

| W A T E R | HEATING CHARGING CHART FOR 9350 HPPH R-410A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|-----|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|----|--|--|--|--|--|--|--|--|--|--|--|
| | C | 10 | 11.1 | 12.2 | 13.3 | 14.4 | 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 | 58 | 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 170 | 275 | 280 | 285 | 290 | 295 | 300 | 307 | 314 | 320 | 327 | 334 | 340 | 346 | 352 | 357 | 363 | 371 | 379 | 387 | 395 | 403 | 413 | 423 | 432 | 442 | 452 | 461 | 470 | | | | | | | | | | | | |
| 168.0 | 273 | 278 | 283 | 288 | 294 | 299 | 305 | 312 | 319 | 325 | 332 | 338 | 344 | 350 | 356 | 362 | 370 | 378 | 386 | 394 | 402 | 411 | 421 | 431 | 440 | 450 | 459 | 468 | | | | | | | | | | | | |
| 166 | 272 | 277 | 282 | 287 | 292 | 297 | 303 | 310 | 317 | 324 | 330 | 336 | 342 | 348 | 354 | 360 | 368 | 376 | 384 | 392 | 400 | 410 | 419 | 429 | 439 | 448 | 457 | 466 | | | | | | | | | | | | |
| 164.0 | 270 | 275 | 280 | 285 | 290 | 295 | 302 | 308 | 315 | 322 | 328 | 334 | 340 | 346 | 352 | 358 | 366 | 374 | 382 | 390 | 398 | 408 | 418 | 427 | 437 | 447 | 456 | 465 | | | | | | | | | | | | |
| 162 | 268 | 273 | 278 | 283 | 288 | 293 | 300 | 307 | 313 | 320 | 327 | 333 | 339 | 344 | 350 | 356 | 364 | 372 | 380 | 388 | 396 | 406 | 416 | 425 | 435 | 445 | 454 | 463 | | | | | | | | | | | | |
| 160.0 | 266 | 271 | 276 | 281 | 286 | 292 | 298 | 305 | 312 | 318 | 325 | 331 | 337 | 343 | 349 | 355 | 363 | 371 | 379 | 387 | 395 | 404 | 414 | 424 | 433 | 443 | 452 | 461 | | | | | | | | | | | | |
| 158 | 265 | 270 | 275 | 280 | 285 | 290 | 296 | 303 | 310 | 317 | 323 | 329 | 335 | 341 | 347 | 353 | 361 | 369 | 377 | 385 | 393 | 403 | 412 | 422 | 432 | 441 | 450 | 459 | | | | | | | | | | | | |
| 156.0 | 263 | 268 | 273 | 278 | 283 | 288 | 295 | 301 | 308 | 315 | 321 | 327 | 333 | 339 | 345 | 351 | 359 | 367 | 375 | 383 | 391 | 401 | 410 | 420 | 430 | 440 | 449 | 458 | | | | | | | | | | | | |
| 154 | 261 | 266 | 271 | 276 | 281 | 286 | 293 | 300 | 306 | 313 | 320 | 326 | 332 | 337 | 343 | 349 | 357 | 365 | 373 | 381 | 389 | 399 | 409 | 418 | 428 | 438 | 447 | 456 | | | | | | | | | | | | |
| 152.0 | 259 | 264 | 269 | 274 | 279 | 284 | 291 | 298 | 305 | 311 | 318 | 324 | 330 | 336 | 342 | 348 | 356 | 364 | 372 | 380 | 388 | 397 | 407 | 417 | 426 | 436 | 445 | 454 | | | | | | | | | | | | |
| 150 | 257 | 263 | 268 | 273 | 278 | 283 | 289 | 296 | 303 | 309 | 316 | 322 | 328 | 334 | 340 | 346 | 354 | 362 | 370 | 378 | 386 | 396 | 405 | 415 | 425 | 434 | 443 | 452 | | | | | | | | | | | | |
