  | 3.10 | 3.16 | 3.22 | 3.28   | 3.34 | 3.40  | 3.46 | 3.52 | 3.58 | 3.64  |  |
|     | Amps    | 6.4                         | 6.5  | 6.7  | 6.9  | 7.1  | 7.3  | 7.5  | 7.7  | 7.9  | 8.1  | 8.3  | 8.5  | 8.7  | 8.9  | 9.1  | 9.3  | 9.5  | 9.7  | 9.9  | 10.1 | 10.3 | 10.5 | 10.7 | 10.9 | 11.1  | 11.3 | 11.5 | 11.7 | 11.9   | 12.1 | 12.3  | 12.5 | 12.7 | 12.9 | 13.1  |  |
| 80  | MBh     | 27.6                        | 28.2 | 30.1 | 32.2 | 34.4 | 36.6 | 38.8 | 41.0 | 43.2 | 45.4 | 47.6 | 49.8 | 52.0 | 54.2 | 56.4 | 58.6 | 60.8 | 63.0 | 65.2 | 67.4 | 69.6 | 71.8 | 74.0 | 76.2 | 78.4  | 80.6 | 82.8 | 85.0 | 87.2   | 89.4 | 91.6  | 93.8 | 96.0 | 98.2 | 100.4 |  |
|     | S/T     | 0.86                        | 0.81 | 0.66 | 0.49 | 0.32 | 0.15 | 0.08 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 | 0.01   | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 |       |  |
|     | ΔT      | 26                          | 25   | 22   | 17   | 14   | 11   | 9    | 7    | 5    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1     | 1    | 1    | 1    | 1      | 1    | 1     | 1    | 1    | 1    |       |  |
|     | kW      | 1.64                        | 1.67 | 1.72 | 1.78 | 1.84 | 1.90 | 1.96 | 2.02 | 2.08 | 2.14 | 2.20 | 2.26 | 2.32 | 2.38 | 2.44 | 2.50 | 2.56 | 2.62 | 2.68 | 2.74 | 2.80 | 2.86 | 2.92 | 2.98 | 3.04  | 3.10 | 3.16 | 3.22 | 3.28   | 3.34 | 3.40  | 3.46 | 3.52 | 3.58 | 3.64  |  |
|     | Amps    | 6.4                         | 6.5  | 6.7  | 6.9  | 7.1  | 7.3  | 7.5  | 7.7  | 7.9  | 8.1  | 8.3  | 8.5  | 8.7  | 8.9  | 9.1  | 9.3  | 9.5  | 9.7  | 9.9  | 10.1 | 10.3 | 10.5 | 10.7 | 10.9 | 11.1  | 11.3 | 11.5 | 11.7 | 11.9   | 12.1 | 12.3  | 12.5 | 12.7 | 12.9 | 13.1  |  |
| 80  | MBh     | 27.6                        | 28.2 | 30.1 | 32.2 | 34.4 | 36.6 | 38.8 | 41.0 | 43.2 | 45.4 | 47.6 | 49.8 | 52.0 | 54.2 | 56.4 | 58.6 | 60.8 | 63.0 | 65.2 | 67.4 | 69.6 | 71.8 | 74.0 | 76.2 | 78.4  | 80.6 | 82.8 | 85.0 | 87.2   | 89.4 | 91.6  | 93.8 | 96.0 | 98.2 | 100.4 |  |
|     | S/T     | 0.86                        | 0.81 | 0.66 | 0.49 | 0.32 | 0.15 | 0.08 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 | 0.01   | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 |       |  |
|     | ΔT      | 26                          | 25   | 22   | 17   | 14   | 11   | 9    | 7    | 5    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1     | 1    | 1    | 1    | 1      | 1    | 1     | 1    | 1    | 1    |       |  |
|     | kW      | 1.64                        | 1.67 | 1.72 | 1.78 | 1.84 | 1.90 | 1.96 | 2.02 | 2.08 | 2.14 | 2.20 | 2.26 | 2.32 | 2.38 | 2.44 | 2.50 | 2.56 | 2.62 | 2.68 | 2.74 | 2.80 | 2.86 | 2.92 | 2.98 | 3.04  | 3.10 | 3.16 | 3.22 | 3.28   | 3.34 | 3.40  | 3.46 | 3.52 | 3.58 | 3.64  |  |
|     | Amps    | 6.4                         | 6.5  | 6.7  | 6.9  | 7.1  | 7.3  | 7.5  | 7.7  | 7.9  | 8.1  | 8.3  | 8.5  | 8.7  | 8.9  | 9.1  | 9.3  | 9.5  | 9.7  | 9.9  | 10.1 | 10.3 | 10.5 | 10.7 | 10.9 | 11.1  | 11.3 | 11.5 | 11.7 | 11.9   | 12.1 | 12.3  | 12.5 | 12.7 | 12.9 | 13.1  |  |
| 80  | MBh     | 27.6                        | 28.2 | 30.1 | 32.2 | 34.4 | 36.6 | 38.8 | 41.0 | 43.2 | 45.4 | 47.6 | 49.8 | 52.0 | 54.2 | 56.4 | 58.6 | 60.8 | 63.0 | 65.2 | 67.4 | 69.6 | 71.8 | 74.0 | 76.2 | 78.4  | 80.6 | 82.8 | 85.0 | 87.2   | 89.4 | 91.6  | 93.8 | 96.0 | 98.2 | 100.4 |  |
|     | S/T     | 0.86                        | 0.81 | 0.66 | 0.49 | 0.32 | 0.15 | 0.08 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 | 0.01   | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 |       |  |
|     | ΔT      | 26                          | 25   | 22   | 17   | 14   | 11   | 9    | 7    | 5    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1     | 1    | 1    | 1    | 1      | 1    | 1     | 1    | 1    | 1    |       |  |
|     | kW      | 1.64                        | 1.67 | 1.72 | 1.78 | 1.84 | 1.90 | 1.96 | 2.02 | 2.08 | 2.14 | 2.20 | 2.26 | 2.32 | 2.38 | 2.44 | 2.50 | 2.56 | 2.62 | 2.68 | 2.74 | 2.80 | 2.86 | 2.92 | 2.98 | 3.04  | 3.10 | 3.16 | 3.22 | 3.28   | 3.34 | 3.40  | 3.46 | 3.52 | 3.58 | 3.64  |  |
|     | Amps    | 6.4                         | 6.5  | 6.7  | 6.9  | 7.1  | 7.3  | 7.5  | 7.7  | 7.9  | 8.1  | 8.3  | 8.5  | 8.7  | 8.9  | 9.1  | 9.3  | 9.5  | 9.7  | 9.9  | 10.1 | 10.3 | 10.5 | 10.7 | 10.9 | 11.1  | 11.3 | 11.5 | 11.7 | 11.9   | 12.1 | 12.3  | 12.5 | 12.7 | 12.9 | 13.1  |  |
| 80  | MBh     | 27.6                        | 28.2 | 30.1 | 32.2 | 34.4 | 36.6 | 38.8 | 41.0 | 43.2 | 45.4 | 47.6 | 49.8 | 52.0 | 54.2 | 56.4 | 58.6 | 60.8 | 63.0 | 65.2 | 67.4 | 69.6 | 71.8 | 74.0 | 76.2 | 78.4  | 80.6 | 82.8 | 85.0 | 87.2   | 89.4 | 91.6  | 93.8 | 96.0 | 98.2 | 100.4 |  |
|     | S/T     | 0.86                        | 0.81 | 0.66 | 0.49 | 0.32 | 0.15 | 0.08 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 | 0.01   | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 |       |  |
|     | ΔT      | 26                          | 25   | 22   | 17   | 14   | 11   | 9    | 7    | 5    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1     | 1    | 1    | 1    | 1      | 1    | 1     | 1    | 1    | 1    |       |  |
|     | kW      | 1.64                        | 1.67 | 1.72 | 1.78 | 1.84 | 1.90 | 1.96 | 2.02 | 2.08 | 2.14 | 2.20 | 2.26 | 2.32 | 2.38 | 2.44 | 2.50 | 2.56 | 2.62 | 2.68 | 2.74 | 2.80 | 2.86 | 2.92 | 2.98 | 3.04  | 3.10 | 3.16 | 3.22 | 3.28   | 3.34 | 3.40  | 3.46 | 3.52 | 3.58 | 3.64  |  |
|     | Amps    | 6.4                         | 6.5  | 6.7  | 6.9  | 7.1  | 7.3  | 7.5  | 7.7  | 7.9  | 8.1  | 8.3  | 8.5  | 8.7  | 8.9  | 9.1  | 9.3  | 9.5  | 9.7  | 9.9  | 10.1 | 10.3 | 10.5 | 10.7 | 10.9 | 11.1  | 11.3 | 11.5 | 11.7 | 11.9   | 12.1 | 12.3  | 12.5 | 12.7 | 12.9 | 13.1  |  |
| 80  | MBh     | 27.6                        | 28.2 | 30.1 | 32.2 | 34.4 | 36.6 | 38.8 | 41.0 | 43.2 | 45.4 | 47.6 | 49.8 | 52.0 | 54.2 | 56.4 | 58.6 | 60.8 | 63.0 | 65.2 | 67.4 | 69.6 | 71.8 | 74.0 | 76.2 | 78.4  | 80.6 | 82.8 | 85.0 | 87.2   | 89.4 | 91.6  | 93.8 | 96.0 | 98.2 | 100.4 |  |
|     | S/T     | 0.86                        | 0.81 | 0.66 | 0.49 | 0.32 | 0.15 | 0.08 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 | 0.01   | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 |       |  |
|     | ΔT      | 26                          | 25   | 22   | 17   | 14   | 11   | 9    | 7    | 5    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1     | 1    | 1    | 1    | 1      | 1    | 1     | 1    | 1    | 1    |       |  |
|     | kW      | 1.64                        | 1.67 | 1.72 | 1.78 | 1.84 | 1.90 | 1.96 | 2.02 | 2.08 | 2.14 | 2.20 | 2.26 | 2.32 | 2.38 | 2.44 | 2.50 | 2.56 | 2.62 | 2.68 | 2.74 | 2.80 | 2.86 | 2.92 | 2.98 | 3.04  | 3.10 | 3.16 | 3.22 | 3.28   | 3.34 | 3.40  | 3.46 | 3.52 | 3.58 | 3.64  |  |
|     | Amps    | 6.4                         | 6.5  | 6.7  | 6.9  | 7.1  | 7.3  | 7.5  | 7.7  | 7.9  | 8.1  | 8.3  | 8.5  | 8.7  | 8.9  | 9.1  | 9.3  | 9.5  | 9.7  | 9.9  | 10.1 | 10.3 | 10.5 | 10.7 | 10.9 | 11.1  | 11.3 | 11.5 | 11.7 | 11.9   | 12.1 | 12.3  | 12.5 | 12.7 | 12.9 | 13.1  |  |
| 80  | MBh     | 27.6                        | 28.2 | 30.1 | 32.2 | 34.4 | 36.6 | 38.8 | 41.0 | 43.2 | 45.4 | 47.6 | 49.8 | 52.0 | 54.2 | 56.4 | 58.6 | 60.8 | 63.0 | 65.2 | 67.4 | 69.6 | 71.8 | 74.0 | 76.2 | 78.4  | 80.6 | 82.8 | 85.0 | 87.2   | 89.4 | 91.6  | 93.8 | 96.0 | 98.2 | 100.4 |  |
|     | S/T     | 0.86                        | 0.81 | 0.66 | 0.49 | 0.32 | 0.15 | 0.08 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 | 0.01   | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 |       |  |
|     | ΔT      | 26                          | 25   | 22   | 17   | 14   | 11   | 9    | 7    | 5    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1     | 1    | 1    | 1    | 1      | 1    | 1     | 1    | 1    | 1    |       |  |
|     | kW      | 1.64                        | 1.67 | 1.72 | 1.78 | 1.84 | 1.90 | 1.96 | 2.02 | 2.08 | 2.14 | 2.20 | 2.26 | 2.32 | 2.38 | 2.44 | 2.50 | 2.56 | 2.62 | 2.68 | 2.74 | 2.80 | 2.86 | 2.92 | 2.98 | 3.04  | 3.10 | 3.16 | 3.22 | 3.28   | 3.34 | 3.40  | 3.46 | 3.52 | 3.58 | 3.64  |  |
|     | Amps    | 6.4                         | 6.5  | 6.7  | 6.9  | 7.1  | 7.3  | 7.5  | 7.7  | 7.9  | 8.1  | 8.3  | 8.5  | 8.7  | 8.9  | 9.1  | 9.3  | 9.5  | 9.7  | 9.9  | 10.1 | 10.3 | 10.5 | 10.7 | 10.9 | 11.1  | 11.3 | 11.5 | 11.7 | 11.9   | 12.1 | 12.3  | 12.5 | 12.7 | 12.9 | 13.1  |  |
| 80  | MBh     | 27.6                        | 28.2 | 30.1 | 32.2 | 34.4 | 36.6 | 38.8 | 41.0 | 43.2 | 45.4 | 47.6 | 49.8 | 52.0 | 54.2 | 56.4 | 58.6 | 60.8 | 63.0 | 65.2 | 67.4 | 69.6 | 71.8 | 74.0 | 76.2 | 78.4  | 80.6 | 82.8 | 85.0 | 87.2   | 89.4 | 91.6  | 93.8 | 96.0 | 98.2 | 100.4 |  |
|     | S/T     | 0.86                        | 0.81 | 0.66 | 0.49 | 0.32 | 0.15 | 0.08 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 | 0.01   | 0.01 | 0.01  | 0.01 | 0.01 | 0.01 |       |  |
|     | ΔT      | 26                          | 25   | 22   | 17   | 14   | 11   | 9    | 7    | 5    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1     | 1    | 1    | 1    | 1      | 1    | 1     | 1    | 1    | 1    |       |  |
|     | kW      | 1.64                        | 1.67 | 1.72 | 1.78 | 1.84 | 1.90 | 1.96 | 2.02 | 2.08 | 2.14 | 2.20 | 2.26 | 2.32 | 2.38 | 2.44 | 2.50 | 2.56 | 2.62 | 2.68 | 2.74 | 2.80 | 2.86 | 2.92 | 2.98 | 3.04  | 3.10 | 3.16 | 3.22 | 3.28   | 3.34 | 3.40  | 3.46 | 3.52 | 3.58 | 3.64  |  |
|     | Amps    | 6.4                         | 6.5  | 6.7  | 6.9  | 7.1  | 7.3  | 7.5  | 7.7  | 7.9  | 8.1  | 8.3  | 8.5  | 8.7  | 8.9  | 9.1  | 9.3  | 9.5  | 9.7  | 9.9  | 10.1 | 10.3 | 10.5 | 10.7 | 10.9 | 11.1  | 11.3 | 11.5 | 11.7 | 11.9</ |      |       |      |      |      |       |  |

