

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	275
Water Capacity (lbs [kg])	426 [193.2]	461 [193.2]	450 [204.1]	532 [241.3]	614 [278.5]	606 [274.9]
Relief Settings (psig [barg]) †						
LP DOT-4L292 / TC-4LM20	22 [1.5]	22 [1.5]	—	22 [1.5]	22 [1.5]	—
MP DOT-4L292 / TC-4LM20	230 [15.9]	230 [15.9]	—	230 [15.9]	230 [15.9]	—
HP DOT-4L292 / TC-4LM20	350 [24.1]	350 [24.1]	—	350 [24.1]	350 [24.1]	—
VHP DOT-4L292 / TC-4LM20	—	—	500 [34.5]	—	—	500 [34.5]
Dimensions (in [mm])						
Diameter	20.0 [508]	20.0 [508]	20.0 [508]	26.0 [660.4]	26.0 [660.4]	26.0 [660.4]
Height	66.4 [1687]	70.1 [1781]	70.1 [1781]	53.3 [1355]	58.5 [1485]	58.5 [1485]
Height on Square Base	74.1 [1882]	77.8 [1976]	77.8 [1976]	61.0 [1550]	66.1 [1680]	66.1 [1680]
Height on Round Base	—	—	—	61.0 [1549]	66.1 [1679]	66.1 [1679]
Tare Weights (lbs [kg])						
LP/MP/HP	295 [133.8]	309 [140.2]	—	365 [165.6]	385 [174.6]	—
LP/MP/HP on Square Base	347 [157.4]	361 [163.7]	—	421 [191.0]	441 [200.0]	—
LP/MP/HP on Round Base	—	—	—	424 [192.3]	444 [201.4]	—
VHP	—	—	375 [170.1]	—	—	461 [209.1]
VHP on Square Base	—	—	427 [193.7]	—	—	517 [234.5]
VHP on Round Base	—	—	—	—	—	520 [235.9]
N ₂ Product Weights (lbs [kg])						
LP	324 [146.9]	350 [158.9]	—	404 [183.4]	467 [211.7]	—
MP	294 [133.3]	318 [144.3]	—	367 [166.5]	424 [192.2]	—
HP	277 [125.6]	300 [135.9]	—	346 [156.9]	399 [181.0]	—
VHP	—	—	261 [118.4]	—	—	351 [159.4]
O ₂ Product Weights (lbs [kg])						
LP	460 [208.7]	498 [225.8]	—	575 [260.6]	663 [300.8]	—
MP	417 [189.4]	452 [204.9]	—	521 [236.5]	602 [272.9]	—
HP	396 [179.7]	429 [194.5]	—	495 [224.4]	571 [259.0]	—
VHP	—	—	396 [179.6]	—	—	533 [241.9]
Ar Product Weights (lbs [kg])						
LP	567 [257.0]	613 [278.1]	—	708 [320.9]	817 [370.4]	—
MP	507 [229.9]	549 [248.8]	—	633 [287.2]	731 [331.4]	—
HP	481 [218.4]	521 [236.3]	—	601 [272.7]	694 [314.7]	—
VHP	—	—	482 [218.4]	—	—	648 [294.1]
CO ₂ Product Weights (lbs [kg])						
LP	—	—	—	—	—	—
MP	443 [201.0]	479 [217.5]	—	553 [251.0]	639 [289.6]	—
HP	426 [193.2]	461 [209.1]	—	532 [241.3]	614 [278.5]	—
VHP	—	—	414 [187.8]	—	—	558 [252.9]
Construction Standards						
LP	DOT-4L292 TC-4LM20 EN1251	DOT-4L292 TC-4LM20	—	DOT-4L292 TC-4LM20 EN1251	DOT-4L292 TC-4LM20	—
MP	DOT-4L292 TC-4LM20 EN1251	DOT-4L292 TC-4LM20	—	DOT-4L292 TC-4LM20 EN1251	DOT-4L292 TC-4LM20	—
HP	DOT-4L292 TC-4LM20	DOT-4L292 TC-4LM20	—	DOT-4L292 TC-4LM20	DOT-4L292 TC-4LM20	—
VHP	—	—	DOT-4L412 TC-4LM-28	—	—	DOT-4L412

† Relief devices sized per DOT 4L for US DOT certified cylinders, TC 4LM for Transport Canada certified cylinders, and EN 1251 for EN certified cylinders.

Performance

Liquid Product	NER (% per day)*	Gas Flow (SCFH [SCMH])	Calculate SCF
Nitrogen	2.0	400 [11.3]	Liquid Capacity in pounds x 12.81
Oxygen	1.3	400 [11.3]	Liquid Capacity in pounds x 11.21
Argon	1.4	400 [11.3]	Liquid Capacity in pounds x 8.98
Carbon Dioxide	1.5	110 [3.1]	Liquid Capacity in pounds 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.

Options for improving safety and mobility.

Center-point lift lug



Bumper guard



Mobile base



Round mobile base



Available for 230L & 265L models only



Worthington cryogenic liquid cylinders are made in Westerville, OH, USA.

Worthington is the leading global supplier of pressure cylinders and related products, offering the most complete line of pressure cylinders in the industry including storage of LPG, refrigerant, oxygen and industrial gases. Worthington offers superior customer service, quality and value to its customers in global retail, industrial, energy and alternative fuels markets.