

SPECIALTY GAS CYLINDERS



SPECIALTY GAS CYLINDER SIZE COMPARISON						Average	
Approx. Inches	Airgas	Linde	Air Liquide	Praxair	MATHESON	Internal Volume	
Carbon Steel						F ³	(L)
9 X 55	300	49	49	T	1L	1.76	(49.8)
9 X 51	200	44	44	K	1A	1.55	(43.9)
Aluminum							
10 X 52	300A		AT	AS	1R	1.64	(46.4)
8 X 48	150A	A31	30AL	AQ	2R	1.04	(29.5)
7 X 33	80A	A16	22AL	AG	3R	0.56	(15.8)
SPECIALTY GAS CYLINDER DIMENSIONS						Average	
Cylinders	Size in.	Size cm.	DOT	Tare Wt. LB.	Tare Wt. KG.	Internal Volume	
Carbon Steel	9 X 55	23 X 140	3AA2400	137	62	1.76	(49.8)
	9 X 51	23 X 130	3AA2265	119	54	1.55	(43.9)
Y Cylinders	24 X 90	61 X 229	3A1800	1,108	503	15.83	(448)
Aluminum	10 X 55	25 X 132	3AL2216	90	41	1.64	(46.4)
	8 X 48	20 X 122	3AL2015	48	22	1.04	(29.5)
	7 X 33	18 X 84	3AL2216	32	15	0.56	(15.8)



LOW PRESSURE SPECIALTY GAS CYLINDER SPECIFICATIONS (SIZE)							
Model /Size/ (lbs)	LP-20	LP-27	LP-63	LP-100	LP-105	LP-420	LP-435
HEIGHT (IN)	17.8	32.9	44.1	48	48	52	52
HIGHT (MM)	452	836	1,120	1,219	1,219	1,321	1,321
WATER CAPACITY (LBS)	47.6	61	143	239	239	1,000	1,000
WATER CAPACITY (KG)	21.6	27.7	64.8	108.4	108.4	454	454
NOMINAL TARE WEIGHT (LBS)	16.6	25.9	48.1	68	74.8	271	298
NOMINAL TARE WEIGHT (KG)	7.5	11.7	21.8	30.9	33.9	122.9	135
CYLINDER DIAMETER (IN)	12.3	9.1	12	14.7	14.7	30	30
CYLINDER DIAMETER (MM)	312	231	305	373	373	762	762
CYLINDER VOLUME (CU.IN)	1,318	1,688	3,955	6,616	6,616	27,680	27,731
CYLINDER VOLUME (LITER)	21.6	27.7	64.8	108.4	108.4	454	454
STANDARD SPECIFICATION	DOT-4BA-240	DOT-4BW-260	DOT-4BW-260	DOT-4BW-240	DOT-4BW-260	DOT-4BW-240	DOT-4BW-260