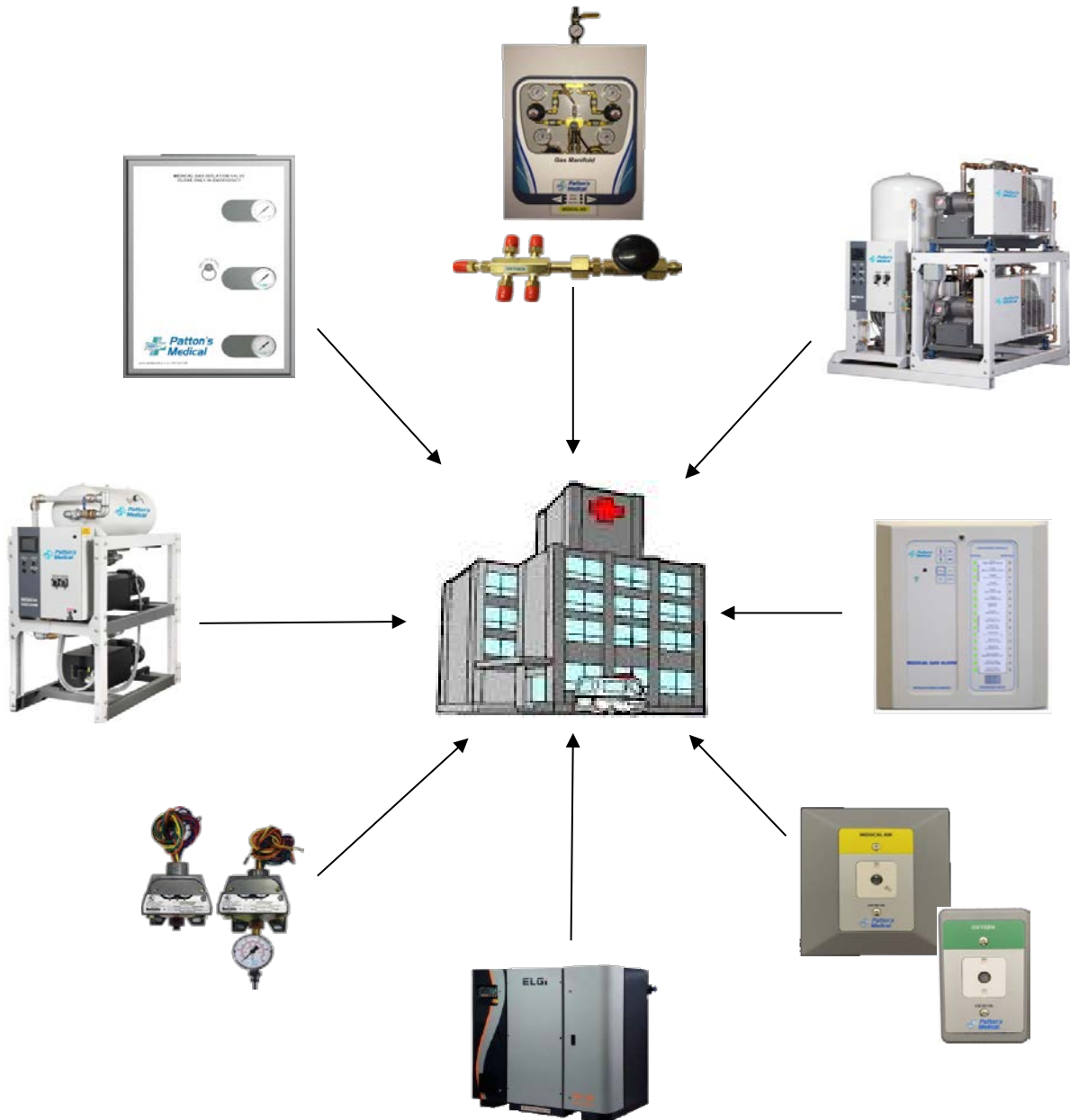


MEDICAL CONFIGURATION GUIDE



Creating Medical Gas Solutions... for Life

Pipeline Equipment



Outlets 10-12

Zone Valve Boxes, Accessory Valves 13-16



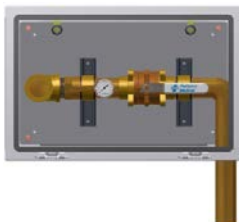
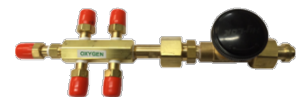
Gas Control Panel 17

Alarms 18-19



Manifolds 20, 23

Header Bars 21-22, 24-25



Oxygen Fill Station 26

Accessories 27-30



Medical & Instrument Air



Medical Air - Reciprocating

31-32

Medical Air - Scroll

33-35

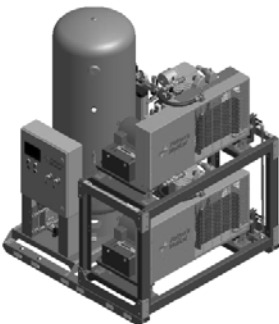


Medical Air - Rotary Screw

36

Medical Air - Dryers

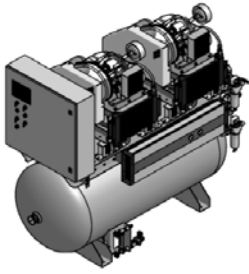
37



Instrument Air

38

Lab & Control Air



Lab Air - Scroll

39-40

ELGi Reciprocating

41

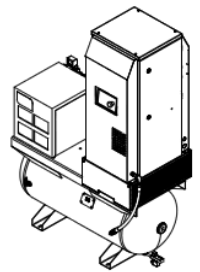


ELGi Encap Series

42

ELGi Encap Series Systems

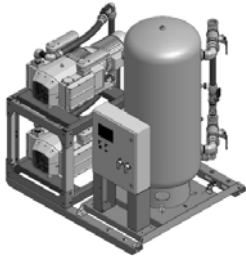
43



ELGi Global Series

44-45

Medical Vacuum

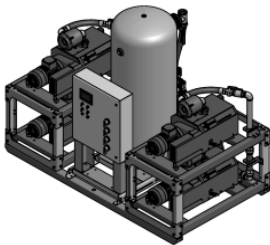


Medical Vacuum - Dry Vane

46

Medical Vacuum - Lubricated

47-49

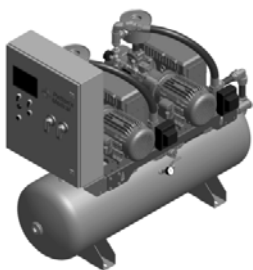


Medical Vacuum - Claw

50-53



Lab Vacuum



Lab Vacuum - Lubricated

54-56

Lab Vacuum - Claw

57-59



Dental Air & Vacuum



Dental Air

60-61

Dental Vacuum

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Dental Accessories

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Panels & Accessories



Retro-Fit Control Panels

68-69

Source Accessories

70-78



OUTLETS

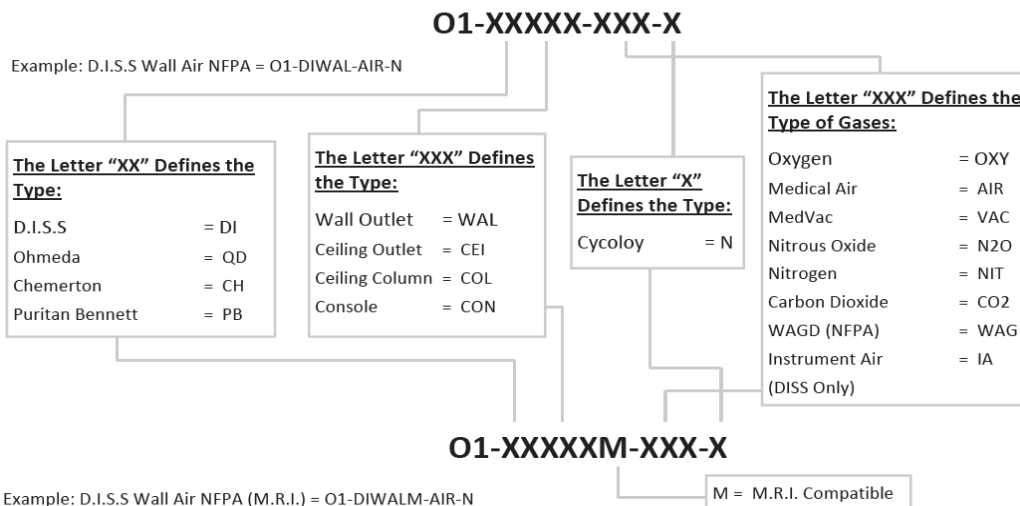
OUTLETS - COMPLETE ASSEMBLIES

MODEL NUMBERS

Wall Outlet



Ceiling Outlet



Ceiling Column Outlet



Console Outlet



COMPLETE ASSEMBLY

DISS
Ohmeda Connection
Chemtron
Puritan Bennett

O1-DIXXX-GAS-N
O1-QDXXX-GAS-N
O1-CHXXX-GAS-N
O1-PBXXX-GAS-N

Please see
Number
Matrix Above

COMPLETE ASSEMBLY (M.R.I.)

DISS
Ohmeda Connection
Chemtron
Puritan Bennett

O1-DIXXXM-GAS-N
O1-QDXXXM-GAS-N
O1-CHXXXM-GAS-N
O1-PBXXXM-GAS-N

Please see
Number
Matrix Above

Slide & Blank Assemblies

MODEL NUMBERS

Wall Slide & Blank



COMPLETE ASSEMBLY

Wall Slide
Wall Blank
Console Slide
Console Blank

O1-WALSLIDE-N
O1-WALBLANK-N
O1-CONSLIDE-N
O1-CONBLANK-N

Console Slide & Blank



COMPLETE ASSEMBLY (M.R.I.)

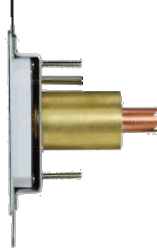
Wall Slide for M.R.I.
Wall Blank for M.R.I.
Console Slide for M.R.I.
Console Blank for M.R.I.

O1-WALSLIDEM-N
O1-WALBLANKM-N
O1-CONSLIDEM-N
O1-CONBLANKM-N

OUTLETS

OUTLET COMPONENTS - LATCH VALVE ASSEMBLIES

MODEL NUMBERS



FB = Front Body

O1-XXXX-XXX

The Letter "XX" Defines the Type:

D.I.S.S = DI
Ohmeda = QD
Chemerton = CH
Puritan Bennett = PB

The Letter "XXX" Defines the Type of Gases:

Oxygen = OXY
Medical Air = AIR
MedVac = VAC
Nitrous Oxide = N2O
Nitrogen = NIT
Carbon Dioxide = CO2
WAGD (NFPA) = WAG
Instrument Air = IA
(DISS Only)

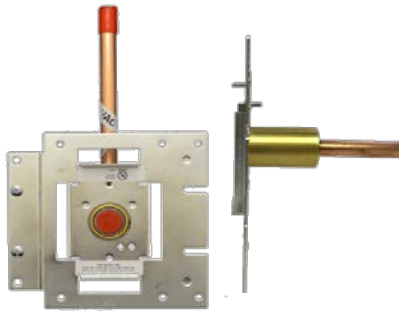
Example: D.I.S.S Wall Air NFPA = O1-FBDI-AIR

DISS
Ohmeda Connection
Chemerton
Puritan Bennett

O1-FBDI-GAS
O1-FBQD-GAS
O1-FBCH-GAS
O1-FBPB-GAS

OUTLET COMPONENTS - BACK BOX ASSEMBLIES

MODEL NUMBERS



BAK = Back Box

O1-BAKXXX-XXX

The Letter "XXX" Defines the Type:

Wall Outlet = WAL
Ceiling Outlet = CEI
Ceiling Column = COL
Console = CON

The Letter "XXX" Defines the Type of Gases:

Oxygen = OXY
Medical Air = AIR
MedVac = VAC
Nitrous Oxide = N2O
Nitrogen = NIT
Carbon Dioxide = CO2
WAGD (NFPA) = WAG
Instrument Air = IA
(DISS Only)

Example: D.I.S.S Wall Air NFPA = O1-BAKWAL-AIR

Wall Back Box
Ceiling Back Box
Ceiling Column Back Box
Console Back Box

O1-BAKWAL-GAS
O1-BAKCEI-GAS
O1-BAKCOL-GAS
O1-BAKCON-GAS

OUTLET COMPONENTS - TRIM PLATES

MODEL NUMBERS



5" Cycloloy Trim Plate
2-3/4" Cycloloy Trim Plate

O1-TRIM500-N
O1-TRIM275-N

* Ceiling Column & Console outlets require a 2-3/4" Trim Plate
* Wall & Ceiling Outlets require a 5" Trim Plate

OUTLETS

OUTLET SURFACE MOUNTING BOX

MODEL NUMBERS



Steel Cover box & Metal Wall Bracket

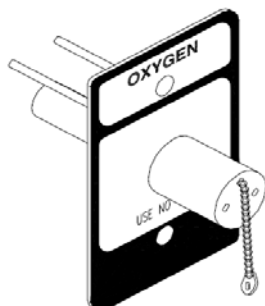
[O1-SURF-BOXS](#)

Plastic Cover box & Metal Wall Bracket

[O1-SURF-BOXP](#)

OUTLET LOCKING KITS - DISS

MODEL NUMBERS



DISS Locking Kit (All Gases Except OXY & WAGD)

[O1-LOCK-DISS](#)

DISS Locking Kit for Oxygen

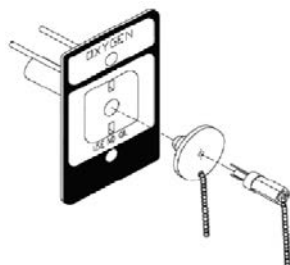
[O1-LOCK-DISS-OXY](#)

DISS Locking Kit

[O1-LOCK-DISS-KEY](#)

OUTLET LOCKING KITS - OHMEDA

MODEL NUMBERS



OHMEDA Locking Kit - All Gases

[O1-LOCK-QD](#)

OHMEDA Locking Kit

[O1-LOCK-QD-KEY](#)

ZONE VALVE BOXES

SINGLE/MULTIPLE ZONE VALVE BOX

MODEL NUMBERS



ZVB-NXXXXXXXXXXXXXX

N = Without Gauge

Replace XX with the following to indicate Valve size(s) required:

1/2"	= 05
3/4"	= 07
1"	= 10
1-1/4"	= 12
1-1/2"	= 15

Zone Valve Box with 1 valve

Zone Valve Box with 2 valves

Zone Valve Box with 3 valves

Zone Valve Box with 4 valves

Zone Valve Box with 5 valves

Zone Valve Box with 6 valves

Zone Valve Box with 7 valves

[ZVB-NXX](#)

[ZVB-NXXXX](#)

[ZVB-NXXXXXX](#)

[ZVB-NXXXXXXXX](#)

[ZVB-NXXXXXXXXXX](#)

[ZVB-NXXXXXXXXXXXX](#)

[ZVB-NXXXXXXXXXXXXXX](#)

Example: Triple box with w/o gauge, a 1/2", 3/4" and 1-1/4" valve, non-gauge = ZVB-N050712

Add Appropriate Gauges Separately: PM-GA2-100 (0-100 psi), PM-GA2-300 (0-300 psi), PM-GA2-VAC (0-30" Hg)

2" - 3" SINGLE ZONE VALVE BOX

MODEL NUMBERS



ZVB-NXX

N = Without Gauge

Replace XX with the following to indicate Valve size(s) required:

2"	= 20
2-1/2"	= 25
3"	= 30

Zone Valve Box with (1) 2" valve

Zone Valve Box with (1) 2-1/2" valve

Zone Valve Box with (1) 3" valve

[ZVB-N20](#)

[ZVB-N25](#)

[ZVB-N30](#)

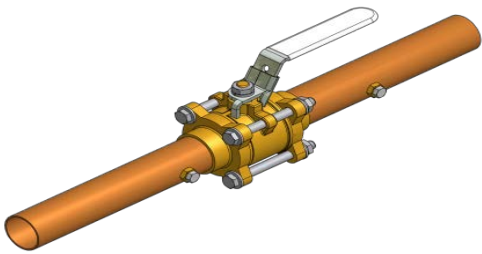
NOTE:

All valves are full port

The 2" valve in a single zone valve box will be in a 3-7/8" deep box.

