

HEATING CHARGING CHART FOR 8350 H/C HPPH (R-410-A)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------|----------------------------------|------|------|------|-------|------|------|------|------|-----|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|-----|
| W A T E R | C | 10 | 11.1 | 12.2 | 13.3 | -17.8 | 15.6 | 16.7 | 17.8 | 18.9 | 20 | 21.1 | 22.2 | 23.3 | 24.4 | 25.6 | 26.7 | 27.8 | 28.9 | 30 | 31.1 | 32.2 | 33.3 | 34.4 | 35.6 | 36.7 | 37.8 | 38.9 | 40 |
| | F | 50 | 52 | 54 | 56 | | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 | 82 | 84 | 86 | 88 | 90 | 92 | 94 | 96 | 98 | 100 | 102 | 104 |
| | | DISCHARGE PRESSURE (psig) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S U C T I O N P R E S S U R E (p s i g) | 170 | 264 | 278 | 292 | 307 | 321 | 335 | 339 | 343 | 355 | 357 | 363 | 368 | 373 | 378 | 383 | 388 | 397 | 407 | 416 | 426 | 435 | 443 | 452 | 460 | 468 | 476 | 480 | 483 |
| | 167.5 | 262 | 276 | 290 | 305 | 319 | 333 | 337 | 341 | 353 | 355 | 362 | 367 | 372 | 377 | 382 | 386 | 396 | 405 | 415 | 424 | 433 | 442 | 450 | 458 | 466 | 475 | 478 | 482 |
| | 165 | 260 | 274 | 289 | 303 | 317 | 331 | 335 | 339 | 351 | 353 | 360 | 365 | 370 | 375 | 380 | 384 | 394 | 403 | 413 | 422 | 432 | 440 | 448 | 456 | 465 | 473 | 476 | 480 |
| | 162.5 | 258 | 273 | 287 | 301 | 315 | 330 | 334 | 338 | 349 | 351 | 358 | 363 | 368 | 373 | 378 | 383 | 392 | 402 | 411 | 420 | 430 | 438 | 446 | 455 | 463 | 471 | 475 | 478 |
| | 160 | 257 | 271 | 285 | 299 | 314 | 328 | 332 | 336 | 348 | 349 | 356 | 361 | 366 | 371 | 376 | 381 | 390 | 400 | 409 | 419 | 428 | 436 | 445 | 453 | 461 | 469 | 473 | 476 |
| | 157.5 | 255 | 269 | 283 | 298 | 312 | 326 | 330 | 334 | 346 | 348 | 354 | 359 | 364 | 369 | 374 | 379 | 389 | 398 | 407 | 417 | 426 | 435 | 443 | 451 | 459 | 468 | 471 | 474 |
| | 155 | 253 | 267 | 282 | 296 | 310 | 324 | 328 | 332 | 344 | 346 | 353 | 358 | 363 | 368 | 373 | 377 | 387 | 396 | 406 | 415 | 424 | 433 | 441 | 449 | 458 | 466 | 469 | 473 |
| | 152.5 | 251 | 266 | 280 | 294 | 308 | 323 | 326 | 330 | 342 | 344 | 351 | 356 | 361 | 366 | 371 | 375 | 385 | 394 | 404 | 413 | 423 | 431 | 439 | 447 | 456 | 464 | 467 | 471 |
| | 150 | 250 | 264 | 278 | 292 | 307 | 321 | 325 | 329 | 341 | 342 | 349 | 354 | 359 | 364 | 369 | 374 | 383 | 393 | 402 | 411 | 421 | 429 | 437 | 446 | 454 | 462 | 466 | 469 |
| | 147.5 | 248 | 262 | 276 | 290 | 305 | 319 | 323 | 327 | 339 | 340 | 347 | 352 | 357 | 362 | 367 | 372 | 381 | 391 | 400 | 410 | 419 | 427 | 436 | 444 | 452 | 460 | 464 | 467 |
| | 145 | 246 | 260 | 274 | 289 | 303 | 317 | 321 | 325 | 337 | 339 | 346 | 351 | 356 | 361 | 366 | 370 | 380 | 389 | 398 | 408 | 417 | 426 | 434 | 442 | 450 | 459 | 462 | 466 |
| | 142.5 | 244 | 258 | 273 | 287 | 301 | 315 | 319 | 323 | 335 | 337 | 344 | 349 | 354 | 359 | 364 | 368 | 378 | 387 | 397 | 406 | 416 | 424 | 432 | 440 | 449 | 457 | 460 | 464 |
| | 140 | 242 | 257 | 271 | 285 | 299 | 314 | 318 | 322 | 333 | 335 | 342 | 347 | 352 | 357 | 362 | 367 | 376 | 385 | 395 | 404 | 414 | 422 | 430 | 439 | 447 | 455 | 459 | 462 |