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 875  | MBh  | 28.1 | 28.6 | 29.9 | 32.0 | 34.1 | 36.2 | 38.3 | 40.4 | 42.5 | 44.6 | 46.7 | 48.8 | 50.9 | 53.0 | 55.1 | 57.2 | 59.3 | 61.4 | 63.5 | 65.6 | 67.7 | 69.8 | 71.9 | 74.0 | 76.1 | 78.2 | 80.3 | 82.4 | 84.5 | 86.6 | 88.7 | 90.8 | 92.9 | 95.0 |
|      | S/T  | 0.91 | 0.87 | 0.79 | 0.64 | 0.47 | 0.30 | 0.17 | 0.09 | 0.05 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |      |
|      | ΔT   | 27   | 26   | 25   | 21   | 18   | 14   | 11   | 9    | 7    | 5    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |      |
|      | kW   | 1.65 | 1.68 | 1.73 | 1.79 | 1.85 | 1.91 | 1.97 | 2.03 | 2.09 | 2.15 | 2.21 | 2.27 | 2.33 | 2.39 | 2.45 | 2.51 | 2.57 | 2.63 | 2.69 | 2.75 | 2.81 | 2.87 | 2.93 | 2.99 | 3.05 | 3.11 | 3.17 | 3.23 | 3.29 | 3.35 | 3.41 | 3.47 | 3.53 | 3.59 |
|      | Amps | 6.4  | 6.6  | 6.8  | 7.0  | 7.2  | 7.4  | 7.6  | 7.8  | 8.0  | 8.2  | 8.4  | 8.6  | 8.8  | 9.0  | 9.2  | 9.4  | 9.6  | 9.8  | 10.0 | 10.2 | 10.4 | 10.6 | 10.8 | 11.0 | 11.2 | 11.4 | 11.6 | 11.8 | 12.0 | 12.2 | 12.4 | 12.6 | 12.8 | 13.0 |
| 840  | MBh  | 28.1 | 28.6 | 29.9 | 32.0 | 34.1 | 36.2 | 38.3 | 40.4 | 42.5 | 44.6 | 46.7 | 48.8 | 50.9 | 53.0 | 55.1 | 57.2 | 59.3 | 61.4 | 63.5 | 65.6 | 67.7 | 69.8 | 71.9 | 74.0 | 76.1 | 78.2 | 80.3 | 82.4 | 84.5 | 86.6 | 88.7 | 90.8 | 92.9 | 95.0 |
|      | S/T  | 0.91 | 0.87 | 0.79 | 0.64 | 0.47 | 0.30 | 0.17 | 0.09 | 0.05 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |      |
|      | ΔT   | 28   | 27   | 26   | 22   | 19   | 15   | 12   | 10   | 8    | 6    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |      |
|      | kW   | 1.65 | 1.68 | 1.73 | 1.79 | 1.85 | 1.91 | 1.97 | 2.03 | 2.09 | 2.15 | 2.21 | 2.27 | 2.33 | 2.39 | 2.45 | 2.51 | 2.57 | 2.63 | 2.69 | 2.75 | 2.81 | 2.87 | 2.93 | 2.99 | 3.05 | 3.11 | 3.17 | 3.23 | 3.29 | 3.35 | 3.41 | 3.47 | 3.53 | 3.59 |
|      | Amps | 6.4  | 6.6  | 6.8  | 7.0  | 7.2  | 7.4  | 7.6  | 7.8  | 8.0  | 8.2  | 8.4  | 8.6  | 8.8  | 9.0  | 9.2  | 9.4  | 9.6  | 9.8  | 10.0 | 10.2 | 10.4 | 10.6 | 10.8 | 11.0 | 11.2 | 11.4 | 11.6 | 11.8 | 12.0 | 12.2 | 12.4 | 12.6 | 12.8 | 13.0 |
| 1000 | MBh  | 28.9 | 29.5 | 30.8 | 32.9 | 35.0 | 37.1 | 39.2 | 41.3 | 43.4 | 45.5 | 47.6 | 49.7 | 51.8 | 53.9 | 56.0 | 58.1 | 60.2 | 62.3 | 64.4 | 66.5 | 68.6 | 70.7 | 72.8 | 74.9 | 77.0 | 79.1 | 81.2 | 83.3 | 85.4 | 87.5 | 89.6 | 91.7 | 93.8 | 95.9 |
|      | S/T  | 0.95 | 0.92 | 0.83 | 0.67 | 0.50 | 0.33 | 0.19 | 0.10 | 0.06 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |      |
|      | ΔT   | 25   | 25   | 23   | 20   | 17   | 14   | 11   | 9    | 7    | 5    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |      |
|      | kW   | 1.66 | 1.70 | 1.75 | 1.80 | 1.86 | 1.92 | 1.98 | 2.04 | 2.10 | 2.16 | 2.22 | 2.28 | 2.34 | 2.40 | 2.46 | 2.52 | 2.58 | 2.64 | 2.70 | 2.76 | 2.82 | 2.88 | 2.94 | 3.00 | 3.06 | 3.12 | 3.18 | 3.24 | 3.30 | 3.36 | 3.42 | 3.48 | 3.54 | 3.60 |
|      | Amps | 6.5  | 6.6  | 6.8  | 7.1  | 7.3  | 7.5  | 7.7  | 7.9  | 8.2  | 8.4  | 8.6  | 8.8  | 9.0  | 9.3  | 9.5  | 9.7  | 9.9  | 10.1 | 10.3 | 10.5 | 10.7 | 10.9 | 11.1 | 11.3 | 11.5 | 11.7 | 11.9 | 12.1 | 12.3 | 12.5 | 12.7 | 12.9 | 13.1 | 13.3 |
| 85   | MBh  | 28.1 | 28.6 | 29.9 | 32.0 | 34.1 | 36.2 | 38.3 | 40.4 | 42.5 | 44.6 | 46.7 | 48.8 | 50.9 | 53.0 | 55.1 | 57.2 | 59.3 | 61.4 | 63.5 | 65.6 | 67.7 | 69.8 | 71.9 | 74.0 | 76.1 | 78.2 | 80.3 | 82.4 | 84.5 | 86.6 | 88.7 | 90.8 | 92.9 | 95.0 |
|      | S/T  | 0.91 | 0.87 | 0.79 | 0.64 | 0.47 | 0.30 | 0.17 | 0.09 | 0.05 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |      |
|      | ΔT   | 28   | 27   | 26   | 22   | 19   | 15   | 12   | 10   | 8    | 6    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |      |
|      | kW   | 1.65 | 1.68 | 1.73 | 1.79 | 1.85 | 1.91 | 1.97 | 2.03 | 2.09 | 2.15 | 2.21 | 2.27 | 2.33 | 2.39 | 2.45 | 2.51 | 2.57 | 2.63 | 2.69 | 2.75 | 2.81 | 2.87 | 2.93 | 2.99 | 3.05 | 3.11 | 3.17 | 3.23 | 3.29 | 3.35 | 3.41 | 3.47 | 3.53 | 3.59 |
|      | Amps | 6.4  | 6.6  | 6.8  | 7.0  | 7.2  | 7.4  | 7.6  | 7.8  | 8.0  | 8.2  | 8.4  | 8.6  | 8.8  | 9.0  | 9.2  | 9.4  | 9.6  | 9.8  | 10.0 | 10.2 | 10.4 | 10.6 | 10.8 | 11.0 | 11.2 | 11.4 | 11.6 | 11.8 | 12.0 | 12.2 | 12.4 | 12.6 | 12.8 | 13.0 |
| 840  | MBh  | 28.1 | 28.6 | 29.9 | 32.0 | 34.1 | 36.2 | 38.3 | 40.4 | 42.5 | 44.6 | 46.7 | 48.8 | 50.9 | 53.0 | 55.1 | 57.2 | 59.3 | 61.4 | 63.5 | 65.6 | 67.7 | 69.8 | 71.9 | 74.0 | 76.1 | 78.2 | 80.3 | 82.4 | 84.5 | 86.6 | 88.7 | 90.8 | 92.9 | 95.0 |
