

INSTRUCTIONS

STEP 1 Find the page that corresponds to the gas name and Semi # required (CTRL + F to search for a gas)

STEP 2 Find the corresponding inlet and outlet pressure required

STEP 3 The correct bin # is where the required FS flow rate (sccm) is in between the Min FS and the Max FS

STEP 4 If a bin is unavailable at certain conditions, Min FS and Max FS values will not be shown.

Gas (Semi#)	Inlet Pressure	Inlet Pressure	Inlet Pressure	Inlet Pressure																																																																																																																		
Outlet Pressure	<table border="1"> <thead> <tr><th>Bin</th><th>Min FS</th><th>Max FS</th></tr> </thead> <tbody> <tr><td>40</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>41</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>42</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>43</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>44</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>45</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>46</td><td>SCCM</td><td>SCCM</td></tr> </tbody> </table>	Bin	Min FS	Max FS	40	SCCM	SCCM	41	SCCM	SCCM	42	SCCM	SCCM	43	SCCM	SCCM	44	SCCM	SCCM	45	SCCM	SCCM	46	SCCM	SCCM	<table border="1"> <thead> <tr><th>Bin</th><th>Min FS</th><th>Max FS</th></tr> </thead> <tbody> <tr><td>40</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>41</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>42</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>43</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>44</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>45</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>46</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>47</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>48</td><td>SCCM</td><td>SCCM</td></tr> </tbody> </table>	Bin	Min FS	Max FS	40	SCCM	SCCM	41	SCCM	SCCM	42	SCCM	SCCM	43	SCCM	SCCM	44	SCCM	SCCM	45	SCCM	SCCM	46	SCCM	SCCM	47	SCCM	SCCM	48	SCCM	SCCM	<table border="1"> <thead> <tr><th>Bin</th><th>Min FS</th><th>Max FS</th></tr> </thead> <tbody> <tr><td>40</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>41</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>42</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>43</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>44</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>45</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>46</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>47</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>48</td><td>SCCM</td><td>SCCM</td></tr> </tbody> </table>	Bin	Min FS	Max FS	40	SCCM	SCCM	41	SCCM	SCCM	42	SCCM	SCCM	43	SCCM	SCCM	44	SCCM	SCCM	45	SCCM	SCCM	46	SCCM	SCCM	47	SCCM	SCCM	48	SCCM	SCCM	<table border="1"> <thead> <tr><th>Bin</th><th>Min FS</th><th>Max FS</th></tr> </thead> <tbody> <tr><td>40</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>41</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>42</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>43</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>44</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>45</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>46</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>47</td><td>SCCM</td><td>SCCM</td></tr> <tr><td>48</td><td>SCCM</td><td>SCCM</td></tr> </tbody> </table>	Bin	Min FS	Max FS	40	SCCM	SCCM	41	SCCM	SCCM	42	SCCM	SCCM	43	SCCM	SCCM	44	SCCM	SCCM	45	SCCM	SCCM	46	SCCM	SCCM	47	SCCM	SCCM	48	SCCM	SCCM
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SiH₂Cl₂ (67)

7 psia

9 psia

11 psia

13 psia

15 psia

Vacuum

Bin	Min FS	Max FS
LP-40	1.0	2.9
LP-41	2.9	9.2
LP-42	9.2	29.1
LP-43	29.1	93.9
LP-44	93.9	239.5
LP-45	239.5	886.7
LP-46	886.7	2703.2

Bin	Min FS	Max FS
LP-40	1.2	3.7
LP-41	3.7	12.0
LP-42	12.0	38.1
LP-43	38.1	123.3
LP-44	123.3	320.4
LP-45	320.4	1188.2
LP-46	1188.2	3640.3

Bin	Min FS	Max FS
LP-40	1.5	4.6
LP-41	4.6	14.9
LP-42	14.9	47.2
LP-43	47.2	152.8
LP-44	152.8	401.7
LP-45	401.7	1490.2
LP-46	1490.2	4583.1

