



CRYOGENIC LIQUID CYLINDER

Easier To Handle; Easier To Diagnose, and tested for ultimate safety.

Designed to simplify use and lower total costs.

Reduce Refurb Costs

Industry's first liquid cylinder vacuum sensor and optional digital reader take the guess work out of diagnosing repairs and reduces unnecessary refurbishment costs.



Get a better grip

Designed to work the way you really want to work. New head-ring design makes handling and accessing valves easier, even with gloves on. Plus, a new tamper-proof cap protects the pressure-builder from unnecessary adjustments.



Reduce Service Calls

Know when the cylinder is empty with highly reliable, proprietary digital & mechanical liquid level gauges.



Customize

Optional customized name plate services are available. Prominently display your company logo, contact info and any other information with your customers.



Specifications

| MODEL | 180** | 200 | 200 VHP | 230** | 265 | 265 VHP |
|---------------------------------|------------|------------|------------|------------|------------|------------|
| Capacity Net (L) | 180 | 200 | 200 | 230 | 265 | 265 |
| Capacity Gross (L) | 193 | 209 | 204 | 241 | 278 | 278 |
| Water Capacity (lb) | 426 | 461 | 450 | 532 | 614 | 606 |
| Relief Valve Setting (psig) | | | | | | |
| LP DOT 4L292 / TC 4LM 20 | 22 | 22 | — | 22 | 22 | — |
| MP DOT 4L292 / TC 4LM 20 | 230 | 230 | — | 230 | 230 | — |
| HP DOT 4L292 / TC 4LM 20 | 350 | 350 | — | 350 | 350 | — |
| VHP DOT 4L412 / TC 4LM 28 | — | — | 500 | — | — | 500 |
| Diameter (in cm) | 20 50.8 | 20 50.8 | 20 50.8 | 26 66 | 26 66 | 26 66 |
| Height (in cm) | | | | | | |
| LP | 65.3 166 | 69.3 176 | — | 52.8 134 | 58 147.3 | — |
| MP | 65.3 166 | 69.3 176 | — | 52.8 134 | 58 147.3 | — |
| HP | 65.3 166 | 69.3 176 | — | 52.8 134 | 58 147.3 | — |
| VHP | — | — | 69.3 176 | — | — | 58 147.3 |
| Tare Weight (lb kg) | | | | | | |
| LP | 295 132 | 309 140 | — | 365 166 | 385 175 | — |
| MP | 295 132 | 309 140 | — | 365 166 | 385 175 | — |
| HP | 295 132 | 309 140 | — | 365 166 | 385 175 | — |
| VHP | — | — | 375 170 | — | — | 461 205 |
| N2 - Liquid Capacity (lb kg) | | | | | | |
| LP | 306 139 | 332 151 | — | 383 174 | 441 200 | — |
| MP | 294 133 | 318 144 | — | 367 166 | 423 192 | — |
| HP | 277 126 | 299 136 | — | 345 156 | 398 180 | — |
| VHP | — | — | 261 118 | — | — | 358 160 |
| O2 - Liquid Capacity (lb kg) | | | | | | |
| LP | 438 199 | 475 215 | — | 547 248 | 631 286 | — |
| MP | 417 189 | 452 205 | — | 521 236 | 601 273 | — |
| HP | 396 180 | 429 195 | — | 494 224 | 570 259 | — |
| VHP | — | — | 396 180 | — | — | 539 240 |
| Ar - Liquid Capacity (lb kg) | | | | | | |
| LP | 540 245 | 585 265 | — | 675 306 | 778 353 | — |
| MP | 506 230 | 548 248 | — | 632 287 | 729 331 | — |
| HP | 481 218 | 521 236 | — | 600 272 | 693 314 | — |
| VHP | — | — | 481 218 | — | — | 657 293 |
| CO2 - Liquid Capacity (lb kg) | | | | | | |
| LP | — | — | — | — | — | — |
| MP | 440 200 | 480 217 | — | 554 251 | 639 289 | — |
| HP | 422 191 | 457 207 | — | 527 239 | 608 276 | — |
| VHP | — | — | 415 188 | — | — | 629 280 |

Performance

| Liquid | NER % Per Day* | Gas Flow | Calculate SCF |
|----------------|----------------|----------|--------------------------------|
| Nitrogen | 2.0 | 400 ScFH | Liquid capacity x 12.81 |
| Oxygen | 1.3 | 400 ScFH | Liquid capacity x 11.21 |
| Argon | 1.4 | 400 ScFH | Liquid capacity x 8.98 |
| Carbon Dioxide | 1.5 | 110 ScFH | Liquid capacity x 8.1 |

Specifications are subject to change without notice.

* For full range of NER percentages and proper NER testing methods, please refer to our "Instructions for Use" (IFU) manual.

**Model 180 and 230 are also available for European markets.

Options for improving safety and mobility.

Center-point lift lug



Bumper guard



Mobile base



Available for 230L & 265L models only



MADE IN USA