|      | S/T  | 0.91 | 0.87 | 0.79 | 0.64 | 0.47 | 0.30 | 0.17 | 0.09 | 0.05 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |      |
|      | ΔT   | 28   | 27   | 26   | 22   | 19   | 15   | 12   | 10   | 8    | 6    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |      |
|      | kW   | 1.65 | 1.68 | 1.73 | 1.79 | 1.85 | 1.91 | 1.97 | 2.03 | 2.09 | 2.15 | 2.21 | 2.27 | 2.33 | 2.39 | 2.45 | 2.51 | 2.57 | 2.63 | 2.69 | 2.75 | 2.81 | 2.87 | 2.93 | 2.99 | 3.05 | 3.11 | 3.17 | 3.23 | 3.29 | 3.35 | 3.41 | 3.47 | 3.53 | 3.59 |
|      | Amps | 6.4  | 6.6  | 6.8  | 7.0  | 7.2  | 7.4  | 7.6  | 7.8  | 8.0  | 8.2  | 8.4  | 8.6  | 8.8  | 9.0  | 9.2  | 9.4  | 9.6  | 9.8  | 10.0 | 10.2 | 10.4 | 10.6 | 10.8 | 11.0 | 11.2 | 11.4 | 11.6 | 11.8 | 12.0 | 12.2 | 12.4 | 12.6 | 12.8 | 13.0 |
| 1000 | MBh  | 28.9 | 29.5 | 30.8 | 32.9 | 35.0 | 37.1 | 39.2 | 41.3 | 43.4 | 45.5 | 47.6 | 49.7 | 51.8 | 53.9 | 56.0 | 58.1 | 60.2 | 62.3 | 64.4 | 66.5 | 68.6 | 70.7 | 72.8 | 74.9 | 77.0 | 79.1 | 81.2 | 83.3 | 85.4 | 87.5 | 89.6 | 91.7 | 93.8 | 95.9 |
|      | S/T  | 0.95 | 0.92 | 0.83 | 0.67 | 0.50 | 0.33 | 0.19 | 0.10 | 0.06 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |      |
|      | ΔT   | 25   | 25   | 23   | 20   | 17   | 14   | 11   | 9    | 7    | 5    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |      |
|      | kW   | 1.66 | 1.70 | 1.75 | 1.80 | 1.86 | 1.92 | 1.98 | 2.04 | 2.10 | 2.16 | 2.22 | 2.28 | 2.34 | 2.40 | 2.46 | 2.52 | 2.58 | 2.64 | 2.70 | 2.76 | 2.82 | 2.88 | 2.94 | 3.00 | 3.06 | 3.12 | 3.18 | 3.24 | 3.30 | 3.36 | 3.42 | 3.48 | 3.54 | 3.60 |
|      | Amps | 6.5  | 6.6  | 6.8  | 7.1  | 7.3  | 7.5  | 7.7  | 7.9  | 8.2  | 8.4  | 8.6  | 8.8  | 9.0  | 9.3  | 9.5  | 9.7  | 9.9  | 10.1 | 10.3 | 10.5 | 10.7 | 10.9 | 11.1 | 11.3 | 11.5 | 11.7 | 11.9 | 12.1 | 12.3 | 12.5 | 12.7 | 12.9 | 13.1 | 13.3 |
| 85   | MBh  | 28.1 | 28.6 | 29.9 | 32.0 | 34.1 | 36.2 | 38.3 | 40.4 | 42.5 | 44.6 | 46.7 | 48.8 | 50.9 | 53.0 | 55.1 | 57.2 | 59.3 | 61.4 | 63.5 | 65.6 | 67.7 | 69.8 | 71.9 | 74.0 | 76.1 | 78.2 | 80.3 | 82.4 | 84.5 | 86.6 | 88.7 | 90.8 | 92.9 | 95.0 |
|      | S/T  | 0.91 | 0.87 | 0.79 | 0.64 | 0.47 | 0.30 | 0.17 | 0.09 | 0.05 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |      |
|      | ΔT   | 28   | 27   | 26   | 22   | 19   | 15   | 12   | 10   | 8    | 6    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |      |
|      | kW   | 1.65 | 1.68 | 1.73 | 1.79 | 1.85 | 1.91 | 1.97 | 2.03 | 2.09 | 2.15 | 2.21 | 2.27 | 2.33 | 2.39 | 2.45 | 2.51 | 2.57 | 2.63 | 2.69 | 2.75 | 2.81 | 2.87 | 2.93 | 2.99 | 3.05 | 3.11 | 3.17 | 3.23 | 3.29 | 3.35 | 3.41 | 3.47 | 3.53 | 3.59 |
|      | Amps | 6.4  | 6.6  | 6.8  | 7.0  | 7.2  | 7.4  | 7.6  | 7.8  | 8.0  | 8.2  | 8.4  | 8.6  | 8.8  | 9.0  | 9.2  | 9.4  | 9.6  | 9.8  | 10.0 | 10.2 | 10.4 | 10.6 | 10.8 | 11.0 | 11.2 | 11.4 | 11.6 | 11.8 | 12.0 | 12.2 | 12.4 | 12.6 | 12.8 | 13.0 |
| 840  | MBh  | 28.1 | 28.6 | 29.9 | 32.0 | 34.1 | 36.2 | 38.3 | 40.4 | 42.5 | 44.6 | 46.7 | 48.8 | 50.9 | 53.0 | 55.1 | 57.2 | 59.3 | 61.4 | 63.5 | 65.6 | 67.7 | 69.8 | 71.9 | 74.0 | 76.1 | 78.2 | 80.3 | 82.4 | 84.5 | 86.6 | 88.7 | 90.8 | 92.9 | 95.0 |
|      | S/T  | 0.91 | 0.87 | 0.79 | 0.64 | 0.47 | 0.30 | 0.17 | 0.09 | 0.05 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |      |
|      | ΔT   | 28   | 27   | 26   | 22   | 19   | 15   | 12   | 10   | 8    | 6    | 4    | 3    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |      |
|      | kW   | 1.65 | 1.68 | 1.73 | 1.79 | 1.85 | 1.91 | 1.97 | 2.03 | 2.09 | 2.15 | 2.21 | 2.27 | 2.33 | 2.39 | 2.45 | 2.51 | 2.57 | 2.63 | 2.69 | 2.75 | 2.81 | 2.87 | 2.93 | 2.99 | 3.05 | 3.11 | 3.17 | 3.23 | 3.29 | 3.35 | 3.41 | 3.47 | 3.53 | 3.59 |
|      | Amps | 6.4  | 6.6  | 6.8  | 7.0  | 7.2  | 7.4  | 7.6  | 7.8  | 8.0  | 8.2  | 8.4  | 8.6  | 8.8  | 9.0  | 9.2  | 9.4  | 9.6  | 9.8  | 10.0 | 10.2 | 10.4 | 10.6 | 10.8 | 11.0 | 11.2 | 11.4 | 11.6 | 11.8 | 12.0 | 12.2 | 12.4 | 12.6 | 12.8 | 13.0 |
| 1000 | MBh  | 28.9 | 29.5 | 30.8 | 32.9 | 35.0 | 37.1 | 39.2 | 41.3 | 43.4 | 45.5 | 47.6 | 49.7 | 51.8 | 53.9 | 56.0 | 58.1 | 60.2 | 62.3 | 64.4 | 66.5 | 68.6 | 70.7 | 72.8 | 74.9 | 77.0 | 79.1 | 81.2 | 83.3 | 85.4 | 87.5 | 89.6 | 91.7 | 93.8 | 95.9 |
|      | S/T  | 0.95 | 0.92 | 0.83 | 0.67 | 0.50 | 0.33 | 0.19 | 0.10 | 0.06 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |      |
|      | ΔT   | 25   | 2    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects AHRI conditions