| | 137.5 | 241 | 255 | 269 | 283 | 298 | 312 | 316 | 320 | 332 | 333 | 340 | 345 | 350 | 355 | 360 | 365 | 374 | 384 | 393 | 403 | 412 | 420 | 429 | 437 | 445 | 453 | 457 | 460 |
| | 135 | 239 | 253 | 267 | 282 | 296 | 310 | 314 | 318 | 330 | 332 | 338 | 343 | 348 | 353 | 358 | 363 | 372 | 382 | 391 | 401 | 410 | 419 | 427 | 435 | 443 | 452 | 455 | 458 |
| | 132.5 | 237 | 251 | 266 | 280 | 294 | 308 | 312 | 316 | 328 | 330 | 337 | 342 | 347 | 352 | 357 | 361 | 371 | 380 | 390 | 399 | 408 | 417 | 425 | 433 | 441 | 450 | 453 | 457 |
| | 130 | 235 | 250 | 264 | 278 | 292 | 307 | 310 | 314 | 326 | 328 | 335 | 340 | 345 | 350 | 355 | 359 | 369 | 378 | 388 | 397 | 407 | 415 | 423 | 431 | 440 | 448 | 451 | 455 |
| | 127.5 | 233 | 248 | 262 | 276 | 290 | 305 | 309 | 313 | 325 | 326 | 333 | 338 | 343 | 348 | 353 | 358 | 367 | 377 | 386 | 395 | 405 | 413 | 421 | 430 | 438 | 446 | 450 | 453 |
| | 125 | 232 | 246 | 260 | 274 | 289 | 303 | 307 | 311 | 323 | 324 | 331 | 336 | 341 | 346 | 351 | 356 | 365 | 375 | 384 | 394 | 403 | 411 | 420 | 428 | 436 | 444 | 448 | 451 |
| | 122.5 | 230 | 244 | 258 | 273 | 287 | 301 | 305 | 309 | 321 | 323 | 330 | 335 | 340 | 345 | 350 | 354 | 364 | 373 | 382 | 392 | 401 | 410 | 418 | 426 | 434 | 443 | 446 | 449 |
| 120 | 228 | 242 | 257 | 271 | 285 | 299 | 303 | 307 | 319 | 321 | 328 | 333 | 338 | 343 | 348 | 352 | 362 | 371 | 381 | 390 | 400 | 408 | 416 | 424 | 433 | 441 | 444 | 448 | |
| 117.5 | 226 | 241 | 255 | 269 | 283 | 298 | 302 | 306 | 317 | 319 | 326 | 331 | 336 | 341 | 346 | 351 | 360 | 369 | 379 | 388 | 398 | 406 | 414 | 423 | 431 | 439 | 442 | 446 | |
| 115 | 225 | 239 | 253 | 267 | 282 | 296 | 300 | 304 | 316 | 317 | 324 | 329 | 334 | 339 | 344 | 349 | 358 | 368 | 377 | 387 | 396 | 404 | 413 | 421 | 429 | 437 | 441 | 444 | |
| 112.5 | 223 | 237 | 251 | 266 | 280 | 294 | 298 | 302 | 314 | 316 | 322 | 327 | 332 | 337 | 342 | 347 | 356 | 366 | 375 | 385 | 394 | 402 | 411 | 419 | 427 | 435 | 439 | 442 | |
| 110 | 221 | 235 | 250 | 264 | 278 | 292 | 296 | 300 | 312 | 314 | 321 | 326 | 331 | 336 | 341 | 345 | 355 | 364 | 374 | 383 | 392 | 401 | 409 | 417 | 425 | 434 | 437 | 441 | |
| 107.5 | 219 | 233 | 248 | 262 | 276 | 290 | 294 | 298 | 310 | 312 | 319 | 324 | 329 | 334 | 339 | 343 | 353 | 362 | 372 | 381 | 391 | 399 | 407 | 415 | 424 | 432 | 435 | 439 | |
| 105 | 217 | 232 | 246 | 260 | 274 | 289 | 293 | 297 | 309 | 310 | 317 | 322 | 327 | 332 | 337 | 342 | 351 | 361 | 370 | 379 | 389 | 397 | 405 | 414 | 422 | 430 | 434 | 437 | |
| 102.5 | 216 | 230 | 244 | 258 | 273 | 287 | 291 | 295 | 307 | 308 | 315 | 320 | 325 | 330 | 335 | 340 | 349 | 359 | 368 | 378 | 387 | 395 | 404 | 412 | 420 | 428 | 432 | 435 | |
| 100 | 214 | 228 | 242 | 257 | 271 | 285 | 289 | 293 | 305 | 307 | 314 | 319 | 324 | 329 | 333 | 338 | 348 | 357 | 366 | 376 | 385 | 394 | 402 | 410 | 418 | 427 | 430 | 433 | |

TO USE CHARGING CHART- FIND SUCTION PRESSURE ON THE LEFT HAND SIDE COLUMN ,AND FIND THE WATER TEMPERATURE ON THE TOP ROW. USING THE THE SUCTION PRESSURE AND THE WATER TEMPERATURE, INTERSECT THE LINES TO THE DISCHARGE PRESSURE.