The 2-1/2" - 3" valve in a single zone valve box will be in a 6-1/2" deep box.

ZONE VALVE BOXES

ZONE VALVES	MODEL NUMBERS	
	<u>Size:</u>	
	Inch	
	1/2"	PM-ZV-G-05
	3/4"	PM-ZV-G-07
	1"	PM-ZV-G-10
	1-1/4"	PM-ZV-G-12
	1-1/2"	PM-ZV-G-15
	2"	PM-ZV-G-20
	2-1/2"	PM-ZV-G-25
	3"	PM-ZV-G-30
* Gauges not Included		

ZONE VALVES W/ SENSOR PORTS	MODEL NUMBERS	
	<u>Size:</u>	
	Inch	
	1/2"	PM-ZVP-05
	3/4"	PM-ZVP-07
	1"	PM-ZVP-10
	1-1/4"	PM-ZVP-12
	1-1/2"	PM-ZVP-15
	2"	PM-ZVP-20
* Gauges not Included		

ZONE VALVE BOXES

Select the appropriate zone valve box with the correct valve sizes and gases needed.

Individual gauges for the gases will be provided separately.

Example: 1/2", 3/4", 1-1/4" ball valves in a box

ZVB-N050712, OXY, AIR and VAC

Qty.	Description	Model Numbers
(1)	Box for 3 valves	ZVB-N050712
(2)	100 psi Gauge	PM-GA2-100
(1)	Vac Gauge	PM-GA2-VAC

GAUGES

MODEL NUMBERS



PM-GA2-XXX

GA = Gauge

2 = 2" Gauge

100 = 0 - 100 psi
300 = 0 - 300 psi
VAC = 0 - 30" Hg

2" Gauge (0-100 psi)

2" Gauge (0-300 psi)

2" Vacuum Gauge (0-30" Hg)

[PM-GA2-100](#)

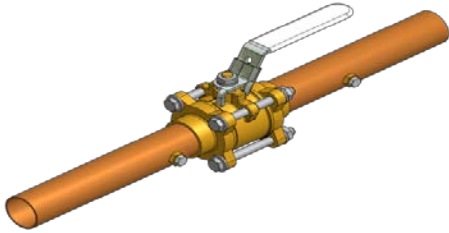
[PM-GA2-300](#)

[PM-GA2-VAC](#)

ACCESSORY VALVES

ISOLATION VALVES W/ DUAL PORTS & LOCKING HANDLES

MODEL NUMBERS



Size:

Inch

1/2"

3/4"

1"

1-1/4"

1-1/2"

2"

2-1/2"

3"

4"

[PMIV-2L-050](#)

[PMIV-2L-075](#)

[PMIV-2L-100](#)

[PMIV-2L-125](#)

[PMIV-2L-150](#)

[PMIV-2L-200](#)

[PMIV-2L-250](#)

[PMIV-2L-300](#)

[PMIV-2L-400](#)

* Available with Stainless Steel Ball and Stem

MEDICAL CHECK VALVES - "SERVICEABLE"

MODEL NUMBERS



Size:

Inch

1/2"

3/4"

1"

1-1/4"

1-1/2"

2"

2-1/2"

3"

4"

[CVPM-DPS-050](#)

[CVPM-DPS-075](#)

[CVPM-DPS-100](#)

[CVPM-DPS-125](#)

[CVPM-DPS-150](#)

[CVPM-DPS-200](#)

[CVPM-DPS-250](#)

[CVPM-DPS-300](#)

[CVPM-DPS-400](#)

BUTTERFLY VALVES

MODEL NUMBERS



Size:

Inch

2"

2-1/2"

3"

4"

5"

6"

Lug Type

2"

2-1/2"

3"

4"

5"

6"

[PMBF-20](#)

[PMBF-25](#)

[PMBF-30](#)

[PMBF-40](#)

[PMBF-50](#)

[PMBF-60](#)

[PMBF-20L](#)

[PMBF-25L](#)

[PMBF-30L](#)

[PMBF-40L](#)

[PMBF-50L](#)

[PMBF-60L](#)

Add "L" for Lug Style

Example: PMBF-20L = Butterfly Valve Lug-Type 2

GAS CONTROL PANELS

GAS CONTROL PANEL WITH BACK BOX

MODEL NUMBERS

Horizontal Orientation **GCP2-H-XXX**



Replace the XXX with the gas required:

INA = Instrument Air (Relieving) NFPA

NIT = Nitrogen (Relieving) NFPA

Horizontal Instrument Air Control Panel
Horizontal Nitrogen Control Panel

[GCP2-H-INA](#)

[GCP2-H-NIT](#)

ALARMS

AREA ALARMS

MODEL NUMBERS

A1A-XXXXXXXXXXXXXX



The Letter "X" Defines the Type of Gases:

Oxygen	= O	WAGD (NFPA)	= W
Medical Air	= A	AGSS (ISO)	= E
MedVac	= V	Instrument Air	= I
Nitrous Oxide	= 2	Blank Module	= B
Nitrogen	= N	Blank Space	= X
Carbon Dioxide	= C	Future	= F

- Compact Area Alarm - 1 GAS (Local)
- Compact Area Alarm - 2 GAS (Local)
- Compact Area Alarm - 3 GAS (Local)
- Compact Area Alarm - 4 GAS (Local)
- Compact Area Alarm - 5 GAS (Local)
- Compact Area Alarm - 6 GAS (Local)
- Compact Area Alarm - 7 GAS (Local)
- Compact Area Alarm - 8 GAS (Local)
- Compact Area Alarm - 9 GAS (Local)
- Compact Area Alarm - 10 GAS (Local)
- Compact Area Alarm - 11 GAS (Local)
- Compact Area Alarm - 12 GAS (Local)

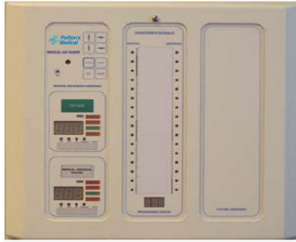
- [A1A-X](#)
- [A1A-XX](#)
- [A1A-XXX](#)
- [A1A-XXXX](#)
- [A1A-XXXXX](#)
- [A1A-XXXXXX](#)
- [A1A-XXXXXXX](#)
- [A1A-XXXXXXXX](#)
- [A1A-XXXXXXXXX](#)
- [A1A-XXXXXXXXXX](#)
- [A1A-XXXXXXXXXXX](#)
- [A1A-XXXXXXXXXXXX](#)

NOTE: AVAILABLE IN 2, 3 & 5 SLOT BOXES

ALARMS

COMBINATION AREA/MASTER ALARMS

MODEL NUMBERS



A1A-XXXXXXXXMM

Each "M" Stands
for 16 Functions

The Letter "X" Defines the Type of Gases:

Oxygen	= O	WAGD (NFPA)	= W
Medical Air	= A	AGSS (ISO)	= E
MedVac	= V	Instrument Air	= I
Nitrous Oxide	= 2	Blank Module	= B
Nitrogen	= N	Blank Space	= X
Carbon Dioxide	= C	Future	= F

Add the Letter "M" to the end of the COMPACT AREA
ALARM model number to add a 16 Point Master Board.

NOTE: Add "R" Suffix to the end of the Part
number if Relay board is required

NOTE: AVAILABLE IN 2, 3 & 5 SLOT BOXES

MASTER ALARMS

MODEL NUMBERS



A1M-XXXX

The Letter "X" Defines the # of Master Points:

16 functions (2 Slot Box)	= 16
16 Functions (2 Slot Box w/ Blank)	= 16B
32 Functions (3 Slot Box)	= 32
32 Functions (5 Slot Box w/ 2 Blanks)	= 32BB
48 Functions (5 Slot Box w/ Blank)	= 48B
64 Functions (5 Slot Box)	= 64

16 Functions (2-Slot Box)
16 Functions (3-Slot Box w/ Blank)
32 Functions (3-Slot Box)
32 Functions (5-Slot Box w/ 2 Blanks)
48 Functions (5-Slot Box w/ Blank)
64 Functions (5-Slot Box)

[A1M-16](#)

[A1M-16B](#)

[A1M-32](#)

[A1M-32BB](#)

[A1M-48B](#)

[A1M-64](#)

NOTE: Add "R" Suffix to the end of the Part
number if Relay board is required

NOTE: AVAILABLE IN 2, 3 & 5 SLOT BOXES

MANIFOLDS

HIGH PRESSURE AUTOMATIC MEDICAL MANIFOLD

MODEL NUMBERS



Manifold Cabinet:

H = Heater (CO2 and N2O only)

M1DL-XXX-XXX

HH = High Pressure
LH = Liquid x HP
LL = Liquid x Liquid

The "XXX" Defines the Gases:

Oxygen	= OXY
Medical Air	= AIR
Nitrous Oxide	= N2O
Nitrogen	= NIT
Carbon Dioxide	= CO2
Argon	= ARG
Helium	= HEL
Instrument Air	= INA
Heliox	= HELIOX
Carbogen	= CARBOGEN

Manifold w/o Heaters

High Pressure Automatic Manifold - Oxygen
High Pressure Automatic Manifold - Medical Air
High Pressure Automatic Manifold - Nitrous Oxide
High Pressure Automatic Manifold - Nitrogen
High Pressure Automatic Manifold - Carbon Dioxide
High Pressure Automatic Manifold - Argon
High Pressure Automatic Manifold - Helium
High Pressure Automatic Manifold - Instrument Air
High Pressure Automatic Manifold - Heliox
High Pressure Automatic Manifold - Carbogen

Manifold w/ Heaters (CO2 & N2O Only)

High Pressure Automatic Manifold - Carbon Dioxide
High Pressure Automatic Manifold - Nitrous Oxide

[M1DL-HH-OXY](#)

[M1DL-HH-AIR](#)

[M1DL-HH-N2O](#)

[M1DL-HH-NIT](#)

[M1DL-HH-CO2](#)

[M1DL-HH-ARG](#)

[M1DL-HH-HEL](#)

[M1DL-HH-INA](#)

[M1DL-HH-HELIOX](#)

[M1DL-HH-CARBOGEN](#)

[M1DL-HHH-CO2](#)

[M1DL-HHH-N2O](#)

HEADER BARS

HEADER BAR ASSEMBLY W/ COPPER PIGTAILS

MODEL NUMBERS

M1-HBBC-XX-XXX



"BC" = Staggered c/w Copper Pigtails

The "XX" defines the number of cylinders:

02 = 2 Cylinder (1 x 1)
 04 = 4 cylinders (2 x 2)
 06 = 6 cylinders (3 x 3)
 08 = 8 Cylinders (4 x 4)
 10 = 10 Cylinders (5 x 5)
 12 = 12 Cylinders (6 x 6)
 14 = 14 Cylinders (7 x 7)
 16 = 16 Cylinders (8 x 8)
 ETC...

The "XXX" Defines the Gases:

Oxygen = OXY
 Helium = HEL
 MIX = MIX

1x1 Cylinder Header Bar

[M1-HBBC-02-GAS](#)

2x2 Cylinder Header Bar

[M1-HBBC-04-GAS](#)

3x3 Cylinder Header Bar

[M1-HBBC-06-GAS](#)

4x4 Cylinder Header Bar

[M1-HBBC-08-GAS](#)

5x5 Cylinder Header Bar

[M1-HBBC-10-GAS](#)

6x6 Cylinder Header Bar

[M1-HBBC-12-GAS](#)

7x7 Cylinder Header Bar

[M1-HBBC-14-GAS](#)

8x8 Cylinder Header Bar

[M1-HBBC-16-GAS](#)

9x9 Cylinder Header Bar

[M1-HBBC-18-GAS](#)

10x10 Cylinder Header Bar

[M1-HBBC-20-GAS](#)

11x11 Cylinder Header Bar

[M1-HBBC-22-GAS](#)

12x12 Cylinder Header Bar

[M1-HBBC-24-GAS](#)

13x13 Cylinder Header Bar

[M1-HBBC-26-GAS](#)

14x14 Cylinder Header Bar

[M1-HBBC-28-GAS](#)

15x15 Cylinder Header Bar

[M1-HBBC-30-GAS](#)

16x16 Cylinder Header Bar

[M1-HBBC-32-GAS](#)

17x17 Cylinder Header Bar

[M1-HBBC-34-GAS](#)

18x18 Cylinder Header Bar

[M1-HBBC-36-GAS](#)

19x19 Cylinder Header Bar

[M1-HBBC-38-GAS](#)

20x20 Cylinder Header Bar

[M1-HBBC-40-GAS](#)

HBBC= Staggered Header Bar Configuration c/w Copper Pigtails
 Standard Gas copper pigtail are available in Oxygen & Helium only.
 Special gases are available upon request.

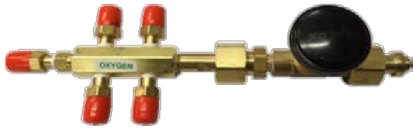
GAS = OXY, HEL, MIX

HEADER BARS

HEADER BAR ASSEMBLY W/ STAINLESS STEEL PIGTAILS

MODEL NUMBERS

M1-HBBS-XX-XXX



"BS" = Staggered c/w Stainless Pigtails

The "XX" defines the number of cylinders:

02 = 2 Cylinder (1 x 1)
 04 = 4 cylinders (2 x 2)
 06 = 6 cylinders (3 x 3)
 08 = 8 Cylinders (4 x 4)
 10 = 10 Cylinders (5 x 5)
 12 = 12 Cylinders (6 x 6)
 14 = 14 Cylinders (7 x 7)
 16 = 16 Cylinders (8 x 8)
 ETC...

The "XXX" Defines the Gases:

Medical Air = AIR
 Nitrous Oxide = N2O
 Nitrogen = NIT
 Carbon Dioxide = CO2
 Argon = ARG

1x1 Cylinder Header Bar

[M1-HBBS-02-GAS](#)

2x2 Cylinder Header Bar

[M1-HBBS-04-GAS](#)

3x3 Cylinder Header Bar

[M1-HBBS-06-GAS](#)

4x4 Cylinder Header Bar

[M1-HBBS-08-GAS](#)

5x5 Cylinder Header Bar

[M1-HBBS-10-GAS](#)

6x6 Cylinder Header Bar

[M1-HBBS-12-GAS](#)

7x7 Cylinder Header Bar

[M1-HBBS-14-GAS](#)

8x8 Cylinder Header Bar

[M1-HBBS-16-GAS](#)

9x9 Cylinder Header Bar

[M1-HBBS-18-GAS](#)

10x10 Cylinder Header Bar

[M1-HBBS-20-GAS](#)

11x11 Cylinder Header Bar

[M1-HBBS-22-GAS](#)

12x12 Cylinder Header Bar

[M1-HBBS-24-GAS](#)

13x13 Cylinder Header Bar

[M1-HBBS-26-GAS](#)

14x14 Cylinder Header Bar

[M1-HBBS-28-GAS](#)

15x15 Cylinder Header Bar

[M1-HBBS-30-GAS](#)

16x16 Cylinder Header Bar

[M1-HBBS-32-GAS](#)

17x17 Cylinder Header Bar

[M1-HBBS-34-GAS](#)

18x18 Cylinder Header Bar

[M1-HBBS-36-GAS](#)

19x19 Cylinder Header Bar

[M1-HBBS-38-GAS](#)

20x20 Cylinder Header Bar

[M1-HBBS-40-GAS](#)

HBBS= Staggered Header Bar Configuration c/w Stainless Steel Pigtails

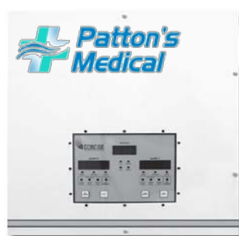
Standard Gas stainless steel pigtails are available in Air, Nitrous Oxide, Nitrogen, Carbon Dioxide & Argon .
 Special gases are available upon request.

