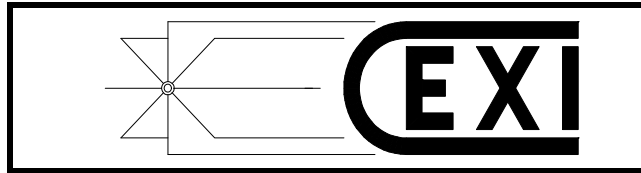


CRYOGENIC EXPERTS, INC.

World Wide Web <http://www.cexi.com> E-mail sales@cexi.com

Toll Free 1-800-FOR CEXI (800-367-2394)

Phone (805) 981-4500



List Prices - Effective December 1, 2018

Note: The units listed below are generally available in 4 to 10 weeks depending on the size and complexity of the unit. The units may be delivered sooner if the customer is willing to pay expedite fees to cover over time required to deliver the unit sooner.

Model	SCFH 8hrs	Extrusions	Length	P/T	MF*
A2A	1000	2	7	1,113	1588
A4A	2000	4	7	1,857	2333
A6A	3000	6	7	2,265	2739
A8A	4000	8	7	2,717	3192
A10A	5000	10	7	3,416	3891
A12A	6000	12	7	4,069	4544
A16A	8000	16	7	5,528	6003
A20A	10000	20	7	6,987	7461
A24A	12000	24	7	7,983	8460
A30A	15000	30	7	9,788	10263
A36A	18000	36	7	12,015	12490
A42A	21000	42	7	14,165	14639
A48A	24000	48	7	15,968	16443
A56A	28000	56	7	18,885	19360
A64A	32000	64	7	21,803	22278
A72A	36000	72	7	24,719	25194
A81A	40000	81	7	28,425	28899
A90A	45000	90	7	30,592	31068
A100A	50000	100	7	34,163	34637

***MF = Mueller Flange (mates, gaskets, and bolts supplied)**

P/T = male pipe thread connections

Hydrogen = 1.5 x the listed capacity (1000 scfh = 1500 scfh)

Helium = 2x the listed capacity

Model	SCFH 8hrs	Extrusions	Length	P/T	MF*
A2A-10	1428	2	10	1,262	1737
A4A-10	2856	4	10	2,155	2628
A6A-10	4284	6	10	2,709	3184
A8A-10	5712	8	10	3,310	3784
A10A-10	7140	10	10	4,156	4631
A12A-10	8568	12	10	4,957	5432
A16A-10	11424	16	10	6,712	7186
A20A-10	14280	20	10	8,467	8942
A24A-10	17136	24	10	9,761	10235
A30A-10	21420	30	10	12,009	12483
A36A-10	25704	36	10	14,678	15154
A42A-10	29988	42	10	17,273	17747
A48A-10	34272	48	10	19,521	19995
A56A-10	39984	56	10	23,030	23504
A64A-10	45696	64	10	26,540	27014
A72A-10	51408	72	10	30,049	30524
A81A-10	57834	81	10	34,418	34895
A90A-10	64260	90	10	37,253	37728
A100A-10	71400	100	10	41,564	42039

Model	SCFH 8hrs	Extrusions	Length	P/T	MF*
A2ALB	500	2	3.5	1,012	1487
A4ALB	1000	4	3.5	1,757	2232
A6ALB	1500	6	3.5	2,164	2639
A8ALB	2000	8	3.5	2,617	3091
A10ALB	2500	10	3.5	3,315	3791
A12ALB	3000	12	3.5	3,968	4444
A16ALB	4000	16	3.5	5,427	5902

Hose Kit Nitrogen 651
Hose Kit Oxygen 651

Model	SCFH 8hrs	Extrusions	Length	P/T	MF*
A2ALB-5	700	2	5	1,056	1531
A4ALB-5	1400	4	5	1,800	2275
A6ALB-5	2100	6	5	2,208	2682
A8ALB-5	2800	8	5	2,660	3134
A10ALB-5	3500	10	5	3,358	3834
A12ALB-5	4200	12	5	4,011	4487
A16ALB-5	5700	16	5	5,471	5945

Model	SCFH 24hrs	Extrusions	Length	P/T	MF*
A2AEG	1000	2	10	1,876	2351
A4AEG	2000	4	10	2,792	3267
A6AEG	3000	6	10	3,377	3852
A8AEG	4000	8	10	4,086	4560
A10AEG	5000	10	10	4,736	5210
A12AEG	6000	12	10	5,725	6200
A16AEG	8000	16	10	7,632	8108
A20AEG	10000	20	10	9,540	10017
A24AEG	12000	24	10	11,296	11771
A30AEG	15000	30	10	13,928	14403
A36AEG	18000	36	10	16,561	17035
A42AEG	21000	42	10	19,192	19668