Bin	Min FS	Max FS
LP-40	1.8	5.5
LP-41	5.5	17.7
LP-42	17.7	56.2
LP-43	56.2	182.2
LP-44	182.2	483.3
LP-45	483.3	1792.3
LP-46	1792.3	5529.1

Bin	Min FS	Max FS
LP-40	2.1	6.4
LP-41	6.4	20.6
LP-42	20.6	65.3
LP-43	65.3	211.7
LP-44	211.7	564.9
LP-45	564.9	2078.8
LP-46	2078.8	5903.1

17 psia

19 psia

21 psia

23 psia

25 psia

Vacuum

Bin	Min FS	Max FS
LP-40	2.4	7.3
LP-41	7.3	23.4
LP-42	23.4	74.3
LP-43	74.3	241.1
LP-44	241.1	646.7
LP-45	646.7	2364.9
LP-46	2364.9	5903.1

Bin	Min FS	Max FS
LP-40	2.7	8.2
LP-41	8.2	26.3
LP-42	26.3	83.4
LP-43	83.4	270.6
LP-44	270.6	728.4
LP-45	728.4	2650.9
LP-46	2650.9	5903.1

Bin	Min FS	Max FS
LP-40	3.0	9.1
LP-41	9.1	29.1
LP-42	29.1	92.5
LP-43	92.5	300.0
LP-44	300.0	810.3
LP-45	810.3	2936.9
LP-46	2936.9	5903.1

Bin	Min FS	Max FS
LP-40	3.3	10.0
LP-41	10.0	32.0
LP-42	32.0	101.5
LP-43	101.5	329.5
LP-44	329.5	892.1
LP-45	892.1	3222.9
LP-46	3222.9	5903.1

Bin	Min FS	Max FS
LP-40	3.6	10.9
LP-41	10.9	34.8
LP-42	34.8	110.6
LP-43	110.6	358.9
LP-44	358.9	974.0
LP-45	974.0	3508.9
LP-46	3508.9	5903.1

BCI3 (70)

7 psia

10 psia

13 psia

16 psia

19 psia

Vacuum

Bin	Min FS	Max FS
LP-40	1.1	3.3
LP-41	3.3	10.5
LP-42	10.5	33.4
LP-43	33.4	105.4
LP-44	105.4	229.8
LP-45	229.8	852.4
LP-46	852.4	2608.5

Bin	Min FS	Max FS
LP-40	1.6	4.8
LP-41	4.8	15.4
LP-42	15.4	48.9
LP-43	48.9	154.5
LP-44	154.5	343.0
LP-45	343.0	1272.5
LP-46	1272.5	3920.5

Bin	Min FS	Max FS
LP-40	2.1	6.3
LP-41	6.3	20.3
LP-42	20.3	64.4
LP-43	64.4	203.5
LP-44	203.5	456.5
LP-45	456.5	1692.6
LP-46	1692.6	4427.4

Bin	Min FS	Max FS
LP-40	2.6	7.9
LP-41	7.9	25.2
LP-42	25.2	80.0
LP-43	80.0	252.6
LP-44	252.6	570.2
LP-45	570.2	2112.5
LP-46	2112.5	4427.4

Bin	Min FS	Max FS
LP-40	3.1	9.4
LP-41	9.4	30.1
LP-42	30.1	95.5
LP-43	95.5	301.6
LP-44	301.6	684.0
LP-45	684.0	2532.2
LP-46	2532.2	4427.4

22 psia

25 psia

28 psia

31 psia

34 psia

Vacuum

Bin	Min FS	Max FS
LP-40	3.6	10.9
LP-41	10.9	35.0
LP-42	35.0	111.0
LP-43	111.0	350.7
LP-44	350.7	797.8
LP-45	797.9	2951.8