| 148.0 | 256 | 261 | 266 | 271 | 276 | 281 | 288 | 294 | 301 | 308 | 314 | 320 | 326 | 332 | 338 | 344 | 352 | 360 | 368 | 376 | 384 | 394 | 403 | 413 | 423 | 432 | 442 | 451 | | | | | | | | | | | | |
| 146 | 254 | 259 | 264 | 269 | 274 | 279 | 286 | 293 | 299 | 306 | 313 | 319 | 324 | 330 | 336 | 342 | 350 | 358 | 366 | 374 | 382 | 392 | 402 | 411 | 421 | 431 | 440 | 449 | | | | | | | | | | | | |
| 144.0 | 252 | 257 | 262 | 267 | 272 | 277 | 284 | 291 | 297 | 304 | 311 | 317 | 323 | 329 | 335 | 340 | 349 | 357 | 365 | 373 | 381 | 390 | 400 | 410 | 419 | 429 | 438 | 447 | | | | | | | | | | | | |
| 142 | 250 | 255 | 261 | 266 | 271 | 276 | 282 | 289 | 296 | 302 | 309 | 315 | 321 | 327 | 333 | 339 | 347 | 355 | 363 | 371 | 379 | 388 | 398 | 408 | 418 | 427 | 436 | 445 | | | | | | | | | | | | |
| 140.0 | 249 | 254 | 259 | 264 | 269 | 274 | 281 | 287 | 294 | 301 | 307 | 313 | 319 | 325 | 331 | 337 | 345 | 353 | 361 | 369 | 377 | 387 | 396 | 406 | 416 | 425 | 435 | 444 | | | | | | | | | | | | |
| 138 | 247 | 252 | 257 | 262 | 267 | 272 | 279 | 286 | 292 | 299 | 306 | 312 | 317 | 323 | 329 | 335 | 343 | 351 | 359 | 367 | 375 | 385 | 395 | 404 | 414 | 424 | 433 | 442 | | | | | | | | | | | | |
| 136.0 | 245 | 250 | 255 | 260 | 265 | 270 | 277 | 284 | 290 | 297 | 304 | 310 | 316 | 322 | 328 | 333 | 341 | 349 | 357 | 366 | 374 | 383 | 393 | 403 | 412 | 422 | 431 | 440 | | | | | | | | | | | | |
| 134 | 243 | 248 | 253 | 259 | 264 | 269 | 275 | 282 | 289 | 295 | 302 | 308 | 314 | 320 | 326 | 332 | 340 | 348 | 356 | 364 | 372 | 381 | 391 | 401 | 410 | 420 | 429 | 438 | | | | | | | | | | | | |
| 132.0 | 242 | 247 | 252 | 257 | 262 | 267 | 274 | 280 | 287 | 294 | 300 | 306 | 312 | 318 | 324 | 330 | 338 | 346 | 354 | 362 | 370 | 380 | 389 | 399 | 409 | 418 | 427 | 437 | | | | | | | | | | | | |
| 130 | 240 | 245 | 250 | 255 | 260 | 265 | 272 | 278 | 285 | 292 | 299 | 304 | 310 | 316 | 322 | 328 | 336 | 344 | 352 | 360 | 368 | 378 | 388 | 397 | 407 | 417 | 426 | 435 | | | | | | | | | | | | |
| 128.0 | 238 | 243 | 248 | 253 | 258 | 263 | 270 | 277 | 283 | 290 | 297 | 303 | 309 | 315 | 320 | 326 | 334 | 342 | 350 | 358 | 366 | 376 | 386 | 396 | 405 | 415 | 424 | 433 | | | | | | | | | | | | |
| 126 | 236 | 241 | 246 | 251 | 257 | 262 | 268 | 275 | 282 | 288 | 295 | 301 | 307 | 313 | 319 | 325 | 333 | 341 | 349 | 357 | 365 | 374 | 384 | 394 | 403 | 413 | 422 | 431 | | | | | | | | | | | | |
| 124.0 | 235 | 240 | 245 | 250 | 255 | 260 | 267 | 273 | 280 | 287 | 293 | 299 | 305 | 311 | 317 | 323 | 331 | 339 | 347 | 355 | 363 | 373 | 382 | 392 | 402 | 411 | 420 | 429 | | | | | | | | | | | | |
| 122 | 233 | 238 | 243 | 248 | 253 | 258 | 265 | 271 | 278 | 285 | 291 | 297 | 303 | 309 | 315 | 321 | 329 | 337 | 345 | 353 | 361 | 371 | 381 | 390 | 400 | 410 | 419 | 428 | | | | | | | | | | | | |