GAS = AIR, N2O, NIT, CO2, ARG

MANIFOLDS

LIQUID AUTOMATIC MEDICAL MANIFOLD

MODEL NUMBERS



Manifold Cabinet:

M1INTELI-XXXX-XXX

D = Dual Line

H = Heater (CO2 and N2O only)

LL = Liquid * Liquid

Liquid * HP (selectable in L*L version)

The "XXX" Defines the Gases:

Oxygen	=	OXY
Nitrous Oxide	=	N2O
Nitrogen	=	NIT
Carbon Dioxide	=	CO2

Manifold w/o Heaters

Liquid Automatic Medical Manifold - Oxygen

[M1INTELI-DLL-OXY](#)

Liquid Automatic Medical Manifold - Nitrous Oxide

[M1INTELI-DLL-N2O](#)

Liquid Automatic Medical Manifold - Nitrogen

[M1INTELI-DLL-NIT](#)

Liquid Automatic Medical Manifold - Carbon Dioxide

[M1INTELI-DLL-CO2](#)

Manifold w/ Heaters (CO2 & N2O Only)

Liquid Automatic Medical Manifold - Carbon Dioxide

[M1INTELI-DHLL-CO2](#)

Liquid Automatic Medical Manifold - Nitrous Oxide

[M1INTELI-DHLL-N2O](#)

*** Please contact your Local Sales Rep for Special Applications including Optional Equipment**

RESERVE MANIFOLD

MODEL NUMBERS

Reserve Manifold



M1-RESERVE-GAS

To be NFPA 99 Code Compliant, the reserve manifold requires a 3 cylinder reserve or larger

GAS - CO2, N2O, OXY, NIT

Select the appropriate Reserve Manifold with the correct cylinders and gases needed.

Example: M1-RESERVE-OXY (Below parts included), Header bars will need to be added separately.

Qty.	Description	Model Numbers
(1)	1/2" Brass Bushing	27-70-106
(1)	Medical Isolation Valve	PMIV-075
(1)	Relief Valve	PRV-075
(1)	Regulator w/ Gauges	22-40-OXY
(1)	25' cable	20-01-037

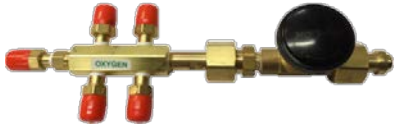
The high and low pressure switches required per NFPA 99 are already included in Patton's Medical Manifold and Regulator Gauge.

HEADER BARS

HEADER BAR ASSEMBLY W/ CRYOGENIC PIGTAILS

MODEL NUMBERS

M1-HBLQ-XX-XXX



"LQ" = Liquid c/w Cryogenic Pigtails

The "XX" defines the number of cylinders:
02 = 2 Cylinder (1 x 1)
04 = 4 cylinders (2 x 2)
06 = 6 cylinders (3 x 3)

The "XXX" Defines the Gases:

Oxygen	= OXY
Nitrous Oxide	= N2O
Nitrogen	= NIT
Carbon Dioxide	= CO2

1x1 Cylinder Header Bar
2x2 Cylinder Header Bar
3x3 Cylinder Header Bar

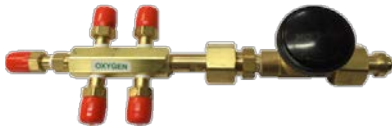
[M1-HBLQ-02-GAS](#)

[M1-HBLQ-04-GAS](#)

[M1-HBLQ-06-GAS](#)

SINGLE PRIMARY, SECONDARY, OR RESERVE HEADER BAR ASSEMBLY

MODEL NUMBERS



High Pressure Header Bar w/ Stainless-Steel Pigtails

x2 Cylinder Header Bar
x3 Cylinder Header Bar
x4 Cylinder Header Bar
x5 Cylinder Header Bar
x6 Cylinder Header Bar
x7 Cylinder Header Bar
x8 Cylinder Header Bar

M1-HBBS-*2-GAS
M1-HBBS-*3-GAS
M1-HBBS-*4-GAS
M1-HBBS-*5-GAS
M1-HBBS-*6-GAS
M1-HBBS-*7-GAS
M1-HBBS-*8-GAS

High Pressure Header Bar w/ Copper Pigtails

x2 Cylinder Header Bar
x3 Cylinder Header Bar
x4 Cylinder Header Bar
x5 Cylinder Header Bar
x6 Cylinder Header Bar
x7 Cylinder Header Bar
x8 Cylinder Header Bar

M1-HBBC-*2-GAS
M1-HBBC-*3-GAS
M1-HBBC-*4-GAS
M1-HBBC-*5-GAS
M1-HBBC-*6-GAS
M1-HBBC-*7-GAS
M1-HBBC-*8-GAS

Liquid Header Bar w/ Cryogenic Pigtails

x1 Cylinder Header Bar
x2 Cylinder Header Bar
x3 Cylinder Header Bar

M1-HBLQ-*1-GAS
M1-HBLQ-*2-GAS
M1-HBLQ-*3-GAS

GAS - CO2, N2O, OXY, NIT

HEADER BARS

HEADER BAR ACCESSORIES

MODEL NUMBERS



Pigtail Connections 36" Copper (Standard)

[M1-PTC-36-XXX](#)

Pigtail Connections 72" Copper

[M1-PTC-72-XXX](#)

XXX = CGA Connection related to Gases

CGA Connections available are: 540 (OXY), 580 (HEL)



Pigtail Connections 36" Stainless Steel (Standard)

[M1-PTS-36-XXX](#)

Pigtail Connections 72" Stainless Steel

[M1-PTS-72-XXX](#)

XXX = CGA Connection related to Gases

CGA Connections available are: 580 (NIT), 346 (AIR), 326 (N2O), 320 (CO2), 580 (ARG)

Pigtail Connections 72" Cryogenic

[M1-PTY-72-XXX](#)

XXX = CGA Connection related to Gases

CGA Connections available are: 580 (ARG), 580 (NIT), 540 (OXY)



Elbow Connection

[M1-HBEL](#)



Cylinder Wall Mounting Brackets (Single)

[16-01-206](#)

Cylinder Wall Mounting Brackets (Double)

[16-01-205](#)



Header Bar Wall Mounting Brackets

[16-70-001](#)

Floor Stand Header Bar Mounting Brackets

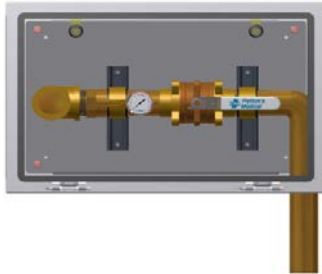
[16-70-003](#)

EMERGENCY OXYGEN SUPPLY CONNECTION

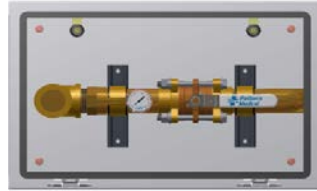
Emergency Oxygen Inlet Stations

MODEL NUMBERS

EOSC-XXXX



Surface Mount
Emergency Oxygen Inlet
Station - Low Pressure 2"



Recessed Emergency
Oxygen Inlet Station -
Low Pressure 2"

Replace XXXX with the following to indicate Valve size and mounting required:

1" Recessed Mount (Low Pressure)	= LPR1
1" Surface Mount (Low Pressure)	= LPS1
2" Recessed Mount (Low Pressure)	= LPR2
2" Surface Mount (Low Pressure)	= LPS2

Recessed Emergency Oxygen Inlet Station

Recessed - Low Pressure

[EOSC-LPR1](#)

Recessed - Low Pressure 2"

[EOSC-LPR2](#)

Surface Mounted Emergency Oxygen Inlet Station

Surface Mount - Low Pressure

[EOSC-LPS1](#)

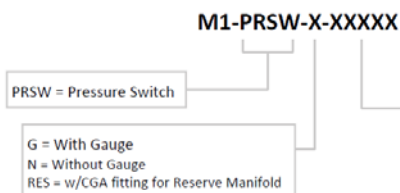
Surface Mount - Low Pressure 2"

[EOSC-LPS2](#)

ACCESSORIES

PRESSURE SWITCHES WITHOUT GAUGES

MODEL NUMBERS



The Letter "XXXXX" Defines the Type of Gases:	
Oxygen	= OXY
Medical Air	= AIR
MedVac	= VAC
Nitrous Oxide	= N2O
Nitrogen	= NIT
Carbon Dioxide	= CO2
WAGD (NFPA)	= WAG
Instrument Air	= IA
Argon	= ARG
Helium	= HEL
Air Reserve	= ARES
Carbon Dioxide Reserve	= CRES
Nitrous Oxide Reserve	= NORES
Nitrogen Reserve	= NTRES
Oxygen Reserve	= ORES

Switch without Gauge

Pressure Switch - Oxygen	M1-PRSW-N-OXY
Pressure Switch - Medical Air	M1-PRSW-N-AIR
Pressure Switch - Nitrous Oxide	M1-PRSW-N-N2O
Pressure Switch - Carbon Dioxide	M1-PRSW-N-CO2
Pressure Switch - Helium	M1-PRSW-N-HEL
Pressure Switch - Argon	M1-PRSW-N-ARG
Pressure Switch - Instrument Air	M1-PRSW-N-IA
Pressure Switch - Nitrogen	M1-PRSW-N-NIT
Vacuum Switch - Vacuum	M1-PRSW-N-VAC
Vacuum Switch - Waste Anesthetic Gas Disposal	M1-PRSW-N-WAG

Switch without Gauge for Reserve Manifold Gases - Low Pressure (250 psi)

Pressure Switch - Oxygen	M1-PRSW-N-RES-OXY
Pressure Switch - Medical Air	M1-PRSW-N-RES-AIR
Pressure Switch - Nitrous Oxide	M1-PRSW-N-RES-N2O
Pressure Switch - Carbon Dioxide	M1-PRSW-N-RES-CO2
Pressure Switch - Nitrogen	M1-PRSW-N-RES-NIT

Switch without Gauge for Reserve Manifold with CGA Fitting - High Pressure (3000 psi)

Pressure Switch - Oxygen	M1-PRSW-RES-OXY
Pressure Switch - Medical Air	M1-PRSW-RES-AIR
Pressure Switch - Nitrous Oxide	M1-PRSW-RES-N2O
Pressure Switch - Carbon Dioxide	M1-PRSW-RES-CO2
Pressure Switch - Nitrogen	M1-PRSW-RES-NIT

ACCESSORIES

PRESSURE SWITCHES WITH GAUGES

MODEL NUMBERS



M1-PRSW-X-XXXXX

PRSW = Pressure Switch

G = With Gauge

N = Without Gauge

RES = w/CGA fitting for Reserve Manifold

The Letter "XXXXX" Defines the Type of Gases:

Oxygen	= OXY
Medical Air	= AIR
MedVac	= VAC
Nitrous Oxide	= N2O
Nitrogen	= NIT
Carbon Dioxide	= CO2
WAGD (NFPA)	= WAG
Instrument Air	= IA
Argon	= ARG
Helium	= HEL
Air Reserve	= ARES
Carbon Dioxide Reserve	= CRES
Nitrous Oxide Reserve	= NORES
Nitrogen Reserve	= NTRES
Oxygen Reserve	= ORES

Switch with Gauge

Pressure Switch - Oxygen	M1-PRSW-G-OXY
Pressure Switch - Medical Air	M1-PRSW-G-AIR
Pressure Switch - Nitrous Oxide	M1-PRSW-G-N2O
Pressure Switch - Carbon Dioxide	M1-PRSW-G-CO2
Pressure Switch - Helium	M1-PRSW-G-HEL
Pressure Switch - Argon	M1-PRSW-G-ARG
Pressure Switch - Instrument Air	M1-PRSW-G-IA
Pressure Switch - Nitrogen	M1-PRSW-G-NIT
Vacuum Switch - Vacuum	M1-PRSW-G-VAC
Vacuum Switch - Waste Anesthetic Gas Disposal	M1-PRSW-G-WAG

Switch with Gauge for Reserve Gases - High Pressure (3000psi)

Pressure Switch - Oxygen	M1-PRSW-G-ORES
Pressure Switch - Medical Air	M1-PRSW-G-ARES
Pressure Switch - Nitrous Oxide	M1-PRSW-G-NORES
Pressure Switch - Carbon Dioxide	M1-PRSW-G-CRES
Pressure Switch - Nitrogen	M1-PRSW-G-NTRES

Relief Valve with Pipe Away Adapter

MODEL NUMBERS

Pressure Setting

PSI

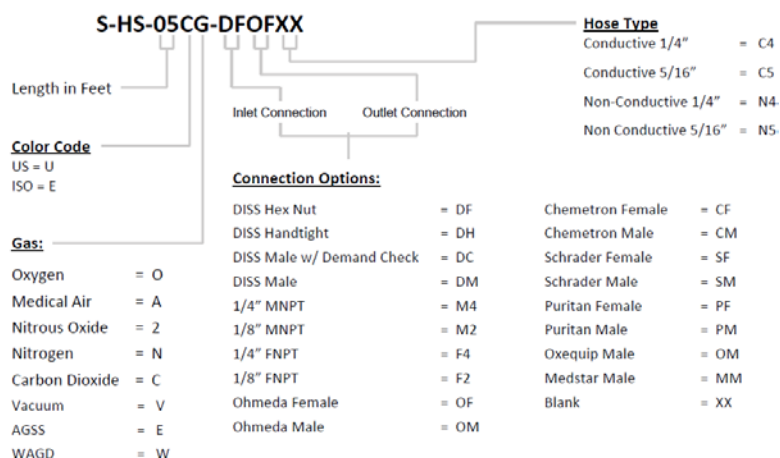


75 psi	PRV-075
125 psi	PRV-125
150 psi	PRV-150
200 psi	PRV-200
225 psi	PRV-225
250 psi	PRV-250
350 psi	PRV-350
375 psi	PRV-375
450 psi	PRV-450

ACCESSORIES

HOSE ASSEMBLIES

MODEL NUMBERS



Hose Assemblies

[S-HS-05CG-DFOFXX](#)

HOSE RETRACTOR

MODEL NUMBERS



Hose Retractor

[S-HOSE-RET-HD](#)

PIPE MARKER LABELS

MODEL NUMBERS



Gas:

Medical Air	25-04-083
Medical Vacuum	25-04-084
Vacuum Exhaust	25-04-085
Laboratory Air	25-04-086
Laboratory Vacuum	25-04-087
WAGD	25-04-088
Oxygen	25-04-089
Nitrogen	25-04-090
Nitrous Oxide	25-04-091
Carbon Dioxide	25-04-092
Helium	25-04-093
Instrument Air	25-04-094
Non-Medical Air	25-04-095
Non-Medical Vacuum	25-04-096

ACCESSORIES

REGULATORS

MODEL NUMBERS



**General Purpose
Regulators**



**Oxygen Cleaned
Regulators**

General Purpose Regulators - Low Pressure (0-125 psi)

1/4" NPT

1/2" NPT

[REG-G-LP-02](#)

[REG-G-LP-05](#)

General Purpose Regulators - High Pressure (0-300 psi)

1/4" NPT

1/2" NPT

[REG-G-HP-02](#)

[REG-G-HP-05](#)

Oxygen Cleaned Regulators - Low Pressure (0-200 psi)

1/2" NPT

[REG-O-LP-05](#)

Oxygen Cleaned Regulators - High Pressure (0-400 psi)

1/2" NPT

[REG-O-HP-05](#)