Model	SCFH 24hrs	Extrusions	Length	P/T	MF*
A10AEG-20	10000	10	20	8,467	8942
A12AEG-20	12000	12	20	10,298	10773
A16AEG-20	16000	16	20	13,730	14204
A20AEG-20	20000	20	20	17,163	17638
A24AEG-20	24000	24	20	20,596	21070
A30AEG-20	30000	30	20	25,744	26219
A36AEG-20	36000	36	20	30,894	31369
A42AEG-20	42000	42	20	36,042	36517

Model	SCFH 8hrs	Extrusions	Length	P/T
A2SS	1000	2	7	1,192
A4SS	2000	4	7	2,013
A6SS	3000	6	7	2,498
A8SS	4000	8	7	3,029
A10SS	5000	10	7	3,805
A12SS	6000	12	7	4,536
A16SS	8000	16	7	6,150
A20SS	10000	20	7	7,764
A24SS	12000	24	7	8,918
A30SS	15000	30	7	10,955
A36SS	18000	36	7	13,414
A42SS	21000	42	7	15,798
A48SS	24000	48	7	17,834
A56SS	28000	56	7	21,063
A64SS	32000	64	7	24,292
A72SS	36000	72	7	27,519
A81SS	40000	81	7	31,575
A90SS	45000	90	7	34,094
A100SS	50000	100	7	38,052

Model	SCFH 8hrs	Extrusions	Length	P/T
A2SS-9.3	1332	2	9.3	1,268
A4SS-9.3	2664	4	9.3	2,168
A6SS-9.3	3996	6	9.3	2,730
A8SS-9.3	5328	8	9.3	3,339
A10SS-9.3	6660	10	9.3	4,193
A12SS-9.3	7992	12	9.3	5,001
A16SS-9.3	10656	16	9.3	6,769
A20SS-9.3	13320	20	9.3	8,539
A24SS-9.3	15984	24	9.3	9,848
A30SS-9.3	19980	30	9.3	12,117
A36SS-9.3	23976	36	9.3	14,809
A42SS-9.3	27972	42	9.3	17,426
A48SS-9.3	31968	48	9.3	19,695
A56SS-9.3	37296	56	9.3	23,233
A64SS-9.3	42624	64	9.3	26,773
A72SS-9.3	47952	72	9.3	30,310
A81SS-9.3	53946	81	9.3	34,714
A90SS-9.3	59940	90	9.3	37,582
A100SS-9.3	66600	100	9.3	41,928

Model	SCFH 24hrs	Extrusions	Length	P/T
A2SSEG	1000	2	9.333	2,052
A4SSEG	2000	4	9.333	3,144
A6SSEG	3000	6	9.333	3,906
A8SSEG	4000	8	9.333	4,791
A10SSEG	5000	10	9.333	5,619
A12SSEG	6000	12	9.333	6,784
A16SSEG	8000	16	9.333	9,045
A20SSEG	10000	20	9.333	11,305
A24SSEG	12000	24	9.333	13,414
A30SSEG	15000	30	9.333	16,575
A36SSEG	18000	36	9.333	19,737
A42SSEG	21000	42	9.333	22,897
A24SSEG-20	24000	24	18.6	31,033
A30SSEG-20	30000	30	18.6	37,245
A36SSEG-20	36000	36	18.6	44,339

Model	SCFH 8hrs	Extrusions	Length	P/T
A2M	1000	2	7	call for current pricing
A4M	2000	4	7	call for current pricing
A6M	3000	6	7	call for current pricing
A8M	4000	8	7	call for current pricing
A10M	5000	10	7	call for current pricing
A12M	6000	12	7	call for current pricing
A16M	8000	16	7	call for current pricing
A20M	10000	20	7	call for current pricing
A24M	12000	24	7	call for current pricing
A30M	15000	30	7	call for current pricing
A36M	18000	36	7	call for current pricing
A42M	21000	42	7	call for current pricing
A48M	24000	48	7	call for current pricing
A56M	28000	56	7	call for current pricing
A64M	32000	64	7	call for current pricing
A72M	36000	72	7	call for current pricing
A81M	40000	81	7	call for current pricing
A90M	45000	90	7	call for current pricing
A100M	50000	100	7	call for current pricing

Model	SCFH 8hrs	Extrusions	Length	P/T
A2M-9.3	1332	2	9.3	call for current pricing
A4M-9.3	2664	4	9.3	call for current pricing
A6M-9.3	3996	6	9.3	call for current pricing
A8M-9.3	5328	8	9.3	call for current pricing
A10M-9.3	6660	10	9.3	call for current pricing
A12M-9.3	7992	12	9.3	call for current pricing
A16M-9.3	10656	16	9.3	call for current pricing
A20M-9.3	13320	20	9.3	call for current pricing
A24M-9.3	15984	24	9.3	call for current pricing
A30M-9.3	19980	30	9.3	call for current pricing
A36M-9.3	23976	36	9.3	call for current pricing
A42M-9.3	27972	42	9.3	call for current pricing
A48M-9.3	31968	48	9.3	call for current pricing
A56M-9.3	37296	56	9.3	call for current pricing
A64M-9.3	42624	64	9.3	call for current pricing
A72M-9.3	47952	72	9.3	call for current pricing
A81M-9.3	53946	81	9.3	call for current pricing
A90M-9.3	59940	90	9.3	call for current pricing
A100M-9.3	66600	100	9.3	call for current pricing

