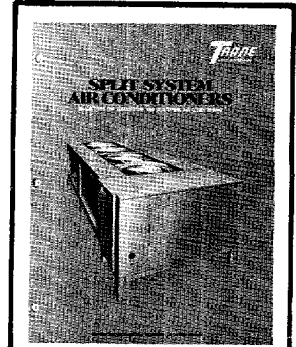




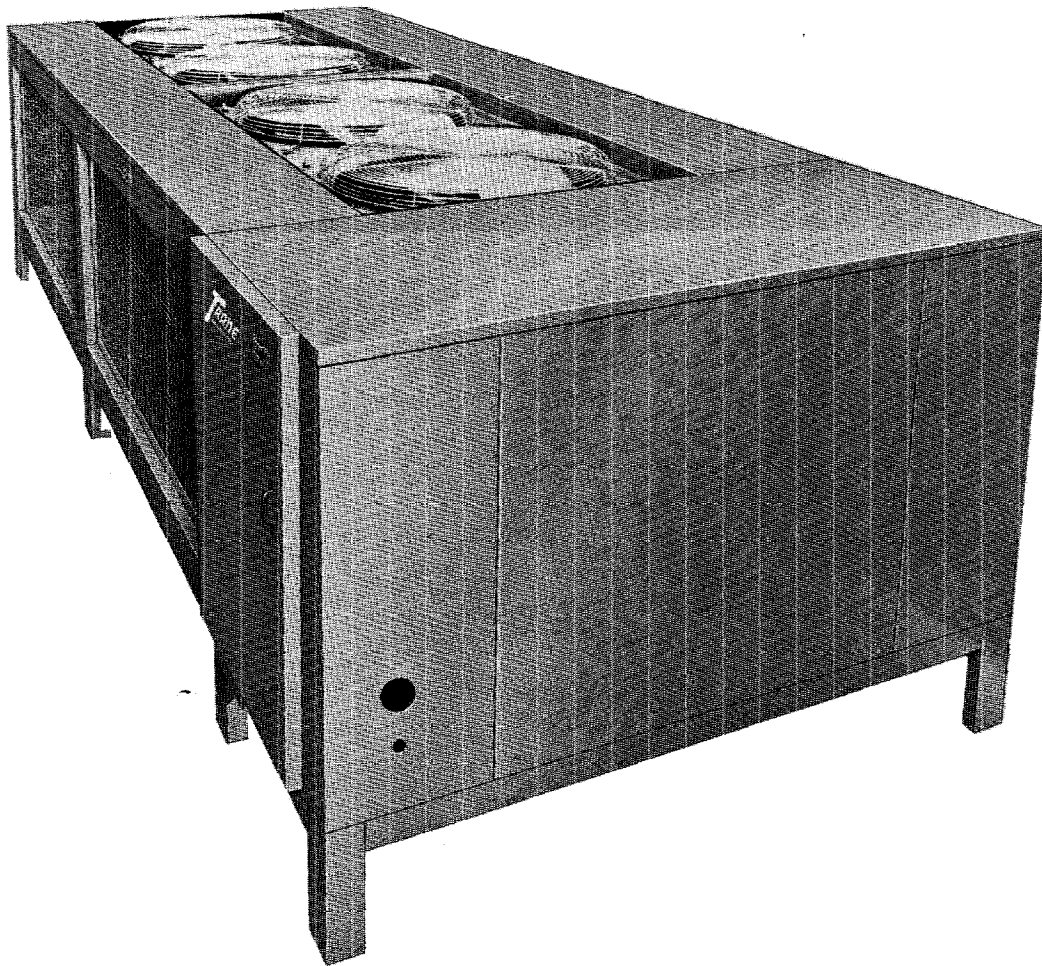
CATALOG SUPPLEMENT

SPLIT SYSTEM AIR CONDITIONERS

20-100 TONS FOR COMMERCIAL AND INDUSTRIAL AIR CONDITIONING



APPLIES TO CATALOG
DS-S/S1
OCTOBER, 1975
SUPPLEMENT DATE
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EXTENSION OF NET CAPACITY RATINGS
FOR RAUB WITH 115°F
OUTSIDE AIR TEMPERATURE ENTERING CONDENSER
(Tables 15-1, 16-1, 17-1, and 18-1 of catalog DS-S/S1)