Bin	Min FS	Max FS
LP-40	4.2	12.5
LP-41	12.5	39.9
LP-42	39.9	126.6
LP-43	126.6	399.7
LP-44	399.7	911.7
LP-45	911.7	3371.2

Bin	Min FS	Max FS
LP-40	4.7	14.0
LP-41	14.0	44.8
LP-42	44.8	142.1
LP-43	142.1	448.8
LP-44	448.8	1025.6
LP-45	1025.6	3790.5

Bin	Min FS	Max FS
LP-40	5.0	14.4
LP-41	14.4	49.7
LP-42	49.7	157.6
LP-43	157.6	497.8
LP-44	497.8	1139.6
LP-45	1139.6	4209.8

Bin	Min FS	Max FS
LP-40	5.5	14.4
LP-41	14.4	54.6
LP-42	54.6	173.1
LP-43	173.1	546.9
LP-44	546.9	1253.5
LP-45	1253.5	4436.2

37 psia

40 psia

Vacuum

Bin	Min FS	Max FS
LP-40	6.0	14.4
LP-41	14.4	59.5
LP-42	59.5	188.7
LP-43	188.7	595.9
LP-44	595.9	1367.4
LP-45	1367.4	4436.2

Bin	Min FS	Max FS
LP-40	6.5	14.4
LP-41	14.4	64.4
LP-42	64.4	204.2
LP-43	204.2	645.0
LP-44	645.0	1481.4
LP-45	1481.4	4436.2

SiCl₄ (108)

Vacuum

2 psia

Bin	Min FS	Max FS
LP-40	0.2	0.7
LP-41	0.7	1.7
LP-42	1.7	6.0
LP-43	6.0	18.0
LP-44	18.0	40.6
LP-45	40.6	147.8
LP-46	147.8	441.9

3 psia

Bin	Min FS	Max FS
LP-40	0.4	1.2
LP-41	1.2	3.3
LP-42	3.3	11.7
LP-43	11.7	35.1
LP-44	35.1	69.6
LP-45	69.6	257.3
LP-46	257.3	773.1

4 psia

Bin	Min FS	Max FS
LP-40	0.6	1.7
LP-41	1.7	5.0
LP-42	5.0	17.2
LP-43	17.2	54.0
LP-44	54.0	99.5
LP-45	99.5	369.9
LP-46	369.9	1116.7

5 psia

Bin	Min FS	Max FS
LP-40	0.7	2.2
LP-41	2.2	6.7
LP-42	6.7	22.3
LP-43	22.3	69.9
LP-44	69.9	129.7
LP-45	129.7	483.5
LP-46	483.5	1465.6

6 psia

Bin	Min FS	Max FS
LP-40	0.9	2.7
LP-41	2.7	8.5
LP-42	8.5	27.3
LP-43	27.3	85.5
LP-44	85.5	160.2
LP-45	160.2	597.5
LP-46	597.5	1817.4

7 psia

Vacuum

Bin	Min FS	Max FS
LP-40	1.1	3.2
LP-41	3.2	10.0
LP-42	10.0	32.3
LP-43	32.3	101.0
LP-44	101.0	190.7
LP-45	190.7	711.5
LP-46	711.5	2170.7

SF6 (110)

15-30 psia

25-40 psia

35-50 psia

45-60 psia

Vacuum

Bin	Min FS	Max FS
LP-40	1.6	4.9
LP-41	4.9	15.6
LP-42	15.6	49.6
LP-43	49.6	162.3
LP-44	162.3	454.4
LP-45	454.4	1617.4

Bin	Min FS	Max FS
LP-40	2.8	8.3
LP-41	8.3	26.4
LP-42	26.4	84.0
LP-43	84.0	275.3
LP-44	275.3	785.3
LP-45	785.3	2734.8

Bin	Min FS	Max FS
LP-40	3.9	11.6
LP-41	11.6	37.2
LP-42	37.2	118.3
LP-43	118.3	388.4
LP-44	388.4	1116.6
LP-45	1116.6	3852.2