Electric Vaporizer Pricing

Direct to Process

<u>Model No</u>	<u>Flow</u>	<u>Volts</u>	
240/480C-15-.5-CO2	375 lbs./Hr.	240/480	7,660
240/480C-30-.5-CO2	750 lbs./Hr.	240/480	10,154
480C-45-.5-CO2	1125 lbs./Hr.	480	12,730
480C-60-.5-CO2	1500 lbs./Hr.	480	15,346
480C-75-.5-CO2	1875 lbs./Hr.	480	18,429
480C-90-.5-CO2	2250 lbs./Hr.	480	20,932
480C-105-.5-CO2	2625 lbs./Hr.	480	23,260
480C-120-.5-CO2	3000 lbs./Hr.	480	25,822
480C-135-.5-CO2	3375 lbs./Hr.	480	28,159
480C-150-.5-CO2	3750 lbs./Hr.	480	31,236
240C-45-.5-CO2	1125 lbs./Hr.	240	14,003
240C-60-.5-CO2	1500 lbs./Hr.	240	16,881
240C-75-.5-CO2	1875 lbs./Hr.	240	20,272
240C-90-.5-CO2	2250 lbs./Hr.	240	23,024
240C-105-.5-CO2	2625 lbs./Hr.	240	25,585
240C-120-.5-CO2	3000 lbs./Hr.	240	28,405
240C-135-.5-CO2	3375 lbs./Hr.	240	30,975
240C-150-.5-CO2	3750 lbs./Hr.	240	34,360
Adder for Low Temperature Cut-Off System-500 psig			
	1/2"		710
	3/4"		756
	1"		803
	1-1/2"		2,037
Adder for High Pressure Low Temperature Cut-Off System-1500 psig			
	1/2"		1,741
	3/4"		1,830
	1"		1,844
	1-1/2"		2,037
Adder for High Pressure Low Temperature By-Pass System			
	1/2"		1,983
	3/4"		2,080
	1"		2,149
Solid State Heater Drive			
	30 kW		1,787
	45 kW		2,007
	60 kW		3,404
	75 kW		3,646

Mini Series Vaporizers

MV-6	to 150 lbs. /hr.	120-480	3,870
MGH-6	to 750 lbs./hr.	120 -480	3,870
MPBU-6	to 170 lbs./hr.	120 - 480	5,837
MGH-6-DT	t0 2000 lbs./hr.	120-480	4,386
MPBU Casting			2,727
MV/MGH Casting			2,022
MGH-DT Casting			2,590
HBA-ETH Units			2,338

Pressure Build Vaporizers - CO2 / Nitrous

Ball Valve Flow Control

PBU240/480C-15-.5-CO2	200 lbs./hr.	240/480	7,533
PBU240/480C-15-.5-CO2-DC	400 lbs./hr.	240/480	8,742
PBU240/480C-30-.5-CO2	800 lbs./hr.	240/480	10,645
PBU480C-45-.5-CO2	1200 lbs./hr.	480	12,853
PBU240C-45-.5-CO2	1200 lbs./hr.	240	14,225
PBU480C-60-.5-CO2	1600 lbs./hr.	480	15,458
PBU240C-60-.5-CO2	1600 lbs./hr.	240	15,763
PBU480C-75-.5-CO2	2000 lbs./hr	480	18,186
PBU480C-90-.5-CO2	2400 lbs./hr	480	20,943

Extended Stem Ball Valve Control

PBU240/480C-15-.5-CO2	200 lbs./hr.	240/480	7,952
PBU240/480C-15-.5-CO2-DC	400 lbs./hr.	240/480	9,161
PBU240/480C-30-.5-CO2	800 lbs./hr.	240/480	11,284
PBU480C-45-.5-CO2	1200 lbs./hr.	480	13,721
PBU240C-45-.5-CO2	1200 lbs./hr.	240	15,143
PBU480C-60-.5-CO2	1600 lbs./hr.	480	16,295
PBU240C-60-.5-CO2	1600 lbs./hr.	240	16,615
PBU480C-75-.5-CO2	2000 lbs./hr	480	19,142
PBU480C-90-.5-CO2	2400 lbs./hr	480	21,951

TriFecta PBU - 10 kilowatts 6,368

Replacement PBU Fluid casting 797
Spare Heater Casting For Standard Units 761

Add for PBU - Dual Unit 4,204
Add For Low Pressure Alarm (pressure switch, alarm horn, relay) 1,028
Add For Flashing Alarm Light 263

Dual Unit - 15 kW D2P/ Pressure built 9,147
 200 lbs. per hour pressure build
 170 lbs. per hour direct to process
Add for CUL 1,738
Add for CRN/CUL (separate box) 4,813
Add for Separate 120 vac box (2 controllers) 779
adder for CUL on basic unit (120 volt box + UL) 2,517