

PACKAGED ENERGY RECOVERY ROOFTOP UNIT SCHEDULE

| SYMBOL | SUPPLY FAN DATA | | | | EXHAUST FAN DATA | | | | MODEL | ENERGY RECOVERY DATA | | | | | | | | DX COOLING COIL | | | | | | | |
|--------|-----------------|--------|------|------|------------------|--------|------|------|--------|------------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|-----------------|--------------|----------------------|----------------------|----------------------|----------------------|--------------|--------------|
| | MAX. SUPPLY | E.S.P. | H.P. | RPM | EXHAUST | E.S.P. | H.P. | RPM | | DESIGN OA (MIN.) | EXHAUST CFM | DESIGN O.A. E.A.T. | | DESIGN EXH. E.A.T. | | L.A.T. AT DESIGN | | EADB (°F) | EAWB (°F) | COIL LADB (°F) | COIL LAWB (°F) | UNIT LADB (°F) | UNIT LAWB (°F) | TOTAL MBH | SENS. MBH |
| | | | | | | | | | | | | SUMMER D.B./W.B. | WINTER D.B. | SUMMER D.B./W.B. | WINTER D.B. | SUMMER D.B./W.B. | WINTER D.B. | | | | | | | | |
| ERU-3 | 4355 | 1.00" | 5 | 1243 | 4925 | 1.00" | 5 | 1723 | RN-016 | 4355 | 4925 | 93.0/75.0 | 6 | 74.0/61.7 | 72 | 78.4/66.3 | 55.8 | 78.4 | 66.3 | 51.0 | 50.9 | 53.0 | 51.8 | 192.2 | 128.1 |
| ERU-5 | 3675 | 0.91" | 5 | 2119 | 3675 | 0.88" | 3 | 1469 | RN-015 | 3675 | 3675 | 93.0/75.0 | 6 | 74.0/61.7 | 72 | 80.8/68.8 | 47.2 | 80.8 | 68.8 | 52.2 | 51.9 | 54.7 | 53.0 | 183.6 | 112.2 |
| ERU-10 | 3900 | 0.63" | 5 | 1704 | 3900 | 0.75" | 3 | 1476 | RN-015 | 3900 | 3900 | 93.0/75.0 | 6 | 74.0/61.7 | 72 | 81.5/69.1 | 44.9 | 81.5 | 69.1 | 52.8 | 52.6 | 55.0 | 53.6 | 192.6 | 119.6 |
| ERU-11 | 3600 | 0.78" | 5 | 2072 | 3600 | 0.56" | 2 | 1373 | RN-015 | 3600 | 3600 | 93.0/75.0 | 6 | 74.0/61.7 | 72 | 80.5/68.5 | 48.3 | 80.5 | 68.5 | 51.7 | 51.4 | 54.1 | 52.4 | 182.0 | 110.9 |
| ERU-12 | 3600 | 0.84" | 5 | 2084 | 3600 | 0.75" | 2 | 1424 | RN-015 | 3600 | 3600 | 93.0/75.0 | 6 | 74.0/61.7 | 72 | 80.5/68.6 | 48.1 | 80.5 | 68.6 | 51.7 | 51.4 | 54.2 | 52.5 | 182.2 | 110.8 |