Bin	Min FS	Max FS
LP-40	5.0	15.0
LP-41	15.0	48.0
LP-42	48.0	152.7
LP-43	152.7	501.4
LP-44	501.4	1448.0
LP-45	1448.0	4969.7

Atmosphere

Bin	Min FS	Max FS
LP-40	2.8	8.3
LP-41	8.3	26.4
LP-42	26.4	84.0
LP-43	84.0	275.2
LP-44	275.2	777.5
LP-45	777.5	2734.8

Bin	Min FS	Max FS
LP-40	3.9	11.6
LP-41	11.6	37.2
LP-42	37.2	118.3
LP-43	118.3	388.4
LP-44	388.4	1116.6
LP-45	1116.6	3852.2

Bin	Min FS	Max FS
LP-40	5.0	15.0
LP-41	15.0	48.0
LP-42	48.0	152.7
LP-43	152.7	501.4
LP-44	501.4	1448.0
LP-45	1448.0	4969.7

1200 Torr

Bin	Min FS	Max FS
LP-40	3.9	11.6
LP-41	11.6	37.2
LP-42	37.2	118.3
LP-43	118.3	387.3
LP-44	387.3	1067.9
LP-45	1067.9	3679.0

Bin	Min FS	Max FS
LP-40	5.0	15.0
LP-41	15.0	48.0
LP-42	48.0	152.7
LP-43	152.7	501.4
LP-44	501.4	1448.0
LP-45	1448.0	4969.7

WF6 (121)

Vacuum

7 psia

Bin	Min FS	Max FS
LP-40	0.6	1.9
LP-41	1.9	6.1
LP-42	6.1	19.3
LP-43	19.3	61.4
LP-44	61.4	138.1
LP-45	138.1	516.4
LP-46	516.4	1564.0

9 psia

Bin	Min FS	Max FS
LP-40	0.8	2.5
LP-41	2.5	8.0
LP-42	8.0	25.3
LP-43	25.3	80.5
LP-44	80.5	183.7
LP-45	183.7	687.1
LP-46	687.1	2091.4

11 psia

Bin	Min FS	Max FS
LP-40	1.0	3.1
LP-41	3.1	9.9
LP-42	9.9	31.3
LP-43	31.3	99.6
LP-44	99.6	229.4
LP-45	229.4	857.9
LP-46	857.9	2621.0

13 psia

Bin	Min FS	Max FS
LP-40	1.2	3.7
LP-41	3.7	11.8
LP-42	11.8	37.3
LP-43	37.3	118.7
LP-44	118.7	275.2
LP-45	275.2	1028.6
LP-46	1028.6	3015.0

15 psia

Bin	Min FS	Max FS
LP-40	1.4	4.3
LP-41	4.3	13.7
LP-42	13.7	43.3
LP-43	43.3	137.8
LP-44	137.8	321.1
LP-45	321.1	1199.3
LP-46	1199.3	3015.0

17 psia

Bin	Min FS	Max FS
LP-40	1.6	4.8
LP-41	4.8	15.6
LP-42	15.6	49.3
LP-43	49.3	156.9
LP-44	156.9	367.0
LP-45	367.0	1369.8
LP-46	1369.8	3015.0

19 psia

Bin	Min FS	Max FS
LP-40	1.8	5.4
LP-41	5.4	17.4
LP-42	17.4	55.3
LP-43	55.3	176.0
LP-44	176.0	412.9
LP-45	412.9	1540.3
LP-46	1540.3	3015.0

21 psia

Bin	Min FS	Max FS
LP-40	2.0	6.0
LP-41	6.0	19.3
LP-42	19.3	61.2
LP-43	61.2	195.1
LP-44	195.1	458.8
LP-45	458.8	1710.7
LP-46	1710.7	3015.0