kW = Total system power  
Amps = outdoor unit amps (comp.+fan)

# EXPANDED COOLING DATA — SSZ140371A\* / ARPT36C14A\*

|      |         | OUTDOOR AMBIENT TEMPERATURE |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
|------|---------|-----------------------------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|-------|------|------|----|-------|------|------|----|
|      |         | 65°F                        |      |      |    | 75°F |      |      |    | 85°F |      |      |    | 95°F |      |      |    | 105°F |      |      |    | 115°F |      |      |    |
| IDB  | AIRFLOW | 59                          | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59    | 63   | 67   | 71 | 59    | 63   | 67   | 71 |
| 70   | 1050    | 29.9                        | 30.9 | 33.9 | -  | 29.2 | 30.2 | 33.1 | -  | 28.5 | 29.5 | 32.3 | -  | 27.8 | 28.8 | 31.5 | -  | 26.4  | 27.3 | 30.0 | -  | 24.4  | 25.3 | 27.8 | -  |
|      | S/T     | 0.73                        | 0.61 | 0.42 | -  | 0.76 | 0.63 | 0.44 | -  | 0.78 | 0.65 | 0.45 | -  | 0.80 | 0.67 | 0.46 | -  | 0.83  | 0.69 | 0.48 | -  | 0.84  | 0.70 | 0.48 | -  |
|      | ΔT      | 19                          | 17   | 13   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -  | 19    | 17   | 13   | -  | 18    | 16   | 12   | -  |
|      | kW      | 1.91                        | 1.95 | 2.01 | -  | 2.05 | 2.10 | 2.17 | -  | 2.19 | 2.23 | 2.31 | -  | 2.30 | 2.35 | 2.43 | -  | 2.40  | 2.45 | 2.53 | -  | 2.48  | 2.54 | 2.62 | -  |
|      | Amps    | 7.3                         | 7.4  | 7.7  | -  | 7.8  | 8.0  | 8.2  | -  | 8.4  | 8.6  | 8.8  | -  | 8.9  | 9.1  | 9.4  | -  | 9.4   | 9.6  | 9.9  | -  | 9.9   | 10.1 | 10.5 | -  |
| 1260 | HI PR   | 212                         | 228  | 241  | -  | 238  | 256  | 271  | -  | 271  | 292  | 308  | -  | 309  | 332  | 351  | -  | 347   | 374  | 395  | -  | 384   | 413  | 436  | -  |
|      | LO PR   | 101                         | 108  | 118  | -  | 107  | 114  | 124  | -  | 111  | 118  | 129  | -  | 117  | 124  | 136  | -  | 122   | 130  | 142  | -  | 127   | 135  | 147  | -  |
|      | MBh     | 32.3                        | 33.5 | 36.7 | -  | 31.6 | 32.7 | 35.9 | -  | 30.8 | 32.0 | 35.0 | -  | 30.1 | 31.2 | 34.2 | -  | 28.6  | 29.6 | 32.5 | -  | 26.5  | 27.4 | 30.1 | -  |
|      | S/T     | 0.76                        | 0.63 | 0.44 | -  | 0.78 | 0.66 | 0.45 | -  | 0.80 | 0.67 | 0.47 | -  | 0.83 | 0.69 | 0.48 | -  | 0.86  | 0.72 | 0.50 | -  | 0.87  | 0.73 | 0.50 | -  |
|      | ΔT      | 18                          | 15   | 12   | -  | 18   | 16   | 12   | -  | 18   | 16   | 12   | -  | 18   | 16   | 12   | -  | 18    | 16   | 12   | -  | 17    | 15   | 11   | -  |
| 1350 | kW      | 1.95                        | 2.00 | 2.06 | -  | 2.11 | 2.15 | 2.22 | -  | 2.24 | 2.29 | 2.37 | -  | 2.36 | 2.41 | 2.49 | -  | 2.46  | 2.52 | 2.60 | -  | 2.55  | 2.61 | 2.69 | -  |
|      | Amps    | 7.5                         | 7.6  | 7.8  | -  | 8.0  | 8.2  | 8.4  | -  | 8.6  | 8.8  | 9.1  | -  | 9.1  | 9.3  | 9.6  | -  | 9.7   | 9.9  | 10.2 | -  | 10.2  | 10.4 | 10.7 | -  |
|      | HI PR   | 219                         | 236  | 249  | -  | 246  | 264  | 279  | -  | 279  | 301  | 317  | -  | 318  | 342  | 362  | -  | 358   | 385  | 407  | -  | 395   | 426  | 449  | -  |
|      | LO PR   | 104                         | 111  | 121  | -  | 110  | 117  | 128  | -  | 115  | 122  | 133  | -  | 120  | 128  | 140  | -  | 126   | 134  | 147  | -  | 131   | 139  | 152  | -  |
|      | MBh     | 32.7                        | 33.9 | 37.1 | -  | 31.9 | 33.1 | 36.2 | -  | 31.2 | 32.3 | 35.4 | -  | 30.4 | 31.5 | 34.5 | -  | 28.9  | 29.9 | 32.8 | -  | 26.7  | 27.7 | 30.4 | -  |
| 1350 | S/T     | 0.77                        | 0.64 | 0.45 | -  | 0.80 | 0.67 | 0.46 | -  | 0.82 | 0.68 | 0.47 | -  | 0.85 | 0.71 | 0.49 | -  | 0.88  | 0.73 | 0.51 | -  | 0.89  | 0.74 | 0.51 | -  |
|      | ΔT      | 17                          | 15   | 11   | -  | 17   | 15   | 11   | -  | 17   | 15   | 11   | -  | 18   | 15   | 12   | -  | 17    | 15   | 11   | -  | 16    | 14   | 11   | -  |
|      | kW      | 1.96                        | 2.00 | 2.07 | -  | 2.11 | 2.16 | 2.23 | -  | 2.25 | 2.30 | 2.37 | -  | 2.37 | 2.42 | 2.50 | -  | 2.47  | 2.52 | 2.61 | -  | 2.55  | 2.61 | 2.70 | -  |
|      | Amps    | 7.5                         | 7.6  | 7.9  | -  | 8.0  | 8.2  | 8.4  | -  | 8.6  | 8.8  | 9.1  | -  | 9.2  | 9.4  | 9.6  | -  | 9.7   | 9.9  | 10.2 | -  | 10.2  | 10.4 | 10.8 | -  |
|      | HI PR   | 220                         | 236  | 249  | -  | 246  | 265  | 280  | -  | 280  | 301  | 318  | -  | 319  | 343  | 363  | -  | 359   | 386  | 408  | -  | 397   | 427  | 451  | -  |
|      | LO PR   | 105                         | 111  | 122  | -  | 111  | 118  | 128  | -  | 115  | 122  | 134  | -  | 121  | 128  | 140  | -  | 127   | 135  | 147  | -  | 131   | 139  | 152  | -  |

|      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75   | 1050  | 30.4 | 31.3 | 33.8 | 36.3 | 29.7 | 30.5 | 33.0 | 35.5 | 28.9 | 29.8 | 32.3 | 34.6 | 28.2 | 29.1 | 31.5 | 33.8 | 26.8 | 27.6 | 29.9 | 32.1 | 24.9 | 25.6 | 27.7 | 29.7 |
|      | S/T   | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.94 | 0.84 | 0.64 | 0.41 | 0.95 | 0.85 | 0.64 | 0.41 |
|      | ΔT    | 22   | 20   | 17   | 11   | 22   | 21   | 17   | 12   | 22   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 22   | 20   | 17   | 12   | 21   | 19   | 16   | 11   |
|      | kW    | 1.92 | 1.96 | 2.03 | 2.09 | 2.07 | 2.12 | 2.19 | 2.26 | 2.20 | 2.25 | 2.33 | 2.40 | 2.32 | 2.37 | 2.45 | 2.53 | 2.42 | 2.47 | 2.56 | 2.64 | 2.50 | 2.56 | 2.65 | 2.74 |
|      | Amps  | 7.4  | 7.5  | 7.7  | 8.0  | 7.9  | 8.0  | 8.3  | 8.5  | 8.5  | 8.7  | 8.9  | 9.2  | 9.0  | 9.2  | 9.5  | 9.8  | 9.5  | 9.7  | 10.0 | 10.4 | 10.0 | 10.2 | 10.6 | 10.9 |
| 1260 | HI PR | 214  | 231  | 244  | 254  | 241  | 259  | 273  | 285  | 274  | 295  | 311  | 324  | 312  | 335  | 354  | 369  | 351  | 377  | 399  | 416  | 387  | 417  | 440  | 459  |
|      | LO PR | 102  | 109  | 119  | 127  | 108  | 115  | 126  | 134  | 112  | 119  | 130  | 139  | 118  | 126  | 137  | 146  | 124  | 132  | 144  | 153  | 128  | 136  | 149  | 158  |
|      | MBh   | 32.9 | 33.9 | 36.7 | 39.3 | 32.1 | 33.1 | 35.8 | 38.4 | 31.4 | 32.3 | 35.0 | 37.5 | 30.6 | 31.5 | 34.1 | 36.6 | 29.1 | 29.9 | 32.4 | 34.8 | 26.9 | 27.7 | 30.0 | 32.2 |
|      | S/T   | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.80 | 0.60 | 0.39 | 0.91 | 0.82 | 0.62 | 0.40 | 0.94 | 0.84 | 0.64 | 0.41 | 0.98 | 0.88 | 0.66 | 0.43 | 0.99 | 0.88 | 0.67 | 0.43 |
|      | ΔT    | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 19   | 18   | 15   | 10   |
| 1350 | kW    | 1.97 | 2.01 | 2.08 | 2.15 | 2.12 | 2.17 | 2.24 | 2.32 | 2.26 | 2.31 | 2.39 | 2.47 | 2.38 | 2.43 | 2.51 | 2.60 | 2.48 | 2.54 | 2.62 | 2.71 | 2.57 | 2.63 | 2.72 | 2.81 |
|      | Amps  | 7.5  | 7.7  | 7.9  | 8.2  | 8.1  | 8.2  | 8.5  | 8.8  | 8.7  | 8.9  | 9.1  | 9.4  | 9.2  | 9.4  | 9.7  | 10.0 | 9.7  | 10.0 | 10.3 | 10.6 | 10.3 | 10.5 | 10.8 | 11.2 |
|      | HI PR | 221  | 238  | 251  | 262  | 248  | 267  | 282  | 294  | 282  | 304  | 321  | 334  | 321  | 346  | 365  | 381  | 362  | 389  | 411  | 429  | 399  | 430  | 454  | 473  |
|      | LO PR | 105  | 112  | 122  | 130  | 111  | 119  | 129  | 138  | 116  | 123  | 134  | 143  | 122  | 129  | 141  | 150  | 127  | 136  | 148  | 158  | 132  | 140  | 153  | 163  |
|      | MBh   | 33.2 | 34.2 | 37.0 | 39.7 | 32.5 | 33.4 | 36.2 | 38.8 | 31.7 | 32.6 | 35.3 | 37.9 | 30.9 | 31.8 | 34.4 | 37.0 | 29.4 | 30.2 | 32.7 | 35.1 | 27.2 | 28.0 | 30.3 | 32.5 |
| 1350 | S/T   | 0.88 | 0.78 | 0.59 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.41 | 0.96 | 0.86 | 0.65 | 0.42 | 1.00 | 0.89 | 0.68 | 0.43 | 1.00 | 0.90 | 0.68 | 0.44 |
|      | ΔT    | 20   | 18   | 15   | 10   | 20   | 19   | 15   | 10   | 20   | 19   | 15   | 10   | 20   | 19   | 15   | 11   | 20   | 18   | 15   | 10   | 19   | 17   | 14   | 10   |
|      | kW    | 1.98 | 2.02 | 2.08 | 2.15 | 2.13 | 2.18 | 2.25 | 2.32 | 2.27 | 2.32 | 2.39 | 2.47 | 2.39 | 2.44 | 2.52 | 2.61 | 2.49 | 2.55 | 2.63 | 2.72 | 2.58 | 2.64 | 2.72 | 2.82 |
|      | Amps  | 7.5  | 7.7  | 7.9  | 8.2  | 8.1  | 8.3  | 8.5  | 8.8  | 8.7  | 8.9  | 9.2  | 9.5  | 9.2  | 9.4  | 9.7  | 10.1 | 9.8  | 10.0 | 10.3 | 10.7 | 10.3 | 10.5 | 10.9 | 11.2 |
|      | HI PR | 222  | 239  | 252  | 263  | 249  | 268  | 283  | 295  | 283  | 305  | 322  | 335  | 322  | 347  | 366  | 382  | 363  | 390  | 412  | 430  | 401  | 431  | 455  | 475  |
|      | LO PR | 106  | 113  | 123  | 131  | 112  | 119  | 130  | 138  | 116  | 124  | 135  | 144  | 122  | 130  | 142  | 151  | 128  | 136  | 148  | 158  | 132  | 141  | 154  | 164  |

IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service valves.  
Shaded area reflects ACCA (TVA) conditions  
kW = Total system power  
Amps = outdoor unit amps (comp.+fan)

# EXPANDED COOLING DATA — SSZ140371A\* / ARPT36C14A\* (CONT.)

|     |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----|---------|-----------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|     |         | 65°F                        |      |      |      |      |      | 75°F |      |       |       |       |       | 85°F  |       |       |       |       |       | 95°F  |       |       |       |       |       | 105°F |       |       |       |       |       | 115°F |       |       |       |       |       |
| IDB | AIRFLOW | 59                          | 63   | 67   | 71   | 75   | 79   | 83   | 87   | 91    | 95    | 99    | 103   | 107   | 111   | 115   | 119   | 123   | 127   | 131   | 135   | 139   | 143   | 147   | 151   | 155   | 159   | 163   | 167   | 171   | 175   | 179   | 183   | 187   | 191   | 195   |       |
| 80  | 1050    | MBh                         | 30.9 | 31.6 | 33.7 | 36.1 | 38.2 | 40.3 | 42.4 | 44.5  | 46.6  | 48.7  | 50.8  | 52.9  | 55.0  | 57.1  | 59.2  | 61.3  | 63.4  | 65.5  | 67.6  | 69.7  | 71.8  | 73.9  | 76.0  | 78.1  | 80.2  | 82.3  | 84.4  | 86.5  | 88.6  | 90.7  | 92.8  | 94.9  | 97.0  | 99.1  | 101.2 |
|     |         | S/T                         | 0.91 | 0.85 | 0.69 | 0.52 | 0.35 | 0.18 | 0.01 | -0.16 | -0.33 | -0.50 | -0.67 | -0.84 | -1.01 | -1.18 | -1.35 | -1.52 | -1.69 | -1.86 | -2.03 | -2.20 | -2.37 | -2.54 | -2.71 | -2.88 | -3.05 | -3.22 | -3.39 | -3.56 | -3.73 | -3.90 | -4.07 | -4.24 | -4.41 | -4.58 |       |
|     |         | ΔT                          | 25   | 24   | 21   | 16   | 11   | 6    | 1    | -4    | -9    | -14   | -19   | -24   | -29   | -34   | -39   | -44   | -49   | -54   | -59   | -64   | -69   | -74   | -79   | -84   | -89   | -94   | -99   | -104  | -109  | -114  | -119  | -124  | -129  | -134  | -139  |
|     |         | kW                          | 1.94 | 1.98 | 2.04 | 2.11 | 2.09 | 2.13 | 2.20 | 2.28  | 2.34  | 2.41  | 2.48  | 2.55  | 2.62  | 2.69  | 2.76  | 2.83  | 2.90  | 2.97  | 3.04  | 3.11  | 3.18  | 3.25  | 3.32  | 3.39  | 3.46  | 3.53  | 3.60  | 3.67  | 3.74  | 3.81  | 3.88  | 3.95  | 4.02  | 4.09  | 4.16  |
|     |         | Amps                        | 7.4  | 7.6  | 7.8  | 8.0  | 7.9  | 8.1  | 8.3  | 8.6   | 8.8   | 9.0   | 9.3   | 9.5   | 9.8   | 10.1  | 10.4  | 10.7  | 11.0  | 11.3  | 11.6  | 11.9  | 12.2  | 12.5  | 12.8  | 13.1  | 13.4  | 13.7  | 14.0  | 14.3  | 14.6  | 14.9  | 15.2  | 15.5  | 15.8  | 16.1  |       |
|     |         | Hi PR                       | 217  | 233  | 246  | 257  | 243  | 262  | 276  | 288   | 299   | 310   | 321   | 332   | 343   | 354   | 365   | 376   | 387   | 398   | 409   | 420   | 431   | 442   | 453   | 464   | 475   | 486   | 497   | 508   | 519   | 530   | 541   | 552   | 563   | 574   | 585   |
|     |         | Lo PR                       | 103  | 110  | 120  | 128  | 109  | 116  | 127  | 135   | 143   | 151   | 159   | 167   | 175   | 183   | 191   | 199   | 207   | 215   | 223   | 231   | 239   | 247   | 255   | 263   | 271   | 279   | 287   | 295   | 303   | 311   | 319   | 327   | 335   | 343   |       |
|     |         | MBh                         | 33.5 | 34.2 | 36.6 | 39.1 | 41.2 | 43.3 | 45.4 | 47.5  | 49.6  | 51.7  | 53.8  | 55.9  | 58.0  | 60.1  | 62.2  | 64.3  | 66.4  | 68.5  | 70.6  | 72.7  | 74.8  | 76.9  | 79.0  | 81.1  | 83.2  | 85.3  | 87.4  | 89.5  | 91.6  | 93.7  | 95.8  | 97.9  | 100.0 | 102.1 |       |
| 80  | 1260    | S/T                         | 0.94 | 0.88 | 0.72 | 0.54 | 0.37 | 0.20 | 0.03 | -0.14 | -0.31 | -0.48 | -0.65 | -0.82 | -0.99 | -1.16 | -1.33 | -1.50 | -1.67 | -1.84 | -2.01 | -2.18 | -2.35 | -2.52 | -2.69 | -2.86 | -3.03 | -3.20 | -3.37 | -3.54 | -3.71 | -3.88 | -4.05 | -4.22 | -4.39 | -4.56 |       |
|     |         | ΔT                          | 23   | 22   | 19   | 15   | 10   | 5    | 0    | -5    | -10   | -15   | -20   | -25   | -30   | -35   | -40   | -45   | -50   | -55   | -60   | -65   | -70   | -75   | -80   | -85   | -90   | -95   | -100  | -105  | -110  | -115  | -120  | -125  | -130  | -135  |       |
|     |         | kW                          | 1.99 | 2.03 | 2.09 | 2.16 | 2.14 | 2.19 | 2.26 | 2.34  | 2.41  | 2.49  | 2.56  | 2.63  | 2.70  | 2.78  | 2.85  | 2.92  | 3.00  | 3.07  | 3.14  | 3.21  | 3.28  | 3.35  | 3.42  | 3.49  | 3.56  | 3.63  | 3.70  | 3.77  | 3.84  | 3.91  | 3.98  | 4.05  | 4.12  | 4.19  |       |
|     |         | Amps                        | 7.6  | 7.8  | 8.0  | 8.2  | 8.1  | 8.3  | 8.5  | 8.8   | 9.0   | 9.2   | 9.5   | 9.8   | 10.1  | 10.4  | 10.7  | 11.0  | 11.3  | 11.6  | 11.9  | 12.2  | 12.5  | 12.8  | 13.1  | 13.4  | 13.7  | 14.0  | 14.3  | 14.6  | 14.9  | 15.2  | 15.5  | 15.8  | 16.1  |       |       |
|     |         | Hi PR                       | 223  | 240  | 254  | 265  | 251  | 270  | 285  | 297   | 308   | 319   | 330   | 341   | 352   | 363   | 374   | 385   | 396   | 407   | 418   | 429   | 440   | 451   | 462   | 473   | 484   | 495   | 506   | 517   | 528   | 539   | 550   | 561   | 572   | 583   |       |
|     |         | Lo PR                       | 107  | 113  | 124  | 132  | 113  | 120  | 131  | 139   | 147   | 155   | 163   | 171   | 179   | 187   | 195   | 203   | 211   | 219   | 227   | 235   | 243   | 251   | 259   | 267   | 275   | 283   | 291   | 299   | 307   | 315   | 323   | 331   | 339   | 347   |       |
|     |         | MBh                         | 33.8 | 34.6 | 36.9 | 39.5 | 41.6 | 43.7 | 45.8 | 47.9  | 50.0  | 52.1  | 54.2  | 56.3  | 58.4  | 60.5  | 62.6  | 64.7  | 66.8  | 68.9  | 71.0  | 73.1  | 75.2  | 77.3  | 79.4  | 81.5  | 83.6  | 85.7  | 87.8  | 89.9  | 92.0  | 94.1  | 96.2  | 98.3  | 100.4 |       |       |
|     |         | S/T                         | 0.96 | 0.90 | 0.73 | 0.55 | 0.38 | 0.21 | 0.04 | -0.13 | -0.30 | -0.47 | -0.64 | -0.81 | -0.98 | -1.15 | -1.32 | -1.49 | -1.66 | -1.83 | -2.00 | -2.17 | -2.34 | -2.51 | -2.68 | -2.85 | -3.02 | -3.19 | -3.36 | -3.53 | -3.70 | -3.87 | -4.04 | -4.21 | -4.38 | -4.55 |       |