PERFORMANCE DATA

TABLE 15-1 – Net Capacities – RAUA with BRCB

| CONDENSING UNIT AND FAN COIL UNIT COMBINATION | DB TEMP. ENTERING EVAP. | | WET BULB TEMPERATURE ENTERING EVAPORATOR | | | | |
|---|-------------------------------|-----|--|-----|-----|-----|-----|
| | | | 61 | 64 | 67 | 70 | 73 |
| | | | OUTSIDE AIR TEMPERATURE ENTERING CONDENSER | | | | |
| | | | 115 | 115 | 115 | 115 | 115 |
| RAUA 200 WITH BRCB 200 8,000 CFM | 75 | MBH | 183 | 191 | 202 | 212 | -- |
| | | SHR | .88 | .72 | .58 | .45 | -- |
| | 80 | MBH | 190 | 193 | 203 | -- | -- |
| | | SHR | 1.0 | .89 | .74 | -- | -- |
| | 85 | MBH | 201 | 201 | 205 | -- | -- |
| | | SHR | 1.0 | 1.0 | .90 | -- | -- |
| | 90 | MBH | -- | -- | -- | -- | -- |
| | | SHR | -- | -- | -- | -- | -- |
| RAUA 200 WITH BRCB 250 10,000 CFM | 75 | MBH | 194 | 204 | -- | -- | -- |
| | | SHR | .95 | .78 | -- | -- | -- |
| | 80 | MBH | 207 | -- | -- | -- | -- |
| | | SHR | 1.0 | -- | -- | -- | -- |
| | 85 | MBH | -- | -- | -- | -- | -- |
| | | SHR | -- | -- | -- | -- | -- |
| | 90 | MBH | -- | -- | -- | -- | -- |
| | | SHR | -- | -- | -- | -- | -- |
| RAUA 250 WITH BRCB 250 10,000 CFM | 75 | MBH | 236 | 247 | 262 | 274 | -- |
| | | SHR | .86 | .70 | .56 | .44 | -- |
| | 80 | MBH | 243 | 250 | 261 | 274 | -- |
| | | SHR | 1.0 | .88 | .72 | .59 | -- |
| | 85 | MBH | 258 | 258 | 263 | 275 | -- |
| | | SHR | 1.0 | 1.0 | .89 | .74 | -- |
| | 90 | MBH | 273 | 273 | 274 | 279 | -- |
| | | SHR | 1.0 | 1.0 | 1.0 | .89 | -- |
| RAUA 250 WITH BRCB 300 12,000 CFM | 75 | MBH | 249 | 261 | 273 | -- | -- |
| | | SHR | .92 | .75 | .60 | -- | -- |
| | 80 | MBH | 263 | 265 | 274 | -- | -- |
| | | SHR | 1.0 | .94 | .78 | -- | -- |
| | 85 | MBH | 278 | 279 | 282 | -- | -- |
| | | SHR | 1.0 | 1.0 | .95 | -- | -- |
| | 90 | MBH | -- | -- | -- | -- | -- |
| | | SHR | -- | -- | -- | -- | -- |
| RAUA 300 WITH BRCB 300 12,000 CFM | 75 | MBH | 286 | 301 | 316 | -- | -- |
| | | SHR | .86 | .70 | .57 | -- | -- |
| | 80 | MBH | 295 | 302 | 315 | -- | -- |
| | | SHR | .99 | .87 | .73 | -- | -- |
| | 85 | MBH | 312 | 311 | 319 | -- | -- |
| | | SHR | 1.0 | .99 | .88 | -- | -- |
| | 90 | MBH | -- | -- | -- | -- | -- |
| | | SHR | -- | -- | -- | -- | -- |
| RAUA 300 WITH BRCB 400 16,000 CFM | 75 | MBH | 310 | -- | -- | -- | -- |
| | | SHR | .95 | -- | -- | -- | -- |
| | 80 | MBH | -- | -- | -- | -- | -- |
| | | SHR | -- | -- | -- | -- | -- |
| | 85 | MBH | -- | -- | -- | -- | -- |
| | | SHR | -- | -- | -- | -- | -- |
| | 90 | MBH | -- | -- | -- | -- | -- |
| | | SHR | -- | -- | -- | -- | -- |
| RAUA 400 WITH BRCB 400 16,000 CFM | 75 | MBH | 354 | 373 | -- | -- | -- |
| | | SHR | .89 | .72 | -- | -- | -- |
| | 80 | MBH | 370 | 374 | -- | -- | -- |
| | | SHR | 1.0 | .91 | -- | -- | -- |
| | 85 | MBH | -- | -- | -- | -- | -- |
| | | SHR | -- | -- | -- | -- | -- |
| | 90 | MBH | -- | -- | -- | -- | -- |
| | | SHR | -- | -- | -- | -- | -- |
| RAUA 400 WITH BRCB 500 20,000 CFM | 75 | MBH | 382 | 398 | -- | -- | -- |
| | | SHR | .96 | .79 | -- | -- | -- |
| | 80 | MBH | 407 | 411 | -- | -- | -- |
| | | SHR | 1.0 | .77 | -- | -- | -- |
| | 85 | MBH | -- | -- | -- | -- | -- |
| | | SHR | -- | -- | -- | -- | -- |
| | 90 | MBH | -- | -- | -- | -- | -- |
| | | SHR | -- | -- | -- | -- | -- |
| RAUA 500 WITH BRCB 500 20,000 CFM | 75 | MBH | 469 | 492 | 519 | -- | -- |
| | | SHR | .87 | .71 | .57 | -- | -- |
| | 80 | MBH | 484 | 496 | 520 | -- | -- |
| | | SHR | 1.0 | .88 | .73 | -- | -- |
| | 85 | MBH | 513 | 512 | 526 | -- | -- |
| | | SHR | 1.0 | .99 | .89 | -- | -- |
| | 90 | MBH | 545 | 543 | 544 | -- | -- |
| | | SHR | 1.0 | 1.0 | .99 | -- | -- |