23 psia

Bin	Min FS	Max FS
LP-40	2.2	6.6
LP-41	6.6	21.2
LP-42	21.2	67.2
LP-43	67.2	214.2
LP-44	214.2	504.8
LP-45	504.8	1881.0
LP-46	1881.0	3015.0

25 psia

Bin	Min FS	Max FS
LP-40	2.4	7.2
LP-41	7.2	23.1
LP-42	23.1	73.2
LP-43	73.2	233.3
LP-44	233.3	550.7
LP-45	550.7	2051.3
LP-46	2051.3	3015.0

Vacuum

C4F8 (129)

Vacuum

7 psia

Bin	Min FS	Max FS
LP-40	0.9	2.8
LP-41	2.8	9.0
LP-42	9.0	29.0
LP-43	29.0	90.6
LP-44	90.6	173.6
LP-45	173.6	649.3
LP-46	0.0	-1.0

10 psia

Bin	Min FS	Max FS
LP-40	1.4	4.2
LP-41	4.2	13.2
LP-42	13.2	42.5
LP-43	42.5	132.4
LP-44	132.4	257.5
LP-45	257.5	962.2
LP-46	0.0	-1.0

13 psia

Bin	Min FS	Max FS
LP-40	1.8	5.5
LP-41	5.5	17.4
LP-42	17.4	55.9
LP-43	55.9	174.2
LP-44	174.2	341.6
LP-45	341.6	1274.9
LP-46	0.0	-1.0

16 psia

Bin	Min FS	Max FS
LP-40	2.3	6.8
LP-41	6.8	21.6
LP-42	21.6	69.3
LP-43	69.3	216.0
LP-44	216.0	425.7
LP-45	425.7	1587.3
LP-46	0.0	-1.0

19 psia

Bin	Min FS	Max FS
LP-40	2.7	8.2
LP-41	8.2	25.8
LP-42	25.8	82.8
LP-43	82.8	257.9
LP-44	257.9	509.9
LP-45	509.9	1899.5
LP-46	0.0	-1.0

22 psia

Bin	Min FS	Max FS
LP-40	3.2	9.5
LP-41	9.5	30.0
LP-42	30.0	96.2
LP-43	96.2	299.7
LP-44	299.7	594.1
LP-45	594.1	2211.6

25 psia

Bin	Min FS	Max FS
LP-40	3.5	9.8
LP-41	9.8	34.2
LP-42	34.2	109.6
LP-43	109.6	341.5
LP-44	341.5	678.4
LP-45	678.4	2523.5

28 psia

Bin	Min FS	Max FS
LP-40	3.9	9.8
LP-41	9.8	38.4
LP-42	38.4	123.1
LP-43	123.1	383.3
LP-44	383.3	762.7
LP-45	762.7	2835.4

31 psia

Bin	Min FS	Max FS
LP-40	4.3	9.8
LP-41	9.8	42.6
LP-42	42.6	136.5
LP-43	136.5	425.1
LP-44	425.1	846.9
LP-45	846.9	2998.3

34 psia

Bin	Min FS	Max FS
LP-40	4.8	9.8
LP-41	9.8	46.8
LP-42	46.8	150.0
LP-43	150.0	467.0
LP-44	467.0	931.2
LP-45	931.2	2998.3

Vacuum

37 psia

Bin	Min FS	Max FS
LP-40	5.2	9.8
LP-41	9.8	51.0
LP-42	51.0	163.4
LP-43	163.4	508.8
LP-44	508.8	1015.5
LP-45	1015.5	2998.3

40 psia

Bin	Min FS	Max FS
LP-40	5.6	9.8
LP-41	9.8	55.2
LP-42	55.2	176.8
LP-43	176.8	550.6
LP-44	550.6	1099.8
LP-45	1099.8	2998.3

Vacuum

TMSi (190)