REPLACEMENT MANIFOLD REGULATORS

MODEL NUMBERS

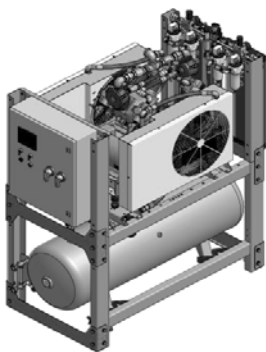
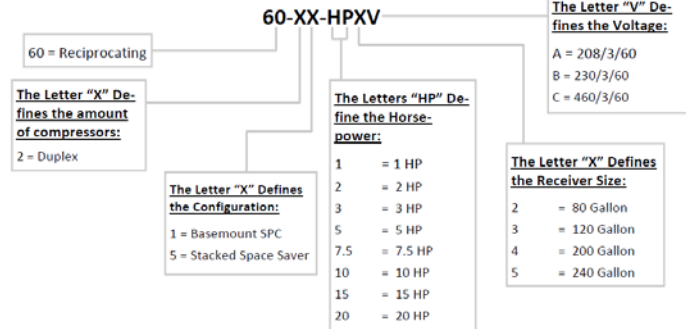
Pilot Regulator	27-80-050		
Dome Regulator (not for CO2) 55 PSI Delivery	27-80-052		
Left Bank Regulator (not for CO2) 55 PSI Delivery	27-80-053		
Dome Regulator (for CO2) 55 PSI Delivery	27-80-057		
Left Bank Regulator (for CO2) 55 PSI Delivery	27-80-058		
Left Line Regulator 55 PSI Delivery	27-80-054L		
Right Line Regulator 55 PSI Delivery	27-80-054R		
Dome Regulator (not for CO2) 100 PSI Delivery	27-80-052		
Left Bank Regulator (not for CO2) 100 PSI Delivery	27-80-053		
Dome Regulator (for CO2) 100 PSI Delivery	27-80-057		
Left Bank Regulator (for CO2) 100 PSI Delivery	27-80-058		
Left Line Regulator 100 PSI Delivery	27-80-055L		
Right Line Regulator 100 PSI Delivery	27-80-055R		
Dome Regulator (not for CO2) 170 PSI Delivery	27-80-052		
Left Bank Regulator (not for CO2) 170 PSI Delivery	27-80-053		
Left Line Regulator 170 PSI Delivery	27-80-056L		
Right Line Regulator 170 PSI Delivery	27-80-056R		

	Hill-Rom	Beacon Medaes	Patton's Medical
Reg, Line LL Manifold Viton	6804-2090-008	122012	22-50-020
Reg, Dome LL Manifold Viton, O2 Service	6804-2090-013	122010	22-50-021
Reg, Dome LL Manifold Neoprene N2O/CO2 Ser.	6804-2090-012	122011	22-50-022

MEDICAL AIR

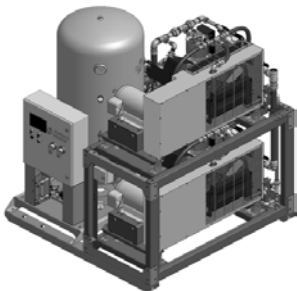
RECIPROCATING

MODEL NUMBERS



Duplex - Horizontal Tankmount

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Dimensions (") L x W x H
	50 Psig	100 Psig			
1	4.1	3.3	80	60-21-012	70 x 35 x 79
			120	60-21-013	72.5 x 35 x 79
2	7.5	6.3	80	60-21-022	70 x 35 x 79
			120	60-21-023	72.5 x 35 x 79
3	12.3	10.3	80	60-21-032	70 x 35 x 79
			120	60-21-033	72.5 x 35 x 79
5	19.6	17.3	80	60-21-052	70 x 35 x 79
			120	60-21-053	76 x 37.25 x 78



Duplex - Space Saver

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Dimensions (") L x W x H
	50 Psig	100 Psig			
7.5	29	26.3	200	60-25-074	71 x 70.5 x 92
			240	60-25-075	71 x 70.5 x 100.5
10	38.7	34.2	200	60-25-104	71 x 70.5 x 92
			240	60-25-105	71 x 70.5 x 100.5
15	58.5	51.3	200	60-25-154	71 x 70.5 x 92
			240	60-25-155	71 x 70.5 x 100.5
20	78.4	66.3	200	60-25-204	71 x 70.5 x 92
			240	60-25-205	71 x 70.5 x 100.5

OPTIONAL EQUIPMENT:

Seismic Isolators. For seismic isolators to be added please use the following configuration code - 60s; For Seismic Certification, consult factory.

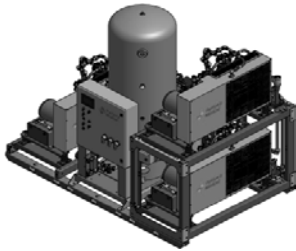
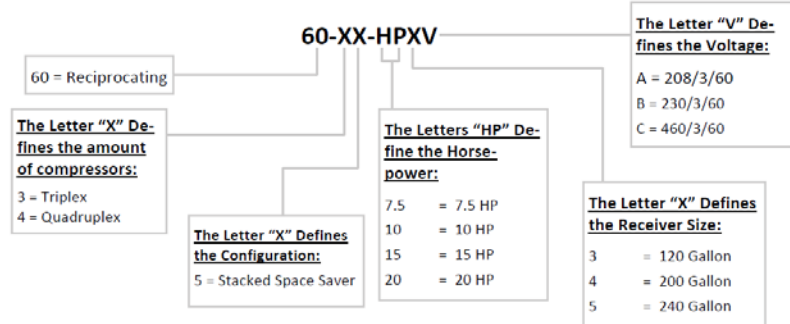
NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

*** Please contact your Local Sales Rep for Special Applications including Optional Equipment**

MEDICAL AIR

RECIPROCATING

MODEL NUMBERS



Triplex - Space Saver

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Dimensions (") L x W x H
	50 Psig	100 Psig			
7.5	58	52.6	200	60-35-074	110 x 70.5 x 92
			240	60-35-075	110 x 70.5 x 100.5
10	77.4	68.4	200	60-35-104	110 x 70.5 x 92
			240	60-35-105	110 x 70.5 x 100.5
15	117	102.6	200	60-35-154	110 x 70.5 x 98
			240	60-35-155	110 x 70.5 x 100.5
20	156.8	132.6	200	60-35-204	110 x 70.5 x 98
			240	60-35-205	110 x 70.5 x 100.5

Quad - Space Saver

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Dimensions (") L x W x H
	50 Psig	100 Psig			
7.5	87	78.9	200	60-45-074	110 x 70.5 x 92
			240	60-45-075	110 x 70.5 x 100.5
10	116.1	102.6	200	60-45-104	110 x 70.5 x 92
			240	60-45-105	110 x 70.5 x 100.5
15	175.5	153.9	200	60-45-154	110 x 70.5 x 92
			240	60-45-155	110 x 70.5 x 100.5
20	235.2	198.9	200	60-45-204	
			240	60-45-205	

OPTIONAL EQUIPMENT:

Seismic Isolators. For seismic isolators to be added please use the following configuration code - 60s; For Seismic Certification, consult factory.

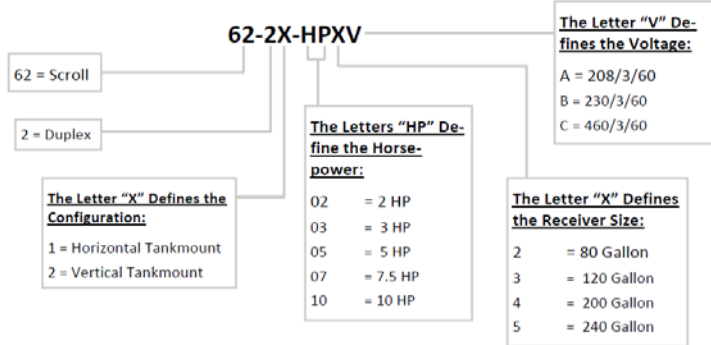
NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

MEDICAL AIR

SCROLL

MODEL NUMBERS



Duplex - Horizontal Tankmount



HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Dimensions (") L x W x H
	50 Psig	100 Psig			
2	7	6.5	80	62-21-022	86 x 33.25 x 61.5
			120	62-21-023	86 x 33.25 x 65.5
3	10.4	9.6	80	62-21-032	86 x 33.25 x 61.5
			120	62-21-033	86 x 33.25 x 65.5
5	17.2	16	80	62-21-052	86 x 33.25 x 61.5
			120	62-21-053	86 x 33.25 x 65.5
7.5	25.2	24	80	62-21-072	86 x 33.25 x 61.5
			120	62-21-073	86 x 33.25 x 65.5
10	34.8	32	120	62-21-103	86 x 33.25 x 65.5
			200	62-21-104	86 x 34.5 x 71.5



Duplex - Vertical Tankmount

HP	System Capacity (SCFM)		Receiver	Specification	Dimensions (") L x W x H
	50 Psig	100 Psig			
2	7	6.5	80 Gallon	62-22-022	38.75 x 34.5 x 76
3	10.4	9.6	80 Gallon	62-22-032	38.75 x 34.5 x 76
5	17.2	16	80 Gallon	62-22-052	38.75 x 34.5 x 78
7.5	25.2	24	80 Gallon	62-22-072	38.75 x 34.5 x 78

NOTE: Vertical Tankmount systems are only supplied with 80 Gallon receivers.

OPTIONAL EQUIPMENT:

Seismic Isolators. For seismic isolators to be added please use the following configuration code - 62s; For Seismic Certification, consult factory.

NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

MEDICAL AIR

SCROLL

MODEL NUMBERS



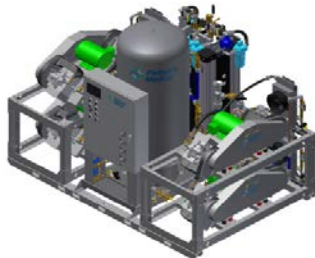
Duplex - Basemount Single Point Connection

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Dimensions (") L x W x H
	50 Psig	110 Psig			
10	34.8	32	200	62-23-104	71 x 70.5 x 88.5
			240	62-23-105	71 x 70.5 x 100.5
15	50.4	48	200	62-23-154	71 x 70.5 x 88.5
			240	62-23-155	71 x 70.5 x 100.5
20	69.6	64	200	62-23-204	71 x 70.5 x 88.5
			240	62-23-205	71 x 70.5 x 100.5



Triplex - Basemount Single Point Connection

HP	System Capacity (SCFM)		Receiver	Specification	Dimensions (") L x W x H
	50 Psig	100 Psig			
7.5	50.4	48	200	62-33-074	71 x 70.5 x 88.5
			240	62-33-075	71 x 70.5 x 100.5
10	69.6	64	200	62-33-104	71 x 70.5 x 88.5
			240	62-33-105	71 x 70.5 x 100.5
15	100.8	96	200	62-33-154	71 x 70.5 x 88.5
			240	62-33-155	71 x 70.5 x 100.5
20	139.2	128	200	62-33-204	71 x 70.5 x 88.5
			240	62-33-205	71 x 70.5 x 100.5



Quad - Basemount Single Point Connection

HP	System Capacity (SCFM)		Receiver	Specification	Dimensions (") L x W x H
	50 Psig	100 Psig			
7.5	75.6	72	200	62-43-074	71 x 70.5 x 88.5
			240	62-43-075	71 x 70.5 x 100.5
10	104.4	96	200	62-43-104	71 x 70.5 x 88.5
			240	62-43-105	71 x 70.5 x 100.5
15	151.2	144	200	62-43-154	71 x 70.5 x 88.5
			240	62-43-155	71 x 70.5 x 100.5
20	208.8	192	200	62-43-204	71 x 70.5 x 98
			240	62-43-205	71 x 70.5 x 100.5

OPTIONAL EQUIPMENT:

Seismic Isolators. For seismic isolators to be added please use the following configuration code - 62s; For Seismic Certification, consult factory.

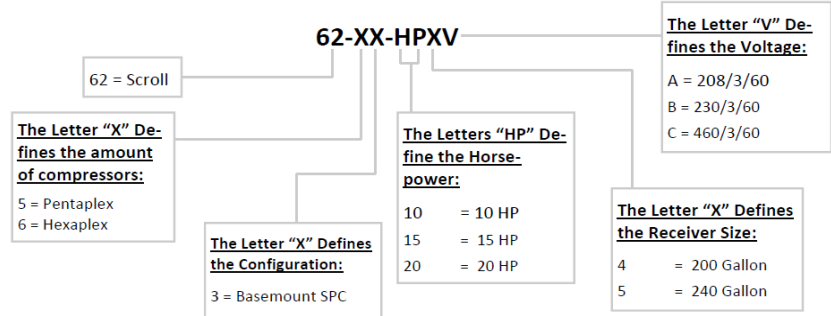
NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

*** Please contact your Local Sales Rep for Special Applications including Optional Equipment**

MEDICAL AIR

SCROLL

MODEL NUMBERS



Pentaplex- Basemount Single Point Connection



HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Dimensions (") L x W x H
	50 Psig	100 Psig			
10	139.2	128	200	62-53-104	110 x 70.5 x 88.5
			240	62-53-105	110 x 70.5 x 100.5
15	201.6	192	200	62-53-154	110 x 70.5 x 98
			240	62-53-155	110 x 70.5 x 100.5
20	278.4	256	200	62-53-204	140 x 70.5 x 88.5
			240	62-53-205	140 x 70.5 x 100.5

Hexaplex - Basemount Single Point Connection



HP	System Capacity (SCFM)		Receiver	Specification	Dimensions (") L x W x H
	50 Psig	100 Psig			
10	174	160	200	62-63-104	110 x 70.5 x 88.5
			240	62-63-105	110 x 70.5 x 100.5
15	252	240	200	62-63-154	140 x 70.5 x 88.5
			240	62-63-155	140 x 70.5 x 100.5
20	348	320	200	62-63-204	140 x 70.5 x 92
			240	62-63-205	140 x 70.5 x 100.5

OPTIONAL EQUIPMENT:

Seismic Isolators. For seismic isolators to be added please use the following configuration code - 62s; For Seismic Certification, consult factory.

NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

MEDICAL AIR

ROTARY SCREW - OIL-LESS

MODEL NUMBERS



Air-Cooled

69-X4-HPXV

69 = Rotary Screw

The Letter "X" Defines the amount of compressors

2 = Duplex
3 = Triplex

The Letters "HP" Defines the Horsepower:

20 = 20 HP
30 = 30 HP
40 = 40 HP
50 = 50 HP
60 = 60 HP
75 = 75 HP
100 = 100 HP

The Letter "V" Defines the Voltage:

A = 208/3/60
B = 230/3/60
C = 460/3/60

The Letter "X" Defines the Receiver Size:

4 = 200 Gallon
5 = 240 Gallon
7 = 400 Gallon

4 = Modular

Duplex - Modular



Air-Cooled

HP	System Capacity (SCFM)	Receiver (Gal)	Specification	Dimensions (") L x W x H
	100 psig			
20	73	200	69-24-204	85 x 36 x 68
30	125	240	69-24-305	85 x 36 x 68
40	165	240	69-24-405	85 x 36 x 68
50	225	240	69-24-505	69 x 50 x 67
60	294	400	69-24-607	69 x 50 x 67
75	333	400	69-24-757	69 x 50 x 67
100	400	400	69-24-1007	100 x 63 x 74

All Dimensions are shown for the individual modules not overall dimensions.

Triplex - Modular



HP	System Capacity (SCFM)	Receiver (Gal)	Specification	Dimensions (") L x W x H
	100 psig			
20	146	200	69-34-204	85 x 36 x 68
30	250	240	69-34-305	85 x 36 x 68
40	330	240	69-34-405	85 x 36 x 68
50	450	240	69-34-505	69 x 50 x 67
60	588	400	69-34-607	69 x 50 x 67
75	666	400	69-34-757	69 x 50 x 67
100	800	400	69-34-1007	100 x 63 x 74

NOTE: A sequencing panel is required for a Triplex system and above.