TABLE 16-1 – Net Capacities – RAUA with BRCB (Con't.)

| CONDENSING UNIT AND FAN COIL UNIT COMBINATION | DB TEMP. ENTERING EVAP. | | WET BULB TEMPERATURE ENTERING EVAPORATOR | | | | |
|---|---|-----|--|-----|-----|-----|-----|
| | | | 61 | 64 | 67 | 70 | 73 |
| | | | OUTSIDE AIR TEMPERATURE ENTERING CONDENSER | | | | |
| | | | 115 | 115 | 115 | 115 | 115 |
| RAUA 500 WITH (2) BRCB 300 24,000 CFM | 75 | MBH | 489 | 521 | -- | -- | -- |
| | | SHR | .92 | .75 | -- | -- | -- |
| | 80 | MBH | 525 | -- | -- | -- | -- |
| | | SHR | 1.0 | -- | -- | -- | -- |
| | | MBH | -- | -- | -- | -- | -- |
| 85 | SHR | -- | -- | -- | -- | -- | |
| | 90 | MBH | -- | -- | -- | -- | -- |
| 90 | SHR | -- | -- | -- | -- | -- | |
| | RAUA 600 WITH (2) BRCB 300 24,000 CFM | 75 | MBH | 569 | 594 | 627 | -- |
| SHR | | | .89 | .71 | .57 | -- | -- |
| 80 | | MBH | 586 | 600 | 625 | -- | -- |
| | | SHR | 1.0 | .88 | .73 | -- | -- |
| | | MBH | 620 | 618 | -- | -- | -- |
| 85 | SHR | 1.0 | 1.0 | -- | -- | -- | |
| | 90 | MBH | -- | -- | -- | -- | -- |
| 90 | SHR | -- | -- | -- | -- | -- | |
| | RAUA 600 WITH (2) BRCB 400 32,000 CFM | 75 | MBH | 614 | -- | -- | -- |
| SHR | | | .96 | -- | -- | -- | -- |
| 80 | | MBH | -- | -- | -- | -- | -- |
| | | SHR | -- | -- | -- | -- | -- |
| | | MBH | -- | -- | -- | -- | -- |
| 85 | SHR | -- | -- | -- | -- | -- | |
| | 90 | MBH | -- | -- | -- | -- | -- |
| 90 | SHR | -- | -- | -- | -- | -- | |
| | RAUA 400M WITH (2) BRCB 200 16,000 CFM | 75 | MBH | 367 | 384 | 406 | -- |
| SHR | | | .87 | .72 | .58 | -- | -- |
| 80 | | MBH | 381 | 388 | 406 | -- | -- |
| | | SHR | 1.0 | .89 | .74 | -- | -- |
| | | MBH | 403 | 403 | 411 | -- | -- |
| 85 | SHR | 1.0 | 1.0 | .90 | -- | -- | |
| | 90 | MBH | -- | -- | -- | -- | -- |
| 90 | SHR | -- | -- | -- | -- | -- | |
| | RAUA 400M WITH (2) BRCB 250 20,000 CFM | 75 | MBH | 395 | 409 | -- | -- |
| SHR | | | .94 | .77 | -- | -- | -- |
| 80 | | MBH | 416 | 415 | -- | -- | -- |
| | | SHR | 1.0 | .96 | -- | -- | -- |
| | | MBH | -- | -- | -- | -- | -- |
| 85 | SHR | -- | -- | -- | -- | -- | |
| | 90 | MBH | -- | -- | -- | -- | -- |
| 90 | SHR | -- | -- | -- | -- | -- | |
| | RAUA 500M WITH (2) BRCB 250 20,000 CFM | 75 | MBH | 475 | 499 | 526 | 550 |
| SHR | | | .86 | .70 | .56 | .44 | -- |
| 80 | | MBH | 488 | 500 | 524 | 550 | -- |
| | | SHR | 1.0 | .87 | .72 | .59 | -- |
| | | MBH | 518 | 518 | 530 | 553 | -- |
| 85 | SHR | 1.0 | 1.0 | .88 | .74 | -- | |
| | 90 | MBH | 548 | 548 | 549 | 559 | -- |
| 90 | SHR | 1.0 | 1.0 | 1.0 | .89 | -- | |
| | RAUA 500M WITH (2) BRCB 300 24,000 CFM | 75 | MBH | 501 | 524 | 549 | -- |
| SHR | | | .92 | .75 | .60 | -- | -- |
| 80 | | MBH | 528 | 532 | 551 | -- | -- |
| | | SHR | 1.0 | .93 | .78 | -- | -- |
| | | MBH | 559 | 560 | 564 | -- | -- |
| 85 | SHR | 1.0 | 1.0 | .94 | -- | -- | |
| | 90 | MBH | -- | -- | -- | -- | -- |
| 90 | SHR | -- | -- | -- | -- | -- | |
| | RAUA 600M WITH (2) BRCB 300 24,000 CFM | 75 | MBH | 575 | 600 | 634 | -- |
| SHR | | | .86 | .70 | .57 | -- | -- |
| 80 | | MBH | 592 | 607 | 632 | -- | -- |
| | | SHR | .99 | .87 | .72 | -- | -- |
| | | MBH | 626 | 626 | -- | -- | -- |
| 85 | SHR | 1.0 | .99 | -- | -- | -- | |
| | 90 | MBH | -- | -- | -- | -- | -- |
| 90 | SHR | -- | -- | -- | -- | -- | |
| | RAUA 600M WITH (2) BRCB 400 32,000 CFM | 75 | MBH | 622 | -- | -- | -- |
| SHR | | | .95 | -- | -- | -- | -- |
| 80 | | MBH | -- | -- | -- | -- | -- |
| | | SHR | -- | -- | -- | -- | -- |
| | | MBH | -- | -- | -- | -- | -- |
| 85 | SHR | -- | -- | -- | -- | -- | |
| | 90 | MBH | -- | -- | -- | -- | -- |
| 90 | SHR | -- | -- | -- | -- | -- | |