Vacuum

7 psia

Bin	Min FS	Max FS
LP-40	1.5	4.5
LP-41	4.5	14.2
LP-42	14.2	45.9
LP-43	45.9	143.5
LP-44	143.5	283.9
LP-45	283.9	1061.3

10 psia

Bin	Min FS	Max FS
LP-40	2.2	6.6
LP-41	6.6	20.9
LP-42	20.9	67.1
LP-43	67.1	209.9
LP-44	209.9	421.6
LP-45	421.6	1575.5

13 psia

Bin	Min FS	Max FS
LP-40	2.9	8.7
LP-41	8.7	27.5
LP-42	27.5	88.3
LP-43	88.3	276.3
LP-44	276.3	559.7
LP-45	559.7	2089.3

16 psia

Bin	Min FS	Max FS
LP-40	3.6	10.8
LP-41	10.8	34.2
LP-42	34.2	109.6
LP-43	109.6	342.7
LP-44	342.7	698.0
LP-45	698.0	2602.6

19 psia

Bin	Min FS	Max FS
LP-40	4.3	12.9
LP-41	12.9	40.8
LP-42	40.8	130.8
LP-43	130.8	409.1
LP-44	409.1	836.3
LP-45	836.3	3115.6

22 psia

Bin	Min FS	Max FS
LP-40	5.0	15.0
LP-41	15.0	47.5
LP-42	47.5	152.1
LP-43	152.1	475.5
LP-44	475.5	974.7
LP-45	974.7	3628.4

25 psia

Bin	Min FS	Max FS
LP-40	5.5	16.6
LP-41	16.6	54.2
LP-42	54.2	173.3
LP-43	173.3	541.9
LP-44	541.9	1113.2
LP-45	1113.2	4141.0

28 psia

Bin	Min FS	Max FS
LP-40	6.1	16.6
LP-41	16.6	60.8
LP-42	60.8	194.5
LP-43	194.5	608.3
LP-44	608.3	1251.6
LP-45	1251.6	4653.4

31 psia

Bin	Min FS	Max FS
LP-40	6.8	16.6
LP-41	16.6	67.5
LP-42	67.5	215.8
LP-43	215.8	674.7
LP-44	674.7	1390.1
LP-45	1390.1	5115.2

34 psia

Bin	Min FS	Max FS
LP-40	7.5	16.6
LP-41	16.6	74.1
LP-42	74.1	237.0
LP-43	237.0	741.0
LP-44	741.0	1528.6
LP-45	1528.6	5115.2

Vacuum

37 psia

Bin	Min FS	Max FS
LP-40	8.2	16.6
LP-41	16.6	80.8
LP-42	80.8	258.3
LP-43	258.3	807.4
LP-44	807.4	1667.1
LP-45	1667.1	5115.2

40 psia

Bin	Min FS	Max FS
LP-40	8.9	16.6
LP-41	16.6	87.4
LP-42	87.4	279.5
LP-43	279.5	873.8
LP-44	873.8	1805.6
LP-45	1805.6	5115.2

Vacuum

C3H2F6 (267)

7 psia

10 psia

13 psia

16 psia

19 psia

Vacuum

Bin	Min FS	Max FS
LP-40	1.0	2.9
LP-41	2.9	9.4
LP-42	9.4	30.0
LP-43	30.0	94.5
LP-44	94.5	197.7
LP-45	197.7	737.9
LP-46	737.9	2244.0

Bin	Min FS	Max FS
LP-40	1.4	4.3
LP-41	4.3	13.7
LP-42	13.7	43.9
LP-43	43.9	138.3
LP-44	138.3	294.4
LP-45	294.4	1098.9
LP-46	1098.9	3364.4

Bin	Min FS	Max FS
LP-40	1.9	5.7
LP-41	5.7	18.1
LP-42	18.1	57.9
LP-43	57.9	182.2
LP-44	182.2	391.4
LP-45	391.4	1459.6
LP-46	1459.6	3803.0