OPTIONAL EQUIPMENT:

- * Galvanized Receiver
- * Water-Cooled
- * VFD

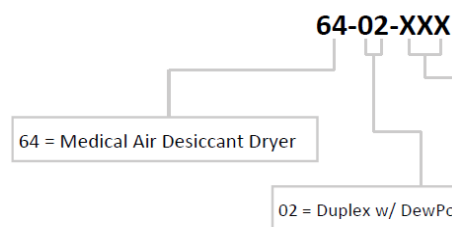
NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

MEDICAL AIR

MEDICAL AIR DRYERS

MODEL NUMBERS



The Letters "XXX" Defines the SCFM:

008	= 8 SCFM
010	= 10 SCFM
015	= 15 SCFM
025	= 25 SCFM
035	= 35 SCFM
045	= 45 SCFM
055	= 55 SCFM
065	= 65 SCFM
085	= 85 SCFM
105	= 105 SCFM
135	= 135 SCFM
175	= 175 SCFM
215	= 215 SCFM
275	= 275 SCFM
365	= 365 SCFM

Duplex - Desiccant Dryer with Dewpoint/CO Monitor

Inlet Form (SCFM) @ 100 Psig	Specification	Dimensions ("") L x W x H
8	64-02-008	
10	64-02-010	39.5 x 34 x 41.5
15	64-02-015	39.5 x 34 x 44.5
25	64-02-025	39.5 x 34 x 54.5
35	64-02-035	39.5 x 34 x 70
45	64-02-045	39.5 x 34 x 42.5
55	64-02-055	39.5 x 34 x 42.5
65	64-02-065	
85	64-02-085	
105	64-02-105	39.5 x 34 x 68.5
135	64-02-135	39.5 x 34 x 75.7
175	64-02-175	39.5 x 34 x 94
215	64-02-215	56 x 34.5 x 65
275	64-02-275	56 x 34.5 x 73
365	64-02-365	56 x 34.5 x 83.5



OPTIONAL EQUIPMENT:

- * Less Dewpoint
- * Less CO

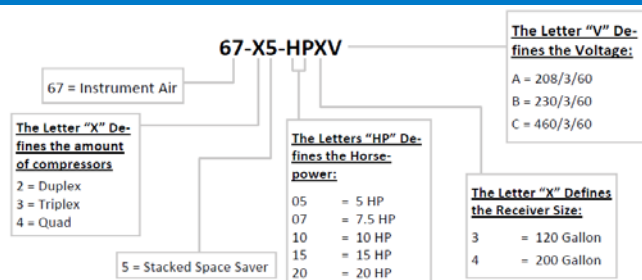
Dryers are available in simplex Configurations. For these model numbers please consult factory.

*** Please contact your Local Sales Rep for Special Applications including Optional Equipment**

INSTRUMENT AIR

INSTRUMENT AIR

MODEL NUMBERS



Duplex - Basemount Single Point Connection

HP	System Capacity (SCFM)	Receiver (Gal)	Specification	Dimensions ("") L x W x H
	200 Psig			
5	15.6	120	67-25-053	71 x 70.5 x 90.5
		200	67-25-054	71 x 70.5 x 93
7.5	24.6	120	67-25-073	71 x 70.5 x 90.5
		200	67-25-074	71 x 70.5 x 93
10	34.4	200	67-25-104	71 x 70.5 x 93
		240	67-25-105	71 x 70.5 x 100.5
15	44	200	67-25-154	71 x 70.5 x 93
		240	67-25-155	71 x 70.5 x 100.5
20	58.2	200	67-25-204	71 x 70.5 x 93
		240	67-25-205	71 x 70.5 x 100.5

Triplex - Basemount Single Point Connection

HP	System Capacity (SCFM)	Receiver	Specification	Dimensions ("") L x W x H
	200 Psig			
10	68.8	240	67-35-105	110 x 70.5 x 100.5
15	88	200	67-35-154	110 x 70.5 x 93
20	116.4	200	67-35-204	110 x 70.5 x 100.5

Quad - Basemount Single Point Connection

HP	System Capacity (SCFM)	Receiver	Specification	Dimensions ("") L x W x H
	200 Psig			
10	103.2	200	67-45-104	110 x 70.5 x 93
15	132	200	67-45-154	110 x 70.5 x 93
20	174.6	200	67-45-204	110 x 70.5 x 93

OPTIONAL EQUIPMENT:

Seismic Isolators. For seismic isolators to be added please use the following configuration code - 67s; For Seismic Certification, consult factory.

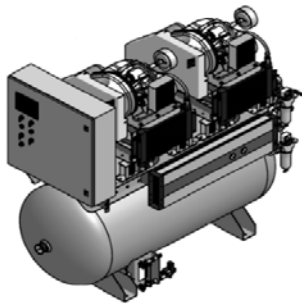
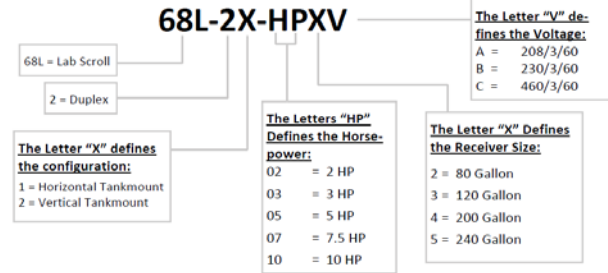
NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

LABORATORY AIR

SCROLL

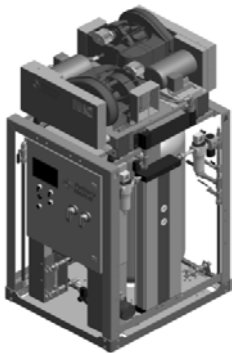
MODEL NUMBERS



Duplex - Horizontal Tankmount

HP	System Capacity (SCFM)	Receiver (Gal)	Specification	Dimensions (") L x W x H
	100 Psig			
2	13	80	68L-21-022	86 x 33.25 x 61.5
		120	68L-21-023	86 x 33.25 x 65.5
3	19.2	80	68L-21-032	86 x 33.25 x 61.5
		120	68L-21-033	86 x 33.25 x 65.5
5	32	80	68L-21-052	86 x 33.25 x 61.5
		120	68L-21-053	86 x 33.25 x 65.5
7.5	48	80	68L-21-072	100.5 x 33.5 x 67.5
		120	68L-21-073	100.5 x 33.5 x 67.5
10	64	120	68L-21-103	100.5 x 33.5 x 67.5
		200	68L-21-104	108 x 34.5 x 71.5

Systems are designed for output pressure of 100 psig. For 145 psig and other pressures, please consult factory.



Duplex - Vertical Tankmount

HP	System Capacity (SCFM)	Receiver	Specification	Dimensions (") L x W x H
	100 Psig			
2	13	80 Gallon	68L-22-022	38 x 33.5 x 72.5
3	19.2	80 Gallon	68L-22-032	38 x 33.5 x 72.5
5	32	80 Gallon	68L-22-052	38 x 33.5 x 72.5

NOTE: Vertical Tankmount systems are only supplied with 80 Gallon receivers.
Only the above MODEL #'s are available in this configuration.

Systems are designed for output pressure of 100 psig. For 145 psig and other pressures, please consult factory.

OPTIONAL EQUIPMENT:

Seismic Isolators. For seismic isolators to be added please use the following configuration code - 62s; For Seismic Certification, consult factory.

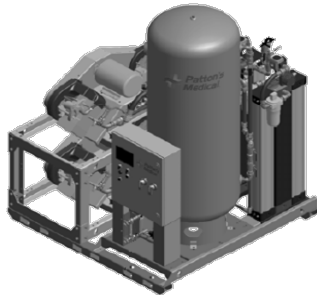
NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

LABORATORY AIR

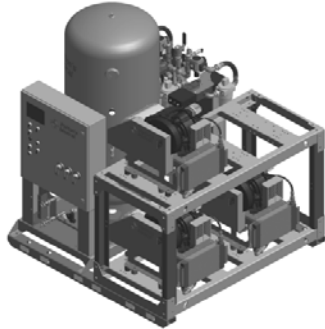
SCROLL

MODEL NUMBERS



Duplex - Basemount Single Point Connection

HP	System Capacity (SCFM)	Receiver (Gal)	Specification	Dimensions (") L x W x H
	100 Psig			
10	64	200	68L-23-104	71 x 70.5 x 88.5
		240	68L-23-105	71 x 70.5 x 100.5
15	96	200	68L-23-154	71 x 70.5 x 88.5
		240	68L-23-155	71 x 70.5 x 100.5
20	128	200	68L-23-204	71 x 70.5 x 88.5
		240	68L-23-205	71 x 70.5 x 100.5



Triplex - Basemount Single Point Connection

HP	System Capacity (SCFM)	Receiver	Specification	Dimensions (") L x W x H
	100 Psig			
7.5	72	200	68L-33-074	71 x 70.5 x 88.5
		240	68L-33-075	71 x 70.5 x 100.5
10	96	200	68L-33-104	71 x 70.5 x 88.5
		240	68L-33-105	71 x 70.5 x 100.5
15	144	200	68L-33-154	71 x 70.5 x 88.5
		240	68L-33-155	71 x 70.5 x 100.5
20	192	200	68L-33-204	71 x 70.5 x 88.5
		240	68L-33-205	71 x 70.5 x 100.5

Quad - Basemount Single Point Connection

HP	System Capacity (SCFM)	Receiver	Specification	Dimensions (") L x W x H
	100 Psig			
7.5	96	200	68L-43-074	71 x 70.5 x 88.5
		240	68L-43-075	71 x 70.5 x 100.5
10	128	200	68L-43-104	71 x 70.5 x 88.5
		240	68L-43-105	71 x 70.5 x 100.5
15	192	200	68L-43-154	110 x 70.5 x 88.5
		240	68L-43-155	110 x 70.5 x 100.5
20	256	200	68L-43-204	140 x 70.5 x 88.5
		240	68L-43-205	140 x 70.5 x 100.5

Systems are designed for output pressure of 100 psig. For 145 psig and other pressures, please consult factory.

OPTIONAL EQUIPMENT:

Seismic Isolators. For seismic isolators to be added please use the following configuration code - 62s; For Seismic Certification, consult factory.

NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

*** Please contact your Local Sales Rep for Special Applications including Optional Equipment**

CONTROL AIR

ELGi RECIPROCATING - OIL FLOODED

MODEL NUMBERS



83-11-XXX

The "1" defines the amount of compressors:
1 = Simplex

The "1" defines the configuration:
1 = Horizontal Tankmount

The "X" Defines the tank size:
3 = 120 Gallon

The Letters "XX" Defines the HP:
10 = 10 HP

Simplex - Horizontal Tankmount

HP	System Capacity (CFM)	Receiver (Gal)	Specification	Dimensions (") L x W x H
	175 Psig			
10	30	120	83-11-103	72.5 x 32.5 x 56.5

NOTE: Horizontal Tankmount systems are only supplied with 10 HP compressors with 120 Gallon receivers.



83-12-XXX

The "1" defines the amount of compressors:
1 = Simplex

The "2" defines the configuration:
2 = Vertical Tankmount

The "X" Defines the tank size:
2 = 80 Gallon

The Letters "XX" Defines the HP:
05 = 5 HP

Simplex - Vertical Tankmount

HP	System Capacity (CFM)	Receiver (Gal)	Specification	Dimensions (") L x W x H
	175 Psig			
5	14.5	80	83-12-052	42 x 26.5 x 74.5

NOTE: The Vertical Tankmount systems are only supplied with a 5 HP compressor with 80 Gallon receiver.

NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)
* Please contact your Local Sales Rep for Special Applications including Optional Equipment

CONTROL AIR

ROTARY SCREW - OIL FLOODED

MODEL NUMBERS

ELGI Encap Series

Major Components Integrated to Encapsulated Air end



Air filter
Air Intake valve
Solenoid valve
Non return valve
Air-oil separator tank
Air-oil separator
Oil filter
Safety valve
Oil sight glass
Minimum pressure valve
Oil drain valve
Thermostatic valve
Fittings + Piping



Single Phase Units

HP	System Capacity (SCFM)	Item Description	Specification	Dimensions (") L x W x H
	125 psig			
3	9	ELGi Scr 3HP 1 ph 230volt	EN02-125-1ph	23.6 x 18.1 x 50.2
4	12	ELGi Scr 4HP 1 ph 230/460volt	EN03-125-1ph	23.6 x 18.1 x 50.2
5	17.8	ELGi Scr 5HP 1 ph 230volt	EN04-125-1ph	23.6 x 18.1 x 50.2
7.5	24.3	ELGi Scr 7.5HP 1 ph 230volt	EN05-125-1ph	23.6 x 18.1 x 50.2

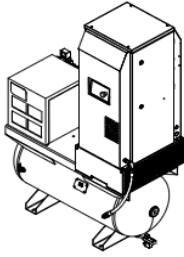
3-Phase Units

HP	System Capacity (SCFM)	Item Description	Specification	Dimensions (") L x W x H
	125 psig			
5	17.8	ELGi Scr 5HP 3 ph 230/460volt	EN04-125	23.6 x 18.1 x 50.2
7.5	24.3	ELGi Scr 7.5HP 3 ph 230/460volt	EN05-125	23.6 x 18.1 x 50.2
10	38	ELGi Scr 10HP 3 ph 230/460volt	EN07-125	30.5 x 30.3 x 53.2
15	55	ELGi Scr 15HP 3 ph 230/460volt	EN11-125	30.5 x 30.3 x 53.2
20	73	ELGi Scr 20HP 3 ph 230/460volt	EN15-125	30.5 x 30.3 x 54.8
25	102	ELGi Scr 25HP 3 ph 230/460volt	EN18-125	45.5 x 36.8 x 63.3
30	118	ELGi Scr 30HP 3 ph 230/460volt	EN22-125	45.5 x 36.8 x 63.3
40	138	ELGi Scr 40HP 3 ph 230/460volt	EN30-125	45.5 x 36.8 x 63.3

CONTROL AIR

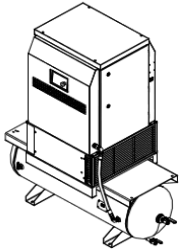
ROTARY SCREW - OIL FLOODED

MODEL NUMBERS



Simplex Encapsulated System with Dryer

HP	Capacity (SCFM)	Receiver (Gal)	Dryer	Drain	Specification (VFD)	Dimensions (") L x W x H
	@ 125 Psig					
3	9	60	Yes	Yes	EN02-125-60T-B2	51.2 x 25 x 74
4	12	60	Yes	Yes	EN03-125-60T-B2	51.2 x 25 x 74
5	17.8	60	Yes	Yes	EN04-125-60T-B2	51.2 x 25 x 74
7.5	24.3	60	Yes	Yes	EN05-125-60T-B2	51.2 x 25 x 74
10	38	120	Yes	Yes	EN07-125-120T-B2	68.5 x 30 x 77
15	55	120	Yes	Yes	EN11-125-120T-B2	68.5 x 30 x 77
20	73	120	Yes	Yes	EN15-125-120T-B2	68.5 x 30 x 79



Simplex Encapsulated System without Dryer

HP	Capacity (SCFM)	Receiver (Gal)	Dryer	Drain	Specification (VFD)	Dimensions (") L x W x H
	@ 125 Psig					
3	9	60	No	Yes	EN02-125-60T-A2	53 x 24 x 73.8
4	12	60	No	Yes	EN03-125-60T-A2	53 x 24 x 73.8
5	17.8	60	No	Yes	EN04-125-60T-A2	53 x 24 x 73.8
7.5	24.3	60	No	Yes	EN05-125-60T-A2	53 x 24 x 73.8
10	38	120	No	Yes	EN07-125-120T-A2	73 x 31.5 x 76
15	55	120	No	Yes	EN11-125-120T-A2	73 x 31.5 x 76
20	73	120	No	Yes	EN15-125-120T-A2	73 x 31.5 x 78

OPTIONAL EQUIPMENT:

* Tank Size

* Configuration

* Voltage

* Dryer

* Drain

NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

CONTROL AIR

ROTARY SCREW - OIL FLOODED

MODEL NUMBERS

ELGI Global Series



3-Phase Units

HP	System Capacity (SCFM)	Item Description	Specification	Dimensions (")
	100 psig			L x W x H
25	116	ELGi Scr 25HP 3 ph 230/460volt	EG18-100	56 x 28 x 58
30	138	ELGi Scr 30HP 3 ph 230/460volt	EG22-100	56 x 28 x 58
40	201	ELGi Scr 40HP 3 ph 230/460volt	EG30-100	67 x 44 x 62
50	247	ELGi Scr 50HP 3 ph 230/460volt	EG37-100	67 x 44 x 62
60	300	ELGi Scr 60HP 3 ph 460volt	EG45-100	67 x 44 x 62
75	375	ELGi Scr 75HP 3 ph 460volt	EG55-100	77 x 50 x 69
100	515	ELGi Scr 100HP 3 ph 460volt	EG75-100	81 x 50 x 77
125	604	ELGi Scr 125HP 3 ph 460volt	EG90-100	111 x 65 x 84
200	975	ELGi Scr 200HP 3 ph 460volt	EG160-100	111 x 65 x 84
HP	System Capacity (SCFM)	Item Description	Specification	Dimensions (")
	125 psig			L x W x H
15	65	ELGi Scr 15HP 3 ph 230/460volt	EG11-125	56 x 28 x 58
20	86	ELGi Scr 20HP 3 ph 230/460volt	EG15-125	56 x 28 x 58
25	105	ELGi Scr 25HP 3 ph 230/460volt	EG18-125	56 x 28 x 58
30	130	ELGi Scr 30HP 3 ph 230/460volt	EG22-125	56 x 28 x 58
40	170	ELGi Scr 40HP 3 ph 230/460volt	EG30-125	67 x 44 x 62
50	206	ELGi Scr 50HP 3 ph 230/460volt	EG37-125	67 x 44 x 62
60	253	ELGi Scr 60HP 3 ph 460volt	EG45-125	67 x 44 x 62
75	327	ELGi Scr 75HP 3 ph 460volt	EG55-125	77 x 50 x 69
100	445	ELGi Scr 100HP 3 ph 460volt	EG75-125	81 x 50 x 77
125	536	ELGi Scr 125HP 3 ph 460volt	EG90-125	111 x 65 x 84
150	630	ELGi Scr 150HP 3 ph 460volt	EG110-125	111 x 65 x 84
200	850	ELGi Scr 200HP3 ph 460volt	EG160-125	111 x 65 x 84
HP	System Capacity (SCFM)	Item Description	Specification	Dimensions (")
	150 psig			L x W x H
25	92	ELGi Scr 25HP 3 ph 230/460volt	EG18-150	56 x 28 x 58
30	112	ELGi Scr 30HP 3 ph 230/460volt	EG22-150	56 x 28 x 58
125	478	ELGi Scr 125HP 3 ph 460volt	EG90-150	111 x 65 x 84