PERFORMANCE DATA

TABLE 17-1 – Net Capacities – RAUA with BRCB (Con't.)

| CONDENSING UNIT AND FAN COIL UNIT COMBINATION | DB TEMP. ENTERING EVAP. | | WET BULB TEMPERATURE ENTERING EVAPORATOR | | | | |
|---|-------------------------|-----|--|-----|-----|-----|-----|
| | | | 61 | 64 | 67 | 70 | 73 |
| | | | OUTSIDE AIR TEMPERATURE ENTERING CONDENSER | | | | |
| | | | 115 | 115 | 115 | 115 | 115 |
| RAUA 800 WITH (2) BRCB 400 32,000 CFM | 75 | MBH | 701 | 731 | -- | -- | -- |
| | | SHR | .90 | .73 | -- | -- | -- |
| | 80 | MBH | 731 | 743 | -- | -- | -- |
| | | SHR | 1.0 | .91 | -- | -- | -- |
| | 85 | MBH | -- | -- | -- | -- | -- |
| SHR | | -- | -- | -- | -- | -- | |
| RAUA 800 WITH (2) BRCB 500 40,000 CFM | 75 | MBH | 747 | -- | -- | -- | -- |
| | | SHR | .97 | -- | -- | -- | -- |
| | 80 | MBH | -- | -- | -- | -- | -- |
| | | SHR | -- | -- | -- | -- | -- |
| | 85 | MBH | -- | -- | -- | -- | -- |
| SHR | | -- | -- | -- | -- | -- | |
| RAUA 1000 WITH (2) BRCB 500 40,000 CFM | 75 | MBH | 919 | 956 | -- | -- | -- |
| | | SHR | .87 | .72 | -- | -- | -- |
| | 80 | MBH | 949 | 970 | -- | -- | -- |
| | | SHR | 1.0 | .89 | -- | -- | -- |
| | 85 | MBH | -- | -- | -- | -- | -- |
| SHR | | -- | -- | -- | -- | -- | |