PACKAGED ENERGY RECOVERY ROOFTOP UNIT SCHEDULE – CONTINUED

BASIS OF DESIGN:
AAON

| | | | HEATING COIL | | | | | | | | | | HOT GAS REHEAT | | | | UNIT WIRING | | | NOMINAL SIZE L" x W" x H" | MAXIMUM OPERATING WEIGHT | BRANCH PIPING SIZES HEATING | REMARKS | SYMBOL |
|------|---------------|-------|--------------|----------|-------|------|---------|----------|------|---------------|-------|------|----------------|------|------|------|-------------|-----|-----|------------------------------|--------------------------|--------------------------------|---------|--------|
| ROWS | FV (FT./MIN.) | APD | EAT (°F) | LAT (°F) | MBH | ROWS | EW (°F) | LWT (°F) | GPM | FV (FT./MIN.) | APD | WPD | CAPACITY MBH | RH % | LADB | LAWB | ELEC | MCA | MOP | | | | | |
| 6 | 219 | 0.19" | 55.8 | 84.0 | 137.3 | 2 | 150.0 | 120.2 | 9.4 | 599 | 0.21" | 0.5' | 97.8 | 47.3 | 72.0 | 59.3 | 460-3-60 | 51 | 60 | 185 x 101 x 60 | 4225 LBS. | 1-1/4" | | ERU-3 |
| 4 | 252 | 0.22" | 47.2 | 80.1 | 136.7 | 2 | 150.0 | 121.6 | 8.9 | 630 | 0.23" | 2.1' | 77.4 | 48.8 | 72.0 | 59.8 | 460-3-60 | 48 | 60 | 151 x 96 x 51 | 3000 LBS. | 1-1/4" | | ERU-5 |
| 6 | 267 | 0.28" | 44.9 | 83.7 | 172.1 | 2 | 150.0 | 120.0 | 11.7 | 669 | 0.29" | 3.0' | 79.8 | 50.3 | 72.0 | 60.2 | 460-3-60 | 48 | 60 | 151 x 96 x 51 | 3075 LBS. | 1-1/2" | | ERU-10 |
| 4 | 247 | 0.21" | 48.3 | 95.0 | 190.1 | 2 | 150.0 | 124.3 | 15.1 | 617 | 0.30" | 4.5' | 78.0 | 47.8 | 72.0 | 59.5 | 460-3-60 | 46 | 50 | 151 x 96 x 51 | 3025 LBS. | 1-1/2" | | ERU-11 |
| 4 | 247 | 0.21" | 48.1 | 95.0 | 190.7 | 2 | 150.0 | 124.4 | 15.2 | 617 | 0.30" | 4.5' | 77.8 | 47.9 | 72.0 | 59.5 | 460-3-60 | 46 | 50 | 151 x 96 x 51 | 3025 LBS. | 1-1/2" | | ERU-12 |

- NOTES: 1. MODEL NUMBERS ARE INDICATED FOR REFERENCE ONLY. THE DUTIES AND CAPACITIES ARE TO BE USED FOR FINAL UNIT SELECTION BY THE MANUFACTURER.
2. FURNISH EACH UNIT FACTORY PRE-WIRED FOR A SINGLE POINT POWER CONNECTION WITH A 120V GFI CONVENIENCE OUTLET AND NON-FUSED DISCONNECT SWITCH.
3. PROVIDE ALL UNITS WITH A FULLY INSULATED 24" HIGH EQUIPMENT CURB WITH SPRING ISOLATION RAILS WITH 2" STATIC DEFLECTION. ALL HYDRONIC PIPING MUST BE ROUTED UP WITHIN ROOF CURB AND THE UNIT'S INSULATED ENCLOSURE, NO EXPOSED EXTERIOR COIL PIPING WILL BE PERMITTED.
4. PROVIDE ALL UNITS WITH A VARIABLE FREQUENCY DRIVE WITH BYPASS ON EACH FAN.
5. PROVIDE AN AIR PURIFICATION SYSTEM IN EACH AIR HANDLER, PLASMA AIR 7000 SERIES.

NOTE: INFORMATION PROVIDED ON THIS SKETCH ONLY APPLIES TO ERU-3, 5, 10, 11 & 12, REFER TO ORIGINAL CONTRACT DOCUMENTS SHOWN ON DRAWING H-1 FOR REQUIRED PERFORMANCE DATA FOR ALL OTHER PACKAGED ENERGY RECOVERY ROOFTOP UNITS.

REVISED EQUIPMENT PERFORMANCE FOR ERU-3, 5, 10, 11 & 12

REFERENCE DRAWING: H-1