CONTROL AIR

ROTARY SCREW - OIL FLOODED

MODEL NUMBERS

ELGI Global Series



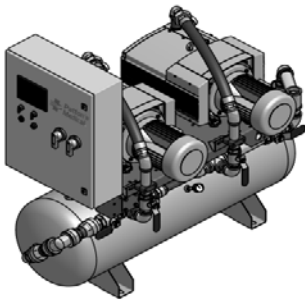
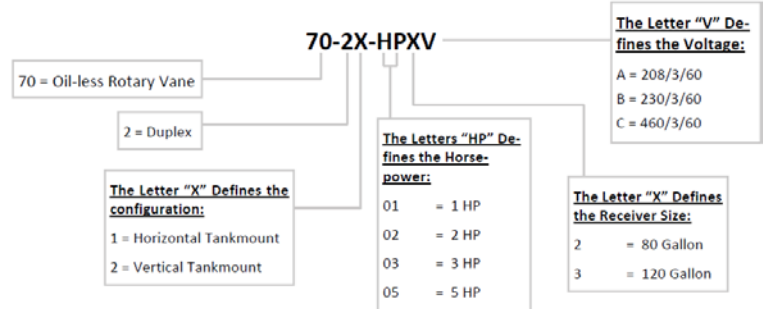
3-Phase, Variable Frequency Drive (VFD) Units

HP	System Capacity (SCFM)	Item Description	Specification	Dimensions (")
	125 psig			L x W x H
15	33-65	ELGi Scr 15HP VFD 3 ph 460volt	EG11v-125	56 x 28 x 58
20	43-86	ELGi Scr 20HP VFD 3 ph 460volt	EG15v-125	56 x 28 x 58
25	53-105	ELGi Scr 25HP VFD 3 ph 460volt	EG18v-125	56 x 28 x 58
30	65-130	ELGi Scr 30HP VFD 3 ph 460volt	EG22v-125	56 x 28 x 58
100	222-515	ELGi Scr 100HP VFD 3 ph 460volt	EG75v-125	81 x 50 x 77
HP	System Capacity (SCFM)	Item Description	Specification	Dimensions (")
	150 psig			L x W x H
125	239-604	ELGi Scr 125HP VFD 3 ph 460volt	EG90v-150	111 x 65 x 84
150	285-720	ELGi Scr 150HP VFD 3 ph 460volt	EG110v-150	111 x 65 x 84
200	389-975	ELGi Scr 200HP VFD 3 ph 460volt	EG160v-150	111 x 65 x 84
HP	System Capacity (SCFM)	Item Description	Specification	Dimensions (")
	175 psig			L x W x H
40	80-170	ELGi Scr 40HP VFD 3 ph 460volt	EG30v-175	67 x 44 x 62
50	99-206	ELGi Scr 50HP VFD 3 ph 460volt	EG37v-175	67 x 44 x 62
60	120-253	ELGi Scr 60HP VFD 3 ph 460volt	EG45v-175	67 x 44 x 62
75	150-327	ELGi Scr 75HP VFD 3 ph 460volt	EG55v-175	77 x 50 x 69

MEDICAL VACUUM

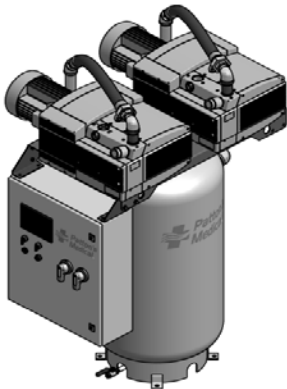
OIL-LESS ROTARY VANE

MODEL NUMBERS



Duplex - Horizontal Tankmount

HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Dimensions (") L x W x H
	Pump	System (NFPA)			
1.2	5.3	5.3	80	70-21-012	65.5 x 25 x 58.4
			120	70-21-013	68.8 x 27.3 x 61.7
2	8.3	8.3	80	70-21-022	65.5 x 25 x 58.4
			120	70-21-023	68.8 x 27.3 x 61.7
3	12.5	12.5	80	70-21-032	72 x 28 x 58.4
			120	70-21-033	76.5 x 28 x 62.5
5	22.1	22.1	80	70-21-052	73.5 x 34.5 x 58.4
			120	70-21-053	78 x 34.5 x 62.5



Duplex - Vertical Tankmount

HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Dimensions (") L x W x H
	Pump	System (NFPA)			
1.2	5.3	5.3	80	70-22-012	41 x 23.7 x 72
			120	70-22-013	47 x 30 x 76.25
2	8.3	8.3	80	70-22-022	41 x 23.7 x 72
			120	70-22-023	47 x 30 x 76.25
3	12.5	12.5	80	70-22-032	50 x 28.5 x 72
			120	70-22-033	53 x 34.75 x 76.7
5	22.1	22.1	80	70-22-052	50 x 34.5 x 74.5
			120	70-22-053	53 x 34.75 x 78.2

OPTIONAL EQUIPMENT:

- * Galvanized Receiver
- * Non-HMI

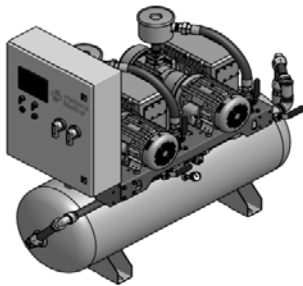
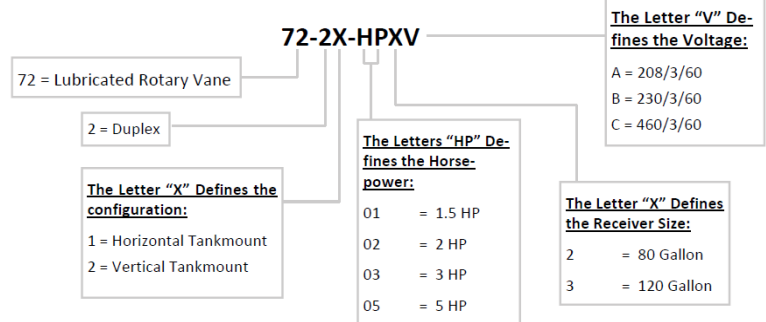
NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

MEDICAL VACUUM

LUBRICATED ROTARY VANE

MODEL NUMBERS



Duplex - Horizontal Tankmount

HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Dimensions (") L x W x H
	Pump	System (NFPA)			
1.5	7	7	80	72-21-012	72 x 27.5 x 59.4
			120	72-21-013	76 x 28.5 x 63.5
2	11	11	80	72-21-022	72 x 27.5 x 59.4
			120	72-21-023	76 x 28.5 x 63.5
3	17	17	80	72-21-032	72 x 30 x 59.4
			120	72-21-033	76 x 30 x 63.5
5	26	26	80	72-21-052	72 x 30.5 x 59.4
			120	72-21-053	76 x 30.5 x 63.5



Duplex - Vertical Tankmount

HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Dimensions (") L x W x H
	Pump	System (NFPA)			
1.5	7	7	80	72-22-012	49.7 x 27.5 x 73
			120	72-22-013	52 x 34.7 x 77.5
2	11	11	80	72-22-022	49.7 x 27.5 x 73
			120	72-22-023	52 x 34.7 x 77.5
3	17	17	80	72-22-032	49.7 x 29.8 x 74
			120	72-22-033	53.25 x 30 x 78
5	26	26	80	72-22-052	49.7 x 33.25 x 74
			120	72-22-053	52 x 35 x 81

OPTIONAL EQUIPMENT:

- * Galvanized Receiver
- * Non-HMI

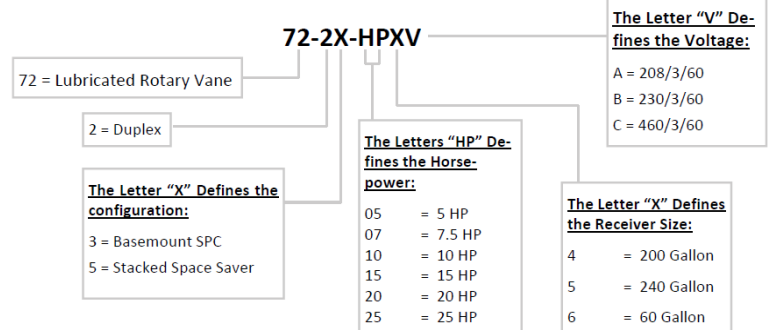
NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

MEDICAL VACUUM

LUBRICATED ROTARY VANE

MODEL NUMBERS

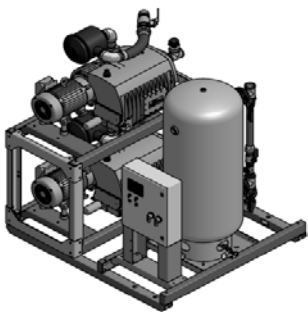


Duplex - Space Saver



HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Dimensions (") L x W x H
	Pump	System (NFPA)			
5	26	26	60	72-25-056	66 x 33.9 x 79
7.5	52	52	60	72-25-076	66 x 33.9 x 79
10	77	77	60	72-25-106	66 x 33.9 x 79

Duplex - Basemount Single Point Connection



HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Dimensions (") L x W x H
	Pump	System (NFPA)			
7.5	52	52	200	72-23-074	71 x 60.5 x 88
			240	72-23-075	71 x 60.5 x 100
10	77	77	200	72-23-104	71 x 60.5 x 88
			240	72-23-105	71 x 60.5 x 100
15	111	111	200	72-23-154	84 x 75 x 93
			240	72-23-155	84 x 75 x 100
20	137	137	200	72-23-204	85.4 x 75 x 93
			240	72-23-205	85.4 x 75 x 100
25	168	168	200	72-23-254	85.4 x 75 x 93
			240	72-23-255	85.4 x 75 x 100

OPTIONAL EQUIPMENT:

- * Galvanized Receiver
- * Non-HMI

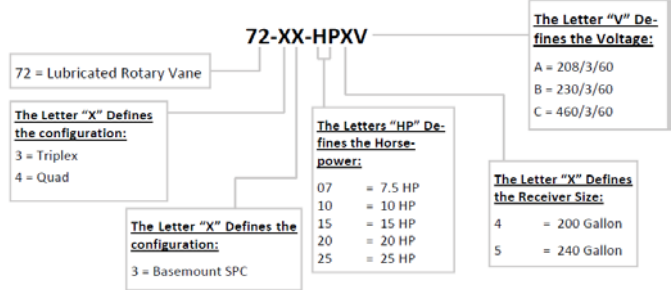
NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

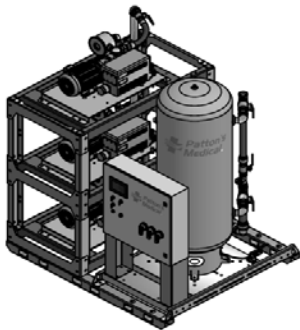
MEDICAL VACUUM

LUBRICATED ROTARY VANE

MODEL NUMBERS

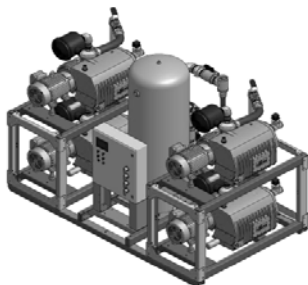


Triplex - Basemount Single Point Connection



HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Dimensions (") L x W x H
	Pump	System (NFPA)			
7.5	52	104	200	72-33-074	71 x 60.5 x 93
			240	72-33-075	71 x 60.5 x 100
10	77	154	200	72-33-104	71 x 60.5 x 93
			240	72-33-105	71 x 60.5 x 100
15	111	222	200	72-33-154	132 x 75.8 x 93
			240	72-33-155	132 x 75.8 x 100
20	137	274	200	72-33-204	134.7 x 75.8 x 93
			240	72-33-205	134.7 x 75.8 x 100
25	168	336	200	72-33-254	134.7 x 75.8 x 93
			240	72-33-255	134.7 x 75.8 x 100

Quad - Basemount Single Point Connection



HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Dimensions (") L x W x H
	Pump	System (NFPA)			
7.5	52	156	200	72-43-074	110 x 60.5 x 87.5
			240	72-43-075	110 x 60.5 x 100
10	77	231	200	72-43-104	110 x 60.5 x 87.5
			240	72-43-105	110 x 60.5 x 100
15	111	333	200	72-43-154	132 x 75.8 x 93
			240	72-43-155	132 x 75.8 x 100
20	137	411	200	72-43-204	134.7 x 75.8 x 93
			240	72-43-205	134.7 x 75.8 x 100
25	168	504	200	72-43-254	134.7 x 75.8 x 93
			240	72-43-255	134.7 x 75.8 x 100

OPTIONAL EQUIPMENT:

- * Galvanized Receiver
- * Non-HMI

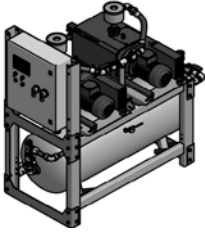
NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

MEDICAL VACUUM

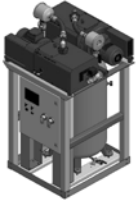
OIL-LESS ROTARY CLAW

MODEL NUMBERS



Duplex - Horizontal Tankmount

HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Specification (Oxygen Safe)	Specification (VFD)	Dimensions (") L x W x H
	Pump	System (NFPA)					
2	16	16	80	74-21-022	74o-21-022		73.4 x 44 x 73
			120	74-21-023	74o-21-023		77.25 x 44 x 73
3	21	21	80	74-21-032	74o-21-032		73.4 x 44 x 73
			120	74-21-033	74o-21-033		77.25 x 44 x 73
4	29	29	80	74-21-042	74o-21-042	74v-21-042	73.4 x 44 x 73
			120	74-21-043	74o-21-043	74v-21-043	77.25 x 44 x 73
5.4	38	38	80	74-21-052	74o-21-052	74v-21-052	73.4 x 44 x 73
			120	74-21-053	74o-21-053	74v-21-053	77.25 x 44 x 73



All Dimensions shown are for the Standard & O2 Safe equipment. The VFD equipment will have a larger footprint.