| 120.0 | 231 | 236 | 241 | 246 | 251 | 256 | 263 | 270 | 276 | 283 | 290 | 296 | 302 | 308 | 313 | 319 | 327 | 335 | 343 | 351 | 359 | 369 | 379 | 388 | 398 | 408 | 417 | 426 | | | | | | | | | | | | |
| 118 | 229 | 234 | 239 | 244 | 249 | 255 | 261 | 268 | 275 | 281 | 288 | 294 | 300 | 306 | 312 | 318 | 326 | 334 | 342 | 350 | 358 | 367 | 377 | 387 | 396 | 406 | 415 | 424 | | | | | | | | | | | | |
| 116.0 | 228 | 233 | 238 | 243 | 248 | 253 | 259 | 266 | 273 | 280 | 286 | 292 | 298 | 304 | 310 | 316 | 324 | 332 | 340 | 348 | 356 | 366 | 375 | 385 | 395 | 404 | 413 | 422 | | | | | | | | | | | | |
| 114 | 226 | 231 | 236 | 241 | 246 | 251 | 258 | 264 | 271 | 278 | 284 | 290 | 296 | 302 | 308 | 314 | 322 | 330 | 338 | 346 | 354 | 364 | 374 | 383 | 393 | 403 | 412 | 421 | | | | | | | | | | | | |
| 112 | 224 | 229 | 234 | 239 | 244 | 249 | 256 | 263 | 269 | 276 | 283 | 289 | 295 | 300 | 306 | 312 | 320 | 328 | 336 | 344 | 352 | 362 | 372 | 381 | 391 | 401 | 410 | 419 | | | | | | | | | | | | |
| 110 | 222 | 227 | 232 | 237 | 242 | 247 | 254 | 261 | 268 | 274 | 281 | 287 | 293 | 299 | 305 | 311 | 319 | 327 | 335 | 343 | 351 | 360 | 370 | 380 | 389 | 399 | 408 | 417 | | | | | | | | | | | | |
| 108 | 221 | 226 | 231 | 236 | 241 | 246 | 252 | 259 | 266 | 272 | 279 | 285 | 291 | 297 | 303 | 309 | 317 | 325 | 333 | 341 | 349 | 359 | 368 | 378 | 388 | 397 | 406 | 415 | | | | | | | | | | | | |
| 106 | 219 | 224 | 229 | 234 | 239 | 244 | 251 | 257 | 264 | 271 | 277 | 283 | 289 | 295 | 301 | 307 | 315 | 323 | 331 | 339 | 347 | 357 | 366 | 376 | 386 | 396 | 405 | 414 | | | | | | | | | | | | |
| 104 | 217 | 222 | 227 | 232 | 237 | 242 | 249 | 256 | 262 | 269 | 276 | 282 | 287 | 293 | 299 | 305 | 313 | 321 | 329 | 337 | 345 | 355 | 365 | 374 | 384 | 394 | 403 | 412 | | | | | | | | | | | | |
| 102 | 215 | 220 | 225 | 230 | 235 | 240 | 247 | 254 | 261 | 267 | 274 | 280 | 286 | 292 | 298 | 304 | 312 | 320 | 328 | 336 | 344 | 353 | 363 | 373 | 382 | 392 | 401 | 410 | | | | | | | | | | | | |
| 100 | 213 | 219 | 224 | 229 | 234 | 239 | 245 | 252 | 259 | 265 | 272 | 278 | 284 | 290 | 296 | 302 | 310 | 318 | 326 | 334 | 342 | 351 | 361 | 371 | 381 | 390 | 399 | 408 | | | | | | | | | | | | |
| 98 | 212 | 217 | 222 | 227 | 232 | 237 | 244 | 250 | 257 | 264 | 270 | 276 | 282 | 288 | 294 | 300 | 308 | 316 | 324 | 332 | 340 | 350 | 359 | 369 | 379 | 388 | 398 | 407 | | | | | | | | | | | | |

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

NOTE: CHARGING CHART BASED ON WATER FLOW RATE OF 59.85 GPM IN ACCORDANCE WITH AHRI 1160.