Bin	Min FS	Max FS
LP-40	2.4	7.1
LP-41	7.1	22.5
LP-42	22.5	71.8
LP-43	71.8	226.0
LP-44	226.0	488.6
LP-45	488.6	1820.1
LP-46	1820.1	3803.0

Bin	Min FS	Max FS
LP-40	2.8	8.4
LP-41	8.4	26.9
LP-42	26.9	85.7
LP-43	85.7	269.9
LP-44	269.9	585.8
LP-45	585.8	2180.4
LP-46	0.0	-1.0

22 psia

25 psia

28 psia

31 psia

34 psia

Vacuum

Bin	Min FS	Max FS
LP-40	3.3	9.8
LP-41	9.8	31.3
LP-42	31.3	99.6
LP-43	99.6	313.7
LP-44	313.7	683.1
LP-45	683.1	2540.5

Bin	Min FS	Max FS
LP-40	3.7	11.2
LP-41	11.2	35.7
LP-42	35.7	113.6
LP-43	113.6	357.6
LP-44	357.6	780.4
LP-45	780.4	2900.5

Bin	Min FS	Max FS
LP-40	4.1	12.4
LP-41	12.4	40.1
LP-42	40.1	127.5
LP-43	127.5	401.4
LP-44	401.4	877.7
LP-45	877.7	3260.4

Bin	Min FS	Max FS
LP-40	4.5	12.4
LP-41	12.4	44.4
LP-42	44.4	141.4
LP-43	141.4	445.3
LP-44	445.3	975.0
LP-45	975.0	3620.2

Bin	Min FS	Max FS
LP-40	4.9	12.4
LP-41	12.4	48.8
LP-42	48.8	155.4
LP-43	155.4	489.1
LP-44	489.1	1072.3
LP-45	1072.3	3810.6

37 psia

40 psia

Vacuum

Bin	Min FS	Max FS
LP-40	5.4	12.4
LP-41	12.4	53.2
LP-42	53.2	169.3
LP-43	169.3	533.0
LP-44	533.0	1169.7
LP-45	1169.7	3810.6

Bin	Min FS	Max FS
LP-40	5.8	12.4
LP-41	12.4	57.6
LP-42	57.6	183.2
LP-43	183.2	576.8
LP-44	576.8	1267.0
LP-45	1267.0	3810.6

C4F6-q (297)

7 psia

9 psia

11 psia

13 psia

15 psia

Vacuum

Bin	Min FS	Max FS
LP-40	0.9	2.7
LP-41	2.7	8.5
LP-42	8.5	27.1
LP-43	27.1	86.0
LP-44	86.0	188.1
LP-45	188.1	703.4
LP-46	703.4	2131.2

Bin	Min FS	Max FS
LP-40	1.2	3.5
LP-41	3.5	11.2
LP-42	11.2	35.5
LP-43	35.5	112.7
LP-44	112.7	249.8
LP-45	249.8	934.7
LP-46	934.7	2845.9

Bin	Min FS	Max FS
LP-40	1.4	4.3
LP-41	4.3	13.8
LP-42	13.8	44.0
LP-43	44.0	139.3
LP-44	139.3	311.8
LP-45	311.8	1166.0
LP-46	1166.0	3563.5

Bin	Min FS	Max FS
LP-40	1.7	5.1
LP-41	5.1	16.5
LP-42	16.5	52.4
LP-43	52.4	166.0
LP-44	166.0	373.8
LP-45	373.8	1397.2
LP-46	1397.2	3944.8

Bin	Min FS	Max FS
LP-40	2.0	6.0
LP-41	6.0	19.1
LP-42	19.1	60.8
LP-43	60.8	192.7
LP-44	192.7	435.9
LP-45	435.9	1628.2
LP-46	1628.2	3944.8