| 80  | 1350    | ΔT                          | 22   | 21   | 18   | 15   | 10   | 5    | 0    | -5    | -10   | -15   | -20   | -25   | -30   | -35   | -40   | -45   | -50   | -55   | -60   | -65   | -70   | -75   | -80   | -85   | -90   | -95   | -100  | -105  | -110  | -115  | -120  | -125  | -130  | -135  |       |
|     |         | kW                          | 1.99 | 2.03 | 2.10 | 2.17 | 2.15 | 2.19 | 2.27 | 2.34  | 2.41  | 2.49  | 2.56  | 2.63  | 2.70  | 2.78  | 2.85  | 2.92  | 3.00  | 3.07  | 3.14  | 3.21  | 3.28  | 3.35  | 3.42  | 3.49  | 3.56  | 3.63  | 3.70  | 3.77  | 3.84  | 3.91  | 3.98  | 4.05  | 4.12  | 4.19  |       |
|     |         | Amps                        | 7.6  | 7.8  | 8.0  | 8.3  | 8.1  | 8.3  | 8.6  | 8.9   | 9.2   | 9.5   | 9.8   | 10.1  | 10.4  | 10.7  | 11.0  | 11.3  | 11.6  | 11.9  | 12.2  | 12.5  | 12.8  | 13.1  | 13.4  | 13.7  | 14.0  | 14.3  | 14.6  | 14.9  | 15.2  | 15.5  | 15.8  | 16.1  |       |       |       |
|     |         | Hi PR                       | 224  | 241  | 255  | 266  | 251  | 271  | 286  | 298   | 309   | 320   | 331   | 342   | 353   | 364   | 375   | 386   | 397   | 408   | 419   | 430   | 441   | 452   | 463   | 474   | 485   | 496   | 507   | 518   | 529   | 540   | 551   | 562   | 573   | 584   |       |
|     |         | Lo PR                       | 107  | 114  | 124  | 132  | 113  | 120  | 131  | 140   | 148   | 156   | 164   | 172   | 180   | 188   | 196   | 204   | 212   | 220   | 228   | 236   | 244   | 252   | 260   | 268   | 276   | 284   | 292   | 300   | 308   | 316   | 324   | 332   | 340   | 348   |       |
|     |         | MBh                         | 31.4 | 32.1 | 33.6 | 35.8 | 37.9 | 40.0 | 42.1 | 44.2  | 46.3  | 48.4  | 50.5  | 52.6  | 54.7  | 56.8  | 58.9  | 61.0  | 63.1  | 65.2  | 67.3  | 69.4  | 71.5  | 73.6  | 75.7  | 77.8  | 79.9  | 82.0  | 84.1  | 86.2  | 88.3  | 90.4  | 92.5  | 94.6  | 96.7  | 98.8  |       |
|     |         | S/T                         | 0.95 | 0.92 | 0.83 | 0.67 | 0.50 | 0.33 | 0.16 | -0.01 | -0.18 | -0.35 | -0.52 | -0.69 | -0.86 | -1.03 | -1.20 | -1.37 | -1.54 | -1.71 | -1.88 | -2.05 | -2.22 | -2.39 | -2.56 | -2.73 | -2.90 | -3.07 | -3.24 | -3.41 | -3.58 | -3.75 | -3.92 | -4.09 | -4.26 |       |       |
|     |         | ΔT                          | 26   | 26   | 24   | 21   | 17   | 13   | 9    | 5     | 1     | -4    | -9    | -14   | -19   | -24   | -29   | -34   | -39   | -44   | -49   | -54   | -59   | -64   | -69   | -74   | -79   | -84   | -89   | -94   | -99   | -104  | -109  | -114  | -119  |       |       |
| 85  | 1050    | kW                          | 1.95 | 2.00 | 2.06 | 2.13 | 2.11 | 2.15 | 2.22 | 2.30  | 2.37  | 2.45  | 2.52  | 2.59  | 2.67  | 2.74  | 2.81  | 2.88  | 2.95  | 3.02  | 3.09  | 3.16  | 3.23  | 3.30  | 3.37  | 3.44  | 3.51  | 3.58  | 3.65  | 3.72  | 3.79  | 3.86  | 3.93  | 4.00  | 4.07  |       |       |
|     |         | Amps                        | 7.5  | 7.6  | 7.8  | 8.1  | 8.0  | 8.2  | 8.4  | 8.7   | 8.9   | 9.1   | 9.4   | 9.7   | 10.0  | 10.3  | 10.6  | 10.9  | 11.2  | 11.5  | 11.8  | 12.1  | 12.4  | 12.7  | 13.0  | 13.3  | 13.6  | 13.9  | 14.2  | 14.5  | 14.8  | 15.1  | 15.4  | 15.7  | 16.0  |       |       |
|     |         | Hi PR                       | 219  | 235  | 249  | 259  | 246  | 264  | 279  | 291   | 302   | 313   | 324   | 335   | 346   | 357   | 368   | 379   | 390   | 401   | 412   | 423   | 434   | 445   | 456   | 467   | 478   | 489   | 500   | 511   | 522   | 533   | 544   | 555   | 566   | 577   |       |
|     |         | Lo PR                       | 104  | 111  | 121  | 129  | 110  | 117  | 128  | 136   | 144   | 152   | 160   | 168   | 176   | 184   | 192   | 200   | 208   | 216   | 224   | 232   | 240   | 248   | 256   | 264   | 272   | 280   | 288   | 296   | 304   | 312   | 320   | 328   | 336   |       |       |
|     |         | MBh                         | 34.1 | 34.7 | 36.4 | 38.8 | 40.9 | 43.0 | 45.1 | 47.2  | 49.3  | 51.4  | 53.5  | 55.6  | 57.7  | 59.8  | 61.9  | 64.0  | 66.1  | 68.2  | 70.3  | 72.4  | 74.5  | 76.6  | 78.7  | 80.8  | 82.9  | 85.0  | 87.1  | 89.2  | 91.3  | 93.4  | 95.5  | 97.6  | 99.7  |       |       |
|     |         | S/T                         | 0.99 | 0.95 | 0.86 | 0.70 | 0.53 | 0.36 | 0.19 | 0.02  | -0.15 | -0.32 | -0.49 | -0.66 | -0.83 | -1.00 | -1.17 | -1.34 | -1.51 | -1.68 | -1.85 | -2.02 | -2.19 | -2.36 | -2.53 | -2.70 | -2.87 | -3.04 | -3.21 | -3.38 | -3.55 | -3.72 | -3.89 | -4.06 | -4.23 |       |       |
|     |         | ΔT                          | 25   | 24   | 23   | 20   | 16   | 12   | 8    | 4     | 0     | -4    | -9    | -14   | -19   | -24   | -29   | -34   | -39   | -44   | -49   | -54   | -59   | -64   | -69   | -74   | -79   | -84   | -89   | -94   | -99   | -104  | -109  | -114  | -119  |       |       |
|     |         | kW                          | 2.00 | 2.05 | 2.11 | 2.18 | 2.16 | 2.21 | 2.28 | 2.36  | 2.43  | 2.51  | 2.58  | 2.65  | 2.72  | 2.79  | 2.86  | 2.93  | 3.00  | 3.07  | 3.14  | 3.21  | 3.28  | 3.35  | 3.42  | 3.49  | 3.56  | 3.63  | 3.70  | 3.77  | 3.84  | 3.91  | 3.98  | 4.05  | 4.12  |       |       |
| 85  | 1260    | Amps                        | 7.7  | 7.8  | 8.0  | 8.3  | 8.2  | 8.4  | 8.6  | 8.9   | 9.1   | 9.4   | 9.7   | 10.0  | 10.3  | 10.6  | 10.9  | 11.2  | 11.5  | 11.8  | 12.1  | 12.4  | 12.7  | 13.0  | 13.3  | 13.6  | 13.9  | 14.2  | 14.5  | 14.8  | 15.1  | 15.4  | 15.7  | 16.0  |       |       |       |
|     |         | Hi PR                       | 226  | 243  | 256  | 267  | 253  | 272  | 288  | 300   | 311   | 322   | 333   | 344   | 355   | 366   | 377   | 388   | 399   | 410   | 421   | 432   | 443   | 454   | 465   | 476   | 487   | 498   | 509   | 520   | 531   | 542   | 553   | 564   | 575   |       |       |
|     |         | Lo PR                       | 108  | 114  | 125  | 133  | 114  | 121  | 132  | 141   | 149   | 157   | 165   | 173   | 181   | 189   | 197   | 205   | 213   | 221   | 229   | 237   | 245   | 253   | 261   | 269   | 277   | 285   | 293   | 301   | 309   | 317   | 325   | 333   | 341   |       |       |
|     |         | MBh                         | 34.4 | 35.1 | 36.7 | 39.2 | 41.3 | 43.4 | 45.5 | 47.6  | 49.7  | 51.8  | 53.9  | 56.0  | 58.1  | 60.2  | 62.3  | 64.4  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |

## EXPANDED HEATING DATA

### SSZ140191A\* / ARPT24B14A\*

|       | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    |      | -5   | -10  |
| MBh   | 22.5                        | 21.3 | 20.0 | 18.7 | 17.9 | 17.3 | 16.1 | 14.9 | 12.5 | 11.5 | 10.6 | 10.0 | 9.6  | 8.6  | 7.7  | 6.7  | 5.7  | 4.7  |
| T/R   | 35.9                        | 34.0 | 32.0 | 29.9 | 28.6 | 27.7 | 25.7 | 23.7 | 19.9 | 18.4 | 16.9 | 16.0 | 15.4 | 13.8 | 12.2 | 10.7 | 9.1  | 7.5  |
| kW    | 1.45                        | 1.41 | 1.38 | 1.34 | 1.32 | 1.31 | 1.28 | 1.24 | 1.43 | 1.39 | 1.35 | 1.32 | 1.31 | 1.27 | 1.23 | 1.19 | 1.15 | 1.11 |
| Amps  | 7.9                         | 7.2  | 6.7  | 6.3  | 6.1  | 5.9  | 5.6  | 5.2  | 5.0  | 4.7  | 4.5  | 4.4  | 4.3  | 4.1  | 3.7  | 3.5  | 3.2  | 2.8  |
| COP   | 4.07                        | 3.93 | 3.78 | 3.62 | 3.50 | 3.42 | 3.25 | 3.07 | 2.28 | 2.16 | 2.04 | 1.96 | 1.90 | 1.76 | 1.60 | 1.44 | 1.26 | 1.07 |
| EER   | 15.6                        | 15.1 | 14.6 | 14.0 | 13.5 | 13.3 | 12.6 | 12.0 | 8.7  | 8.3  | 7.9  | 7.6  | 7.4  | 6.8  | 6.2  | 5.6  | 5.0  | 4.2  |
| HI PR | 400                         | 383  | 368  | 352  | 344  | 337  | 324  | 311  | 298  | 285  | 273  | 267  | 262  | 252  | 243  | 233  | 224  | 216  |
| LO PR | 149                         | 138  | 129  | 118  | 112  | 108  | 99   | 88   | 80   | 71   | 62   | 58   | 56   | 47   | 41   | 34   | 30   | 24   |

### SSZ140251A\* / ARPT24B14A\*

|       | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    |      | -5   | -10  |
| MBh   | 30.2                        | 28.6 | 26.9 | 25.1 | 24.0 | 23.3 | 21.6 | 19.9 | 17.4 | 16.1 | 14.8 | 14.0 | 13.5 | 12.1 | 10.7 | 9.4  | 8.0  | 6.5  |
| T/R   | 34.1                        | 32.2 | 30.4 | 28.4 | 27.1 | 26.3 | 24.4 | 22.5 | 19.7 | 18.2 | 16.7 | 15.8 | 15.2 | 13.7 | 12.1 | 10.6 | 9.0  | 7.4  |
| kW    | 1.97                        | 1.92 | 1.88 | 1.83 | 1.80 | 1.78 | 1.74 | 1.69 | 1.95 | 1.89 | 1.84 | 1.80 | 1.78 | 1.73 | 1.67 | 1.62 | 1.56 | 1.51 |
| Amps  | 10.7                        | 9.9  | 9.2  | 8.6  | 8.3  | 8.1  | 7.6  | 7.1  | 6.8  | 6.5  | 6.1  | 6.0  | 5.9  | 5.5  | 5.1  | 4.8  | 4.3  | 3.8  |
| COP   | 3.95                        | 3.82 | 3.68 | 3.51 | 3.40 | 3.33 | 3.16 | 2.98 | 2.31 | 2.19 | 2.07 | 1.98 | 1.93 | 1.78 | 1.62 | 1.46 | 1.28 | 1.08 |
| EER   | 15.3                        | 14.8 | 14.3 | 13.7 | 13.3 | 13.0 | 12.4 | 11.8 | 9.0  | 8.5  | 8.1  | 7.8  | 7.6  | 7.0  | 6.4  | 5.8  | 5.1  | 4.3  |
| HI PR | 403                         | 387  | 372  | 356  | 347  | 341  | 327  | 314  | 301  | 287  | 276  | 269  | 265  | 254  | 245  | 235  | 226  | 218  |
| LO PR | 146                         | 135  | 127  | 116  | 110  | 106  | 97   | 86   | 78   | 70   | 61   | 57   | 55   | 46   | 40   | 34   | 30   | 23   |

### SSZ140311A\* / ARPT30B14A\*

|       | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    |      | -5   | -10  |
| MBh   | 34.7                        | 32.8 | 30.9 | 28.9 | 27.6 | 26.7 | 24.8 | 22.9 | 20.2 | 18.6 | 17.2 | 16.2 | 15.6 | 14.0 | 12.4 | 10.8 | 9.2  | 7.6  |
| T/R   | 38.2                        | 36.2 | 34.1 | 31.9 | 30.4 | 29.5 | 27.4 | 25.3 | 22.3 | 20.5 | 18.9 | 17.9 | 17.2 | 15.4 | 13.7 | 11.9 | 10.2 | 8.3  |
| kW    | 2.31                        | 2.25 | 2.20 | 2.14 | 2.11 | 2.09 | 2.04 | 1.98 | 2.28 | 2.21 | 2.15 | 2.11 | 2.09 | 2.02 | 1.96 | 1.90 | 1.83 | 1.77 |
| Amps  | 12.6                        | 11.6 | 10.8 | 10.1 | 9.7  | 9.5  | 8.9  | 8.4  | 8.0  | 7.6  | 7.2  | 7.0  | 6.9  | 6.5  | 6.0  | 5.6  | 5.1  | 4.5  |
| COP   | 3.95                        | 3.82 | 3.67 | 3.51 | 3.40 | 3.33 | 3.16 | 2.99 | 2.32 | 2.20 | 2.08 | 2.00 | 1.94 | 1.79 | 1.63 | 1.47 | 1.29 | 1.09 |
| EER   | 15.0                        | 14.6 | 14.1 | 13.5 | 13.1 | 12.8 | 12.2 | 11.6 | 8.9  | 8.4  | 8.0  | 7.7  | 7.5  | 6.9  | 6.3  | 5.7  | 5.0  | 4.3  |
| HI PR | 401                         | 384  | 370  | 353  | 345  | 339  | 325  | 312  | 299  | 286  | 274  | 268  | 263  | 253  | 243  | 233  | 225  | 217  |
| LO PR | 142                         | 132  | 123  | 113  | 107  | 103  | 95   | 84   | 76   | 68   | 60   | 56   | 54   | 45   | 39   | 33   | 29   | 23   |

### SSZ140371A\* / ARPT36C14A\*

|       | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    |      | -5   | -10  |
| MBh   | 41.7                        | 39.5 | 37.2 | 34.8 | 33.2 | 32.2 | 29.9 | 27.6 | 24.9 | 23.0 | 21.2 | 20.0 | 19.3 | 17.3 | 15.3 | 13.4 | 11.4 | 9.3  |
| T/R   | 30.7                        | 29.0 | 27.3 | 25.5 | 24.4 | 23.6 | 22.0 | 20.2 | 18.3 | 16.9 | 15.6 | 14.7 | 14.2 | 12.7 | 11.3 | 9.8  | 8.4  | 6.9  |
| kW    | 2.42                        | 2.36 | 2.30 | 2.24 | 2.21 | 2.19 | 2.13 | 2.07 | 2.38 | 2.32 | 2.25 | 2.21 | 2.18 | 2.11 | 2.05 | 1.98 | 1.91 | 1.85 |
| Amps  | 13.1                        | 12.1 | 11.3 | 10.5 | 10.1 | 9.9  | 9.3  | 8.8  | 8.3  | 7.9  | 7.5  | 7.3  | 7.2  | 6.8  | 6.3  | 5.8  | 5.3  | 4.7  |
| COP   | 4.31                        | 4.17 | 4.01 | 3.83 | 3.70 | 3.62 | 3.43 | 3.24 | 2.60 | 2.46 | 2.33 | 2.23 | 2.17 | 2.00 | 1.82 | 1.63 | 1.43 | 1.21 |
| EER   | 17.3                        | 16.8 | 16.2 | 15.5 | 15.0 | 14.7 | 14.0 | 13.3 | 10.5 | 9.9  | 9.4  | 9.1  | 8.8  | 8.2  | 7.5  | 6.7  | 6.0  | 5.1  |
| HI PR | 372                         | 357  | 343  | 328  | 320  | 314  | 302  | 290  | 278  | 265  | 255  | 249  | 244  | 235  | 226  | 217  | 209  | 202  |
| LO PR | 143                         | 133  | 125  | 114  | 108  | 104  | 96   | 85   | 77   | 69   | 60   | 56   | 54   | 46   | 39   | 33   | 29   | 23   |

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

# AHRI RATINGS

| OUTDOOR UNIT    | INDOOR UNITS       | COOLING CAPACITY |        |                   |                  | TVA RATINGS <sup>3</sup> |        | HEATING CAPACITY |                   |        | CFM   | AHRI #  |
|-----------------|--------------------|------------------|--------|-------------------|------------------|--------------------------|--------|------------------|-------------------|--------|-------|---------|
|                 | COILS/AIR HANDLERS | TOTAL            | SENS.  | SEER <sup>1</sup> | EER <sup>2</sup> | TOTAL                    | SENS.  | HI               | HSPF <sup>4</sup> | LOW    |       |         |
| SSZ14<br>0191A* | ARPT18B14A*        | 18,000           | 13,500 | 14.0              | 12.0             | 16,700                   | 13,000 | 17,900           | 7.7               | 10,000 | 580   | 5492249 |
|                 | ARPT24B14A*        | 18,000           | 13,500 | 14.0              | 12.0             | 16,700                   | 13,000 | 17,900           | 7.7               | 10,000 | 560   | 5492250 |
|                 | ARUF18B14A*+TXV    | 17,000           | 12,700 | 13.0              | 11.0             | 15,800                   | 12,300 | 17,000           | 7.7               | 10,000 | 605   | 5492292 |
|                 | ARUF24B14B*+TXV    | 17,000           | 12,700 | 13.5              | 11.0             | 15,800                   | 12,300 | 17,000           | 7.7               | 10,000 | 600   | 5647200 |
|                 | AWUF31XX16A*+TXV   | 18,000           | 13,500 | 15.0              | 12.7             | 16,700                   | 13,000 | 17,200           | 8.2               | 9,700  | 600   | 5492270 |
| SSZ14<br>0251A* | ARPT24B14A*        | 24,000           | 18,100 | 13.5              | 11.5             | 22,200                   | 17,800 | 24,000           | 8.0               | 14,000 | 820   | 5492251 |
|                 | ARPT30B14A*        | 24,000           | 18,100 | 14.0              | 12.0             | 22,200                   | 17,800 | 23,600           | 8.0               | 14,100 | 850   | 5492293 |
|                 | ARUF24B14B*+TXV    | 23,200           | 17,500 | 13.5              | 11.5             | 21,400                   | 17,200 | 23,600           | 7.8               | 14,100 | 835   | 5583628 |
|                 | AWUF31XX16A*+TXV   | 24,000           | 18,100 | 15.0              | 12.7             | 22,200                   | 17,800 | 23,000           | 8.5               | 13,400 | 800   | 5492273 |
|                 | AWUF32XX16A*+TXV   | 24,000           | 18,100 | 15.0              | 12.7             | 22,200                   | 17,800 | 23,000           | 8.5               | 13,400 | 800   | 5492274 |
| SSZ14<br>0311A* | ARPT30B14A*        | 27,800           | 20,000 | 14.0              | 11.5             | 25,800                   | 21,600 | 27,400           | 8.0               | 16,200 | 840   | 5492252 |
|                 | ARUF30B14A*+TXV    | 27,800           | 20,000 | 14.0              | 11.5             | 25,800                   | 21,600 | 27,400           | 8.0               | 16,000 | 835   | 5492253 |
|                 | AWUF31XX16A*+TXV   | 28,800           | 20,800 | 14.5              | 12.3             | 26,600                   | 22,400 | 25,600           | 8.2               | 16,200 | 1,005 | 5492275 |
|                 | AWUF32XX16A*+TXV   | 28,800           | 20,800 | 14.5              | 12.3             | 26,600                   | 22,400 | 25,600           | 8.2               | 15,900 | 850   | 5492276 |
| SSZ14<br>0371A* | ARPT36C14A*        | 33,000           | 25,200 | 13.5              | 11.0             | 30,600                   | 25,600 | 33,200           | 8.1               | 20,400 | 1,135 | 5492256 |
|                 | ARPT36D14A*        | 33,400           | 25,600 | 14.0              | 11.5             | 31,000                   | 26,000 | 30,000           | 8.3               | 20,000 | 1,120 | 5492255 |
|                 | AWUF37XX16B*+TXV   | 32,000           | 24,400 | 13.5              | 11.5             | 29,600                   | 24,800 | 32,000           | 8.5               | 20,200 | 1,150 | 5492294 |