TABLE 18-1 – Net Capacities – RAUA with EVP

| RAUA Condensing Unit With EVP Chiller Combination | Leaving Water Temp. (F) | 115 F | | RAUA Condensing Unit with EVP Chiller Combination | Leaving Water Temp (F) | 115 F | |
|---|-------------------------|-----------------|-----------|---|------------------------|-----------------|-----------|
| | | Capacity (Tons) | Water GPM | | | Capacity (Tons) | Water GPM |
| RAUA 200M | 42 | 14.9 | 35.7 | RAUA 400M | 42 | 29.7 | 71.3 |
| With EVP 312 | 45 | 15.7 | 37.5 | With EVP 358 | 45 | 31.3 | 75.0 |
| | 48 | 16.4 | 39.3 | | 48 | 33.6 | 80.7 |
| RAUA 200M | 42 | 15.3 | 36.6 | RAUA 400M | 42 | 30.5 | 73.1 |
| With EVP 313 | 45 | 16.1 | 38.5 | With EVP 359 | 45 | 32.1 | 76.9 |
| | 48 | 16.9 | 40.4 | | 48 | 32.8 | 78.6 |
| RAUA 250M | 42 | 18.5 | 44.4 | RAUA 500M | 42 | 37.1 | 88.9 |
| With EVP 313 | 45 | 19.5 | 46.6 | With EVP 359 | 45 | 38.9 | 93.3 |
| | 48 | 20.4 | 49.0 | | 48 | 40.8 | 97.9 |
| RAUA 250M | 42 | 18.9 | 45.3 | RAUA 500M | 42 | 37.8 | 90.7 |
| With EVP 314 | 45 | 19.7 | 47.6 | With EVP 360 | 45 | 40.0 | 95.8 |
| | 48 | 21.0 | 50.3 | | 48 | 41.9 | 100.5 |
| RAUA 300M | 42 | 22.5 | 54.0 | RAUA 600M | 42 | 45.3 | 108.7 |
| With EVP 314 | 45 | 23.6 | 56.7 | With EVP 360 | 45 | 47.6 | 114.2 |
| | 48 | 24.8 | 59.4 | | 48 | 49.9 | 119.6 |
| RAUA 300M | 42 | 23.3 | 55.7 | RAUA 600M | 42 | 46.8 | 112.3 |
| With EVP 353 | 45 | 24.4 | 58.6 | With EVP 356 | 45 | 49.2 | 118.1 |
| | 48 | 25.6 | 61.4 | | 48 | 51.6 | 123.7 |
| RAUA 400F | 42 | 27.9 | 66.8 | RAUA 800E | 42 | 54.2 | 130.1 |
| With EVP 353 | 45 | 29.3 | 70.2 | With EVP 356 | 45 | 57.5 | 137.9 |
| | 48 | 30.9 | 74.1 | | 48 | 60.2 | 144.8 |
| RAUA 400F | 42 | 28.5 | 68.4 | RAUA 800E | 42 | 55.8 | 133.8 |
| With EVP 354 | 45 | 30.1 | 72.1 | With EVP 357 | 45 | 58.8 | 141.0 |
| | 48 | -- | -- | | 48 | 61.2 | 146.7 |
| RAUA 500E | 42 | 36.8 | 88.3 | RAUA 1000E | 42 | 72.7 | 174.4 |
| With EVP 354 | 45 | 38.7 | 92.9 | With EVP 357 | 45 | 76.2 | 182.8 |
| | 48 | 40.7 | 97.7 | | 48 | 79.6 | 190.9 |
| RAUA 500E | 42 | 37.6 | 90.2 | RAUA 1000E | 42 | 74.1 | 177.7 |
| With EVP 355 | 45 | 39.6 | 95.0 | With EVP 385 | 45 | 77.6 | 186.2 |
| | 48 | 41.9 | 100.4 | | 48 | 81.0 | 194.2 |
| RAUA 600E | 42 | 45.4 | 108.8 | RAUA 1200R | 42 | 91.2 | 218.9 |
| With EVP 355 | 45 | 47.6 | 114.2 | With EVP 385 | 45 | 95.6 | 229.4 |
| | 48 | 49.7 | 119.3 | | 48 | 99.9 | 239.6 |
| RAUA 600E | 42 | 46.9 | 112.5 | | | | |
| With | 45 | 49.1 | 117.9 | | | | |
| EVP 356 | 48 | 51.2 | 122.9 | | | | |

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CS-S/S1 -- (176)