17 psia

19 psia

21 psia

23 psia

Vacuum

Bin	Min FS	Max FS
LP-40	2.3	6.8
LP-41	6.8	21.8
LP-42	21.8	69.2
LP-43	69.2	219.4
LP-44	219.4	498.1
LP-45	498.1	1859.2
LP-46	1859.2	3944.8

Bin	Min FS	Max FS
LP-40	2.5	7.6
LP-41	7.6	24.5
LP-42	24.5	77.6
LP-43	77.6	246.1
LP-44	246.1	560.2
LP-45	560.2	2090.0
LP-46	2090.0	3944.8

Bin	Min FS	Max FS
LP-40	2.8	8.5
LP-41	8.5	27.1
LP-42	27.1	86.0
LP-43	86.0	272.8
LP-44	272.8	622.4
LP-45	622.4	2320.8

Bin	Min FS	Max FS
LP-40	3.1	9.3
LP-41	9.3	29.8
LP-42	29.8	94.4
LP-43	94.4	299.5
LP-44	299.5	684.6
LP-45	684.6	2551.4

CH3I (323)

3 psia

4 psia

5 psia

6 psia

7 psia

Vacuum

Bin	Min FS	Max FS
LP-40	0.3	0.9
LP-41	0.9	2.9
LP-42	2.9	9.5
LP-43	9.5	30.1
LP-44	30.1	69.4
LP-45	69.4	251.3
LP-46	251.3	757.6

Bin	Min FS	Max FS
LP-40	0.4	1.3
LP-41	1.3	4.2
LP-42	4.2	13.3
LP-43	13.3	42.6
LP-44	42.6	102.2
LP-45	102.2	373.8
LP-46	373.8	1131.3

Bin	Min FS	Max FS
LP-40	0.6	1.7
LP-41	1.7	5.4
LP-42	5.4	17.1
LP-43	17.1	55.1
LP-44	55.1	135.8
LP-45	135.8	499.4
LP-46	499.4	1517.2

Bin	Min FS	Max FS
LP-40	0.7	2.1
LP-41	2.1	6.6
LP-42	6.6	21.0
LP-43	21.0	67.6
LP-44	67.6	169.9
LP-45	169.9	626.4
LP-46	626.4	1909.5

Bin	Min FS	Max FS
LP-40	0.8	2.4
LP-41	2.4	7.8
LP-42	7.8	24.8
LP-43	24.8	80.1
LP-44	80.1	204.2
LP-45	204.2	754.1
LP-46	754.1	2305.7

8 psia

9 psia

10 psia

11 psia

12 psia

Vacuum

Bin	Min FS	Max FS
LP-40	0.9	2.8
LP-41	2.8	9.0
LP-42	9.0	28.7
LP-43	28.7	92.7
LP-44	92.7	238.6
LP-45	238.6	882.2
LP-46	882.2	2704.4

Bin	Min FS	Max FS
LP-40	1.1	3.2
LP-41	3.2	10.3
LP-42	10.3	32.6
LP-43	32.6	105.2
LP-44	105.2	273.2
LP-45	273.2	1010.5
LP-46	1010.5	3104.7

Bin	Min FS	Max FS
LP-40	1.2	3.6
LP-41	3.6	11.5
LP-42	11.5	36.4
LP-43	36.4	117.8
LP-44	117.8	307.8
LP-45	307.8	1138.9
LP-46	1138.9	3506.3

Bin	Min FS	Max FS
LP-40	1.3	4.0
LP-41	4.0	12.7
LP-42	12.7	40.3
LP-43	40.3	130.3
LP-44	130.3	342.5
LP-45	342.5	1267.3
LP-46	1267.3	3908.7

Bin	Min FS	Max FS
LP-40	1.4	4.3
LP-41	4.3	13.9
LP-42	13.9	44.1
LP-43	44.1	142.9
LP-44	142.9	377.2
LP-45	377.2	1395.8
LP-46	1395.8	4311.8