<sup>1</sup> Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80 °F/67 °F/95 °F

<sup>2</sup> Energy Efficiency Ratio @ 80 °F/67 °F/95 °F

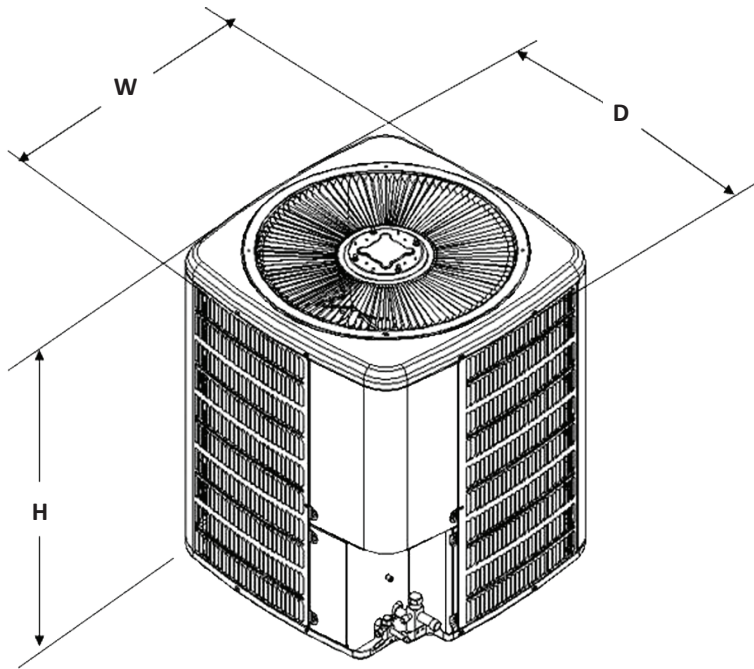
<sup>3</sup> TVA Rating: BTU/h @ 75°F/63°F - 95°F

<sup>4</sup> HSPF = Heating Seasonal Performance Factor

## NOTES

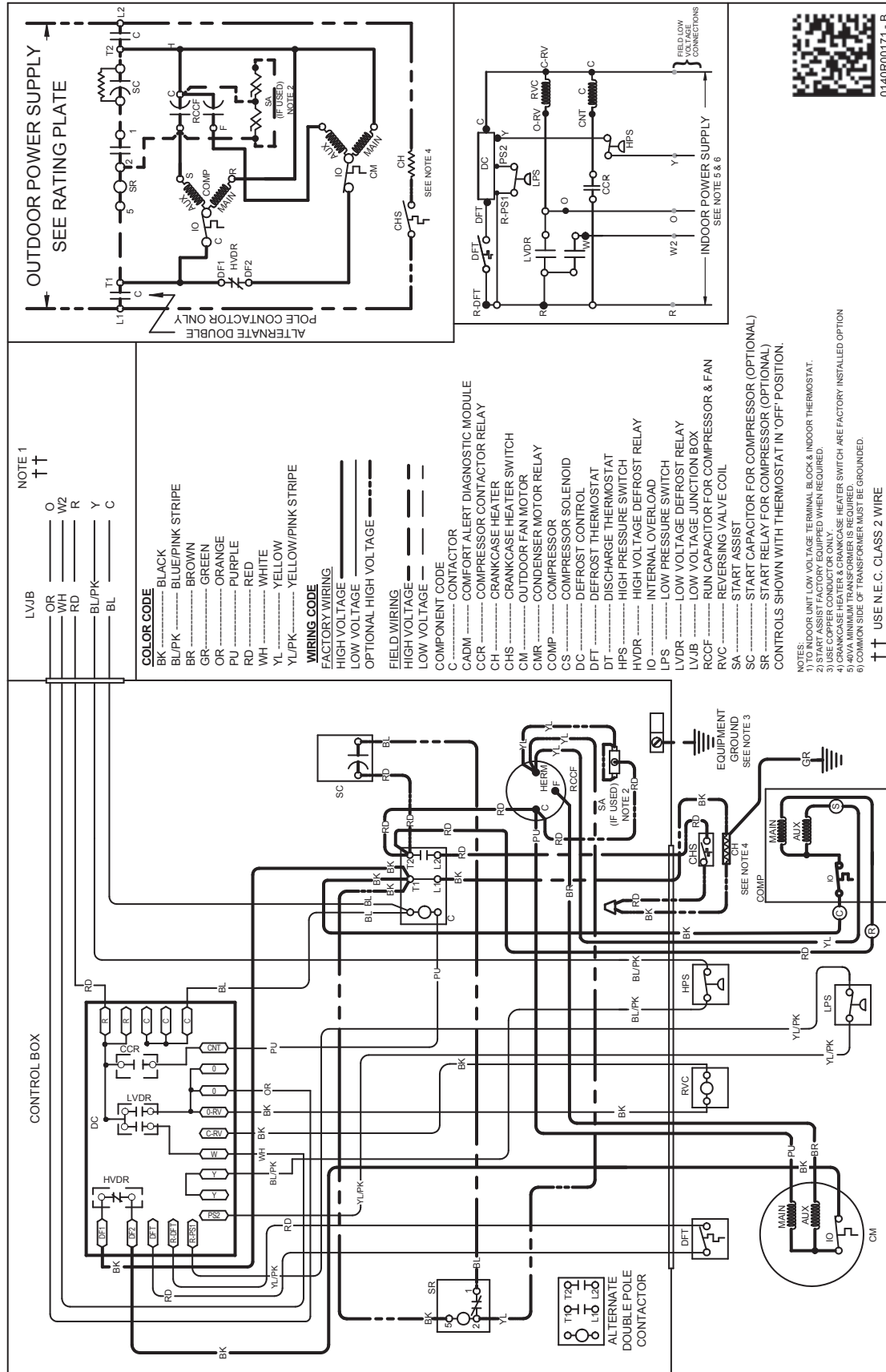
- Always check the S&R plate for electrical data on the unit being installed.
- When matching outdoor unit to indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Goodman Gas Furnace contains the EEP cooling time delay

DIMENSIONS



| MODEL      | DIMENSIONS |    |     |
|------------|------------|----|-----|
|            | W"         | D" | H"  |
| SSZ140191* | 29         | 29 | 34¼ |
| SSZ140251* | 29         | 29 | 38¼ |
| SSZ140351* | 29         | 29 | 38¼ |
| SSZ140371* | 29         | 29 | 38¼ |

# WIRING DIAGRAM



0140R00171 - B

## ACCESSORIES

| MODEL                 | DESCRIPTION                        | SSZ14<br>019 | SSZ14<br>025 | SSZ14<br>031 | SSZ14<br>037 |
|-----------------------|------------------------------------|--------------|--------------|--------------|--------------|
| ABK-20                | Anchor Bracket Kit *               | X            | X            | X            | X            |
| AFE18-60A             | All-fuel Kit                       | X            | X            | X            | X            |
| ASC-01                | Anti-Short Cycle Kit               | X            | X            | X            | X            |
| CSR-U-1               | Hard-start Kit                     | X            | X            | X            | X            |
| CSR-U-2               | Hard-start Kit                     |              |              |              | X            |
| CSR-U-3               | Hard-start Kit                     |              |              |              |              |
| FSK01A <sup>1</sup>   | Freeze Protection Kit              | X            | X            | X            | X            |
| LAKT01A               | Low-Ambient Kit                    | X            | X            | X            | X            |
| OT/EHR18-60           | Emergency Heat Relay kit           | X            | X            | X            | X            |
| OT18-60A <sup>2</sup> | Outdoor Thermostat w/ Lockout Stat | X            | X            | X            | X            |
| TX2N4 <sup>3</sup>    | TXV Kit                            | X            |              |              |              |
| TX2N4A <sup>3</sup>   | TXV Kit                            | X            | X            |              |              |
| TX3N4 <sup>3</sup>    | TXV Kit                            |              |              | X            | X            |
| TX5N4 <sup>3</sup>    | TXV Kit                            |              |              |              |              |

\* Contains 20 brackets; four brackets needed to anchor unit to pad

<sup>1</sup> Installed on indoor coil

<sup>2</sup> Required for heat pump applications where ambient temperatures fall below 0 °F with 50% or higher relative humidity.

<sup>3</sup> Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device. The TXV should always be sized based on the tonnage of the outdoor unit.