Duplex - Vertical Tankmount

HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Specification (Oxygen Safe)	Specification (VFD)	Dimensions (") L x W x H
	Pump	System (NFPA)					
2	16	16	80	74-22-022	74o-22-022		47.25 x 41.25 x 78
3	21	21	80	74-22-032	74o-22-032		47.25 x 41.25 x 78
4	29	29	80	74-22-042	74o-22-042	74v-22-042	47.25 x 41.25 x 78
5.4	38	38	80	74-22-052	74o-22-052	74v-22-052	47.25 x 41.25 x 78

OPTIONAL EQUIPMENT:

- * Galvanized Receiver
- * Non-HMI
- * VFD
- * Oxygen Safe

NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

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MEDICAL VACUUM

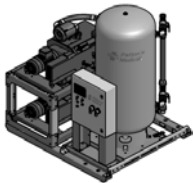
OIL-LESS ROTARY CLAW

MODEL NUMBERS



Duplex - Space Saver

HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Specification (Oxygen Safe)	Specification (VFD)	Dimensions ("") L x W x H
	Pump	System (NFPA)					
2	16	16	60	74-25-026	74o-25-026		66.5 x 34 x 79
3	21	21	60	74-25-036	74o-25-036		66.5 x 34 x 79
4	29	29	60	74-25-046	74o-25-046	74v-25-046	66.5 x 34 x 79
5.4	38	38	60	74-25-056	74o-25-056	74v-25-056	66.5 x 34 x 79
6.4	52	52	60	74-25-066	74o-25-066	74v-25-066	66.5 x 34 x 79
7.5	65	65	60	74-25-076	74o-25-076	74v-25-076	66.5 x 34 x 79
8.7	77	77	60	74-25-086	74o-25-086	74v-25-086	66.5 x 34 x 79
10	87	87	60	74-25-106	74o-25-106	74v-25-106	66.5 x 34 x 79



All Dimensions shown are for the Standard & O2 Safe equipment. The VFD equipment will have a larger footprint.

Duplex - Basemount Single Point Connection

HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Specification (Oxygen Safe)	Specification (VFD)	Dimensions ("") L x W x H
	Pump	System (NFPA)					
5.4	38	38	120	74-23-053	74o-23-053	74v-23-053	71 x 60.5 x 83.25
			200	74-23-054	74o-23-054	74v-23-054	71 x 60.5 x 88
7.5	65	65	120	74-23-073	74o-23-073	74v-23-073	71 x 60.5 x 83.25
			200	74-23-074	74o-23-074	74v-23-074	71 x 60.5 x 88
8.7	77	77	120	74-23-083	74o-23-083	74v-23-083	71 x 60.5 x 83.25
			200	74-23-084	74o-23-084	74v-23-084	71 x 60.5 x 88
10	87	87	120	74-23-103	74o-23-103	74v-23-103	71 x 60.5 x 83.25
			200	74-23-104	74o-23-104	74v-23-104	71 x 60.5 x 88
15	129	129	200	74-23-154	74o-23-154	74v-23-154	71 x 60.5 x 88
			240	74-23-155	74o-23-155	74v-23-155	71 x 60.5 x 100

OPTIONAL EQUIPMENT:

- * Galvanized Receiver
- * Non-HMI
- * VFD
- * Oxygen Safe

NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

MEDICAL VACUUM

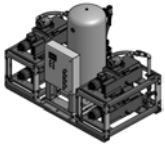
OIL-LESS ROTARY CLAW

MODEL NUMBERS



Triplex - Basemount Single Point Connection

HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Specification (Oxygen Safe)	Specification (VFD)	Dimensions (") L x W x H
	Pump	System (NFPA)					
5.4	38	76	120	74-33-053	74o-33-053	74v-33-053	71 x 60.5 x 89.25
			200	74-33-054	74o-33-054	74v-33-054	71 x 60.5 x 89.25
6.4	52	104	200	74-33-064	74o-33-064	74v-33-064	71 x 60.5 x 92.5
			240	74-33-065	74o-33-065	74v-33-065	71 x 60.5 x 100
7.5	65	130	200	74-33-074	74o-33-074	74v-33-074	71 x 60.5 x 92.5
			240	74-33-075	74o-33-075	74v-33-075	71 x 60.5 x 100
8.7	77	154	200	74-33-084	74o-33-084	74v-33-084	71 x 60.5 x 92.5
			240	74-33-085	74o-33-085	74v-33-085	71 x 60.5 x 100
10	87	174	200	74-33-104	74o-33-104	74v-33-104	71 x 60.5 x 92.5
			240	74-33-105	74o-33-105	74v-33-105	71 x 60.5 x 100
15	129	258	200	74-33-154	74o-33-154	74v-33-154	110 x 69 x 88
			240	74-33-155	74o-33-155	74v-33-155	110 x 69 x 100



All Dimensions shown are for the Standard & O2 Safe equipment. The VFD equipment will have a larger footprint.

Quad - Basemount Single Point Connection

HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Specification (Oxygen Safe)	Specification (VFD)	Dimensions (") L x W x H
	Pump	System (NFPA)					
7.5	65	195	200	74-43-074	74o-43-074	74v-43-074	110 x 69 x 88
			240	74-43-075	74o-43-075	74v-43-075	110 x 69 x 100
8.7	77	231	200	74-43-084	74o-43-084	74v-43-084	110 x 69 x 88
			240	74-43-085	74o-43-085	74v-43-085	110 x 69 x 100
10	87	261	200	74-43-104	74o-43-104	74v-43-104	110 x 69 x 88
			240	74-43-105	74o-43-105	74v-43-105	110 x 69 x 100
15	129	387	200	74-43-154	74o-43-154	74v-43-154	110 x 69 x 88
			240	74-43-155	74o-43-155	74v-43-155	110 x 69 x 100

OPTIONAL EQUIPMENT:

- * Galvanized Receiver
- * Non-HMI
- * VFD
- * Oxygen Safe

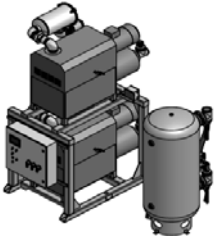
NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

MEDICAL VACUUM

OIL-LESS ROTARY CLAW

MODEL NUMBERS

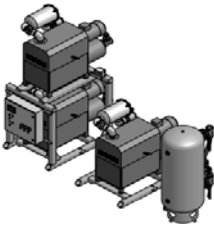


Duplex- Modular

HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Specification (VFD)
	Pump	System (NFPA)			
30	220	220	200	74-24-304	74v-24-304
			240	74-24-305	74v-24-305
			400	74-24-307	74v-24-307

Add
Voltage
Required:

208 - **A**
230 - **B**
460 - **C**

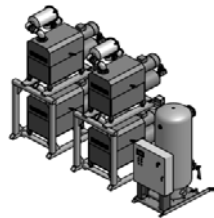


Triplex - Modular

HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Specification (VFD)
	Pump	System (NFPA)			
30	220	440	200	74-34-304	74v-34-304
			240	74-34-305	74v-34-305
			400	74-34-307	74v-34-307

Add
Voltage
Required:

208 - **A**
230 - **B**
460 - **C**



Quad - Modular

HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Specification (VFD)
	Pump	System (NFPA)			
30	220	660	200	74-44-304	74v-44-304
			240	74-44-305	74v-44-305
			400	74-44-307	74v-44-307

Add
Voltage
Required:

208 - **A**
230 - **B**
460 - **C**

Pentaplex - Modular

HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Specification (VFD)
	Pump	System (NFPA)			
30	220	880	200	74-54-304	74v-54-304
			240	74-54-305	74v-54-305
			400	74-54-307	74v-54-307

Add
Voltage
Required:

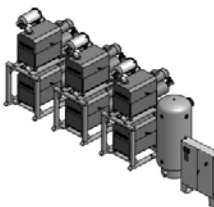
208 - **A**
230 - **B**
460 - **C**

Hexaplex - Modular

HP	Capacity (SCFM) @ 19" Hg		Receiver (Gal)	Specification	Specification (VFD)
	Pump	System (NFPA)			
30	220	1100	200	74-64-304	74v-64-304
			240	74-64-305	74v-64-305
			400	74-64-307	74v-64-307

Add
Voltage
Required:

208 - **A**
230 - **B**
460 - **C**



OPTIONAL EQUIPMENT:

- * Galvanized Receiver
- * Non-HMI
- * VFD

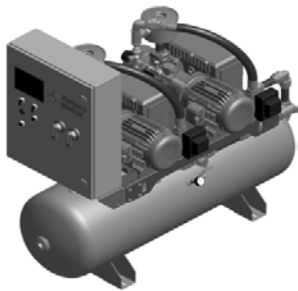
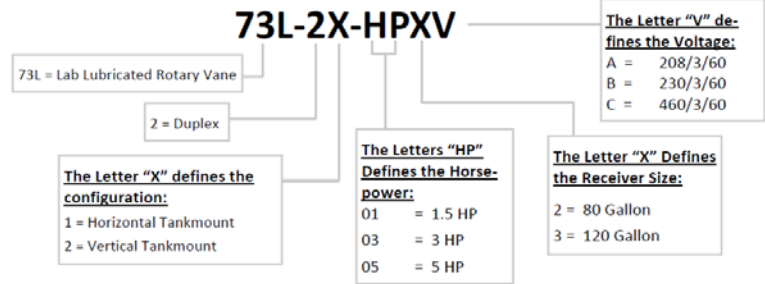
NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

LABORATORY VACUUM

LUBRICATED ROTARY VANE

MODEL NUMBERS



Duplex - Horizontal Tankmount

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Dimensions (") L x W x H
	@ 19" Hg	@ 20" Hg			
1.5	14	13	80	73L-21-012	68.5 x 32 x 59.5
			120	73L-21-013	76 x 32 x 63.5
2	22	20	80	73L-21-022	68.5 x 32 x 59.5
			120	73L-21-023	76 x 32 x 63.5
3	34	31	80	73L-21-032	68.5 x 32 x 59.5
			120	73L-21-033	76 x 32 x 63.5
5	52	47	80	73L-21-052	68.5 x 32 x 59.5
			120	73L-21-053	76 x 32 x 63.5

All Systems have an Automatic Purge System and capacities are shown with all pumps running.

Duplex - Vertical Tankmount

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Dimensions (") L x W x H
	@ 19" Hg	@ 20" Hg			
1.5	14	13	80	73L-22-012	49.7 x 27.5 x 73
			120	73L-22-013	52 x 34.7 x 77.5
2	22	20	80	73L-22-022	49.7 x 27.5 x 73
			120	73L-22-023	52 x 34.7 x 77.5
3	34	31	80	73L-22-032	49.7 x 30 x 74
			120	73L-22-033	53.25 x 30 x 78
5	52	47	80	73L-22-052	49.7 x 33.25 x 74
			120	73L-22-053	52 x 35 x 81

All Systems have an Automatic Purge System and capacities are shown with all pumps running.

OPTIONAL EQUIPMENT:

* Galvanized Receiver

NOTE: Systems are designed for an output of 19" Hg. For SCFM @ 25" Hg, please consult factory.

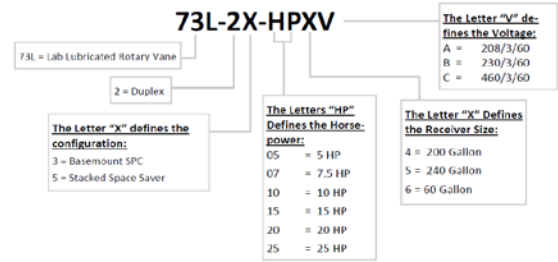
NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

LABORATORY VACUUM

LUBRICATED ROTARY VANE

MODEL NUMBERS



Duplex - Space Saver

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Dimensions (") L x W x H
	@ 19" Hg	@ 20" Hg			
5	52	47	60	73L-25-056	66 x 33.9 x 79
7.5	104	94	60	73L-25-076	66 x 33.9 x 79
10	154	140	60	73L-25-106	66 x 33.9 x 79

NOTE: Space Savers are only available in the above model numbers.

All Systems have an Automatic Purge System and capacities are shown with all pumps running.

Duplex - Basemount Single Point Connection

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Dimensions (") L x W x H
	@ 19" Hg	@ 20" Hg			
7.5	104	94	200	73L-23-074	71 x 60.5 x 88
			240	73L-23-075	71 x 60.5 x 100
10	154	140	200	73L-23-104	71 x 60.5 x 88
			240	73L-23-105	71 x 60.5 x 100
15	222	202	200	73L-23-154	84 x 75 x 93
			240	73L-23-155	84 x 75 x 100
20	274	249	200	73L-23-204	85.4 x 75 x 93
			240	73L-23-205	85.4 x 75 x 100
25	336	305	200	73L-23-254	85.4 x 75 x 93
			240	73L-23-255	85.4 x 75 x 100

All Systems have an Automatic Purge System and capacities are shown with all pumps running.

OPTIONAL EQUIPMENT:

* Galvanized Receiver

NOTE: Systems are designed for an output of 19" Hg. For SCFM @ 25" Hg, please consult factory.

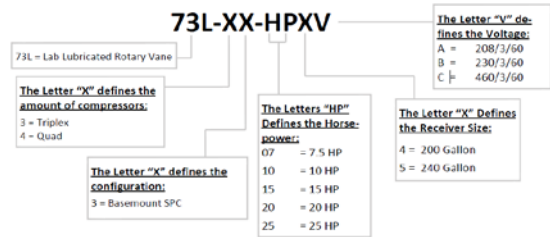
NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

LABORATORY VACUUM

LUBRICATED ROTARY VANE

MODEL NUMBERS



Triplex - Basemount Single Point Connection

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Dimensions (") L x W x H
	@ 19" Hg	@ 20" Hg			
7.5	156	142	200	73L-33-074	71 x 60.5 x 93
			240	73L-33-075	71 x 60.5 x 100
10	231	210	200	73L-33-104	71 x 60.5 x 93
			240	73L-33-105	71 x 60.5 x 100
15	333	302	200	73L-33-154	132 x 75.8 x 93
			240	73L-33-155	132 x 75.8 x 100
20	411	373	200	73L-33-204	134.7 x 75.8 x 93
			240	73L-33-205	134.7 x 75.8 x 100
25	504	458	200	73L-33-254	134.7 x 75.8 x 93
			240	73L-33-255	134.7 x 75.8 x 100

Quad - Basemount Single Point Connection

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Dimensions (") L x W x H
	@ 19" Hg	@ 20" Hg			
7.5	208	189	200	73L-43-074	110 x 60.5 x 87.5
			240	73L-43-075	110 x 60.5 x 100
10	308	280	200	73L-43-104	110 x 60.5 x 87.5
			240	73L-43-105	110 x 60.5 x 100
15	444	403	200	73L-43-154	132 x 75.8 x 93
			240	73L-43-155	132 x 75.8 x 100
20	548	498	200	73L-43-204	134.7 x 75.8 x 93
			240	73L-43-205	134.7 x 75.8 x 100
25	672	610	200	73L-43-254	134.7 x 75.8 x 93
			240	73L-43-255	134.7 x 75.8 x 100

All Systems have an Automatic Purge System and capacities are shown with all pumps running.

OPTIONAL EQUIPMENT:

* Galvanized Receiver

NOTE: Systems are designed for an output of 19" Hg. For SCFM @ 25" Hg, please consult factory.

NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

LABORATORY VACUUM

OIL-LESS ROTARY CLAW

MODEL NUMBERS



Duplex - Horizontal Tankmount

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Specification (VFD)	Dimensions (") L x W x H
	@ 19" Hg	@ 20" Hg				
2	32	29	80	75L-21-022		73.4 x 44 x 73
			120	75L-21-023		77.25 x 44 x 73
3	42	38	80	75L-21-032		73.4 x 44 x 73
			120	75L-21-033		77.25 x 44 x 73
4	58	53	80	75L-21-042	75Lv-21-042	73.4 x 44 x 73
			120	75L-21-043	75Lv-21-043	77.25 x 44 x 73
5.4	76	69	80	75L-21-052	75Lv-21-052	73.4 x 44 x 73
			120	75L-21-053	75Lv-21-053	77.25 x 44 x 73

All Systems have an Automatic Purge System and capacities are shown with all pumps

Duplex - Vertical Tankmount

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Specification (VFD)	Dimensions (") L x W x H
	@ 19" Hg	@ 20" Hg				
2	32	29	80	75L-22-022		47.25 x 41.25 x 78
3	42	38	80	75L-22-032		47.25 x 41.25 x 78
4	58	53	80	75L-22-042	75Lv-22-042	47.25 x 41.25 x 78
5.4	76	69	80	75L-22-052	75Lv-22-052	47.25 x 41.25 x 78

All Systems have an Automatic Purge System and capacities are shown with all pumps

OPTIONAL EQUIPMENT:

* Galvanized Receiver * VFD

NOTE: Systems are designed for an output of 19" Hg. For SCFM @ 25" Hg, please consult factory.

NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

LABORATORY VACUUM

OIL-LESS ROTARY CLAW

MODEL NUMBERS

Duplex - Space Saver

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Specification (VFD)	Dimensions (") L x W x H
	@ 19" Hg	@ 20" Hg				
2	32	29	60	75L-25-026		66.5 x 34 x 79
3	42	38	60	75L-25-036		66.5 x 34 x 79
4	58	53	60	75L-25-046	75Lv-25-046	66.5 x 34 x 79
5.4	76	69	60	75L-25-056	75Lv-25-056	66.5 x 34 x 79
6.4	104	94	60	75L-25-066	75Lv-25-066	66.5 x 34 x 79
7.5	130	118	60	75L-25-076	75Lv-25-076	66.5 x 34 x 79
8.7	154	140	60	75L-25-086	75Lv-25-086	66.5 x 34 x 79
10	174	158	60	75L-25-106	75Lv-25-106	66.5 x 34 x 79

All Systems have an Automatic Purge System and capacities are shown with all pumps

Duplex - Basemount Single Point Connection

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Specification (VFD)	Dimensions (") L x W x H
	@ 19" Hg	@ 20" Hg				
5.4	76	69	120	75L-23-053	75Lv-23-053	71 x 60.5 x 83.25
			200	75L-23-054	75Lv-23-054	71 x 60.5 x 88
7.5	130	118	120	75L-23-073	75Lv-23-073	71 x 60.5 x 83.25
			200	75L-23-074	75Lv-23-074	71 x 60.5 x 88
8.7	154	140	120	75L-23-083	75Lv-23-083	71 x 60.5 x 83.25
			200	75L-23-084	75Lv-23-084	71 x 60.5 x 88
10	174	158	120	75L-23-103	75Lv-23-103	71 x 60.5 x 83.25
			200	75L-23-104	75Lv-23-104	71 x 60.5 x 88
15	258	234	200	75L-23-154	75Lv-23-154	71 x 60.5 x 88
			240	75L-23-155	75Lv-23-155	71 x 60.5 x 100

All Systems have an Automatic Purge System and capacities are shown with all pumps

OPTIONAL EQUIPMENT:

* Galvanized Receiver

* VFD

NOTE: Systems are designed for an output of 19" Hg. For SCFM @ 25" Hg, please consult factory.

NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

LABORATORY VACUUM

OIL-LESS ROTARY CLAW

MODEL NUMBERS

Triplex - Basemount Single Point Connection

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Specification (VFD)	Dimensions (") L x W x H
	@ 19" Hg	@ 20" Hg				
5.4	114	103	120	75L-33-053	75Lv-33-053	71 x 60.5 x 91.25
			200	75L-33-054	75Lv-33-054	71 x 60.5 x 91.25
6.4	156	142	200	75L-33-064	75Lv-33-064	71 x 60.5 x 94.5
			240	75L-33-065	75Lv-33-065	71 x 60.5 x 100
7.5	195	177	200	75L-33-074	75Lv-33-074	71 x 60.5 x 94.5
			240	75L-33-075	75Lv-33-075	71 x 60.5 x 100
8.7	231	210	200	75L-33-084	75Lv-33-084	71 x 60.5 x 94.5
			240	75L-33-085	75Lv-33-085	71 x 60.5 x 100
10	261	237	200	75L-33-104	75Lv-33-104	71 x 60.5 x 94.5
			240	75L-33-105	75Lv-33-105	71 x 60.5 x 100
15	387	351	200	75L-33-154	75Lv-33-154	110 x 69 x 88
			240	75L-33-155	75Lv-33-155	110 x 69 x 100

All Systems have an Automatic Purge System and capacities are shown with all pumps

Quad - Basemount Single Point Connection

HP	System Capacity (SCFM)		Receiver (Gal)	Specification	Specification (VFD)	Dimensions (") L x W x H
	@ 19" Hg	@ 20" Hg				
7.5	260	236	200	75L-43-074	75Lv-43-074	110 x 69 x 88
			240	75L-43-075	75Lv-43-075	110 x 69 x 100
8.7	308	280	200	75L-43-084	75Lv-43-084	110 x 69 x 88
			240	75L-43-085	75Lv-43-085	110 x 69 x 100
10	348	316	200	75L-43-104	75Lv-43-104	110 x 69 x 88
			240	75L-43-105	75Lv-43-105	110 x 69 x 100
15	516	469	200	75L-43-154	75Lv-43-154	110 x 69 x 88
			240	75L-43-155	75Lv-43-155	110 x 69 x 100

All Systems have an Automatic Purge System and capacities are shown with all pumps

OPTIONAL EQUIPMENT:

* Galvanized Receiver * VFD

NOTE: Systems are designed for an output of 19" Hg. For SCFM @ 25" Hg, please consult factory.

NOTE: Voltage configuration required at the end of the part number. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

DENTAL AIR

OIL-LESS AIR COMPRESSOR

MODEL NUMBERS



84-ACOXXX

The "X" defines the number of Users:

2 = 2 Users
4 = 4 Users
6 = 6 Users

The "X" defines the Configuration:

S = Simplex (1 head)
D = Duplex (2 heads)
T = Triplex (3 heads)

The "X" Defines the Voltage:

1 = 115 Volt
2 = 230 Volt

HP	Max Users	CFM	Receiver (Gal)	Voltage	Specification
1	2	4.8	10	115	84-ACO2S1
			10	230	84-ACO2S2
2	4	9.6	20	230	84-ACO4D2
3	6	14.6	30	230	84-ACO6T2

LUBRICATED AIR COMPRESSOR

MODEL NUMBERS



84-ACLXXX

The "X" defines the number of Users:

2 = 2 Users
4 = 4 Users
6 = 6 Users

The "X" defines the Configuration:

S = Simplex (1 head)
D = Duplex (2 heads)
T = Triplex (3 heads)

The "X" Defines the Voltage:

1 = 115 Volt
2 = 230 Volt

HP	Max Users	CFM	Receiver (Gal)	Voltage	Specification
1	2	4.7	10	115	84-ACL2S1
			10	230	84-ACL2S2
2	4	9.4	20	230	84-ACL4D2
3	6	14.1	30	230	84-ACL6T2

DENTAL AIR

LARGE FACILITY AIR COMPRESSOR

MODEL NUMBERS



84-ACLXXXX

The "XX" defines the number of Users:

10 = 10 Users
15 = 15 Users
20 = 20 Users
30 = 30 Users
40 = 40 Users
60 = 60 Users

The "X" defines the Configuration:

S = Simplex
D = Duplex

The "X" Defines the Voltage:

5 = 230/460

HP	# of Users	No. of Motors x H.P.	Receiver (Gal)	Voltage	Specification
5	10	1 x 5 H.P. (Single Phase)	?	?	84-ACL10S2
5	10	1 x 5 H.P. (3 Phase)	80	230/460	84-ACL10S5
5	20	2 x 5 H.P. (3 Phase)	120	230/460	84-ACL20D5
7.5	15	1 x 7.5 H.P. (3 Phase)	120	230/460	84-ACL15S5
7.5	30	2 x 7.5 H.P. (3 Phase)	200	230/460	84-ACL30D5
10	20	1 x 10 H.P. (3 Phase)	120	230/460	84-ACL20S5
10	40	2 x 10 H.P. (3 Phase)	240	230/460	84-ACL40D5
15	30	1 x 15 H.P. (3 Phase)	120	230/460	84-ACL30S5
15	60	2 x 15 H.P. (3 Phase)	240	230/460	84-ACL60D5

DENTAL VACUUM

ECO DRY-VACUUM

MODEL NUMBERS



85-VPDXXXX

The "XX" defines the number of Users:

2 = 2-3 Users
4 = 4-6 Users
5 = 5-7 Users
10 = 10-14 Users

The "X" defines the Configuration:

S = Simplex (1 Head)
D = Duplex (2 Heads)

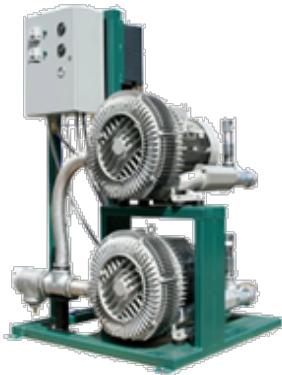
The "X" Defines the Voltage:

2 = 208/230

HP	Max Users	CFM @ 8" Hg	Receiver (Gal)	Voltage	Specification
1	2-3	20	14	208/230	85-VPD2S2
2	4-6	40	14	208/230	85-VPD4D2
2	5-7	45	14	208/230	85-VPD5S2
4	10-14	90	14	208/230	85-VPD10D2

LARGE FACILITY ECO DRY VACUUM

MODEL NUMBERS



85-VPDXXXX

The "XX" defines the number of Users:

10 = 10 Users
15 = 15 Users
20 = 20 Users
30 = 30 Users
40 = 40 Users
60 = 60 Users
80 = 80 Users
120 = 120 Users

The "X" defines the Configuration:

S = Single Motor
D = Dual Motor

The "X" Defines the Phase:

5 = 3 Phase

HP	No. of Users	Description	Motor	Specification
5	10	5 HP, 3 Phase	Single	85-VPD10S5
7.5	15	7.5 HP, 3 Phase	Single	85-VPD15S5
10	20	10 HP, 3 Phase	Single	85-VPD20S5
5	20	2 x 5 HP, 3 Phase	Dual	85-VPD20D5
7.5	30	2 x 7.5 HP, 3 Phase	Dual	85-VPD30D5
10	40	2 x 10 HP, 3 Phase	Dual	85-VPD40D5
15	60	2 x 15 HP, 3 Phase	Dual	85-VPD60D5
20	80	2 x 20 HP, 3 Phase	Dual	85-VPD80D5
30	120	2 x 30 HP, 3 Phase	Dual	85-VPD120D5

DENTAL VACUUM

WHIRLWIND LIQUID RING VACUUM

MODEL NUMBERS



85-VPLXXXXR

The OPTIONAL "R" defines if a water recycler is provided.

The "XX" defines the number of Users:

2 = 2 Users
3 = 3 Users
4 = 4 Users
6 = 6 Users
8 = 8 Users
9 = 9 Users
12 = 12 Users

The "X" defines the Configuration:

S = Simplex
D = Duplex
T = Triplex

The "X" Defines the Voltage:

S = 115/230 V
2 = 208/230 V

HP	No. of Users	Water Recycler	Air Water Separator	Voltage	Specification
1	2	NO	NO	115/230	85-VPL2SS
1	2	YES	NO	115/230	85-VPL2SSR
1.5	3	NO	NO	115/230	85-VPL3SS
1.5	3	YES	NO	115/230	85-VPL3SSR
2	4	NO	NO	208/230	85-VPL4S2
2	4	YES	NO	208/230	85-VPL4S2R
2 x 1 HP	4	NO	NO	208/230	85-VPL4D2
2 x 1 HP	4	YES	YES	208/230	85-VPL4D2R
2 x 1.5 HP	6	NO	YES	208/230	85-VPL6D2
2 x 1.5 HP	6	YES	YES	208/230	85-VPL6D2R
2 x 2 HP	8	NO	YES	208/230	85-VPL8D2
2 x 2 HP	8	YES	YES	208/230	85-VPL8D2R
3 x 1 HP	6	NO	YES	208/230	85-VPL6T2
3 x 1 HP	6	YES	YES	208/230	85-VPL6T2R
3 x 1.5 HP	9	NO	YES	208/230	85-VPL9T2
3 x 1.5 HP	9	YES	YES	208/230	85-VPL9T2R
3 x 2 HP	12	NO	YES	208/230	85-VPL12T2
3 x 2 HP	12	YES	YES	208/230	85-VPL12T2R

DENTAL ACCESSORIES

WATER RECYCLER

MODEL NUMBERS



The water recycler is a simple yet effective way to save as much as 70% of water consumption. It is factory installed on the pump or can be field installed with ease.

85-WRK-100

P-TRAP ADAPTER

MODEL NUMBERS



The P-Trap adapter is designed to be used with all Whirlwind Pump models with exhaust separators. The separator waste connection may be hooked to the P-Trap Adapter without worry of splash of vapor contamination. It includes a 1-1/2" ABS slip connection to P-Trap, a stainless steel bridge assembly with 90 degree PVC elbow and adapters for 3/4" drain flex lines.

85-PTA-100

AIR WATER SEPARATOR W/ VAPOR STOP

MODEL NUMBERS



Air-Water separators are available in single, dual, and triple models. They are designed to separate the liquids entrained in the exhaust. A vapor-stop fitting allows the liquids to create a gas and vapor trap, thereby eliminating odors and contaminants from entering the equipment location. All models include vapor-stop, hoses, fittings, P-Trap adapter and a mounting bracket.

Single:

85-ES-1

Dual:

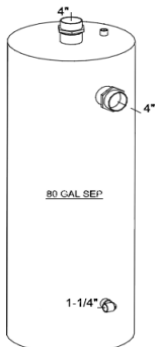
85-ES-2

Triple:

85-ES-3

DENTAL SEPARATOR TANK

MODEL NUMBERS



80 Gallon Stainless Steel separator tank with float protection. The separator tank has an auto wash down system, which flushes the tank out daily for 10 minutes.

85-ST580-100

DENTAL ACCESSORIES

AMALGAM SEPARATOR

MODEL NUMBERS



Standard Amalgam Separator

Accommodates up to 10 Users

13-15-001

Amalgam separators are devices designed to remove a mixture of waste particles from dental office wastewater. Without an amalgam separator, these particles can be suctioned into the dental unit vacuum line and discharge into the public sewer system.



High-Volume Amalgam Separator

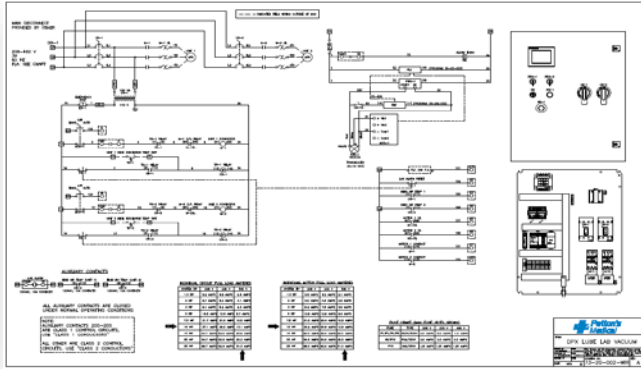
Accommodates up to 20 Users

13-15-003

CONTROL PANELS

RETRO-FIT PANELS

MODEL NUMBERS



Oil-less Reciprocating Air Panel - W/ SIGNAL 1

HP	Description	Specification		
		DPX	TPX	QPX
1	W/ SIGNAL 1	52-11-001D?	52-11-001T?	52-11-001Q?
2	W/ SIGNAL 1	52-11-002D?	52-11-002T?	52-11-002Q?
3	W/ SIGNAL 1	52-11-003D?	52-11-003T?	52-11-003Q?
5	W/ SIGNAL 1	52-11-005D?	52-11-005T?	52-11-005Q?
7.5	W/ SIGNAL 1	52-11-007D?	52-11-007T?	52-11-007Q?
10	W/ SIGNAL 1	52-11-010D?	52-11-010T?	52-11-010Q?
15	W/ SIGNAL 1	52-11-015D?	52-11-015T?	52-11-015Q?
20	W/ SIGNAL 1	52-11-020D?	52-11-020T?	52-11-020Q?

**Add
Voltage
Required:**

208 - **A**

230 - **B**

460 - **C**

Oil-less Scroll Air Panel - W/ SIGNAL 1

HP	Description	Specification		
		DPX	TPX	QPX
2	W/ SIGNAL 1	52-11-102D?	52-11-102T?	52-11-102Q?
3	W/ SIGNAL 1	52-11-103D?	52-11-103T?	52-11-103Q?
5	W/ SIGNAL 1	52-11-105D?	52-11-105T?	52-11-105Q?
7.5	W/ SIGNAL 1	52-11-107D?	52-11-107T?	52-11-107Q?
10	W/ SIGNAL 1	52-11-110D?	52-11-110T?	52-11-110Q?
15	W/ SIGNAL 1	52-11-115D?	52-11-115T?	52-11-115Q?
20	W/ SIGNAL 1	52-11-120D?	52-11-120T?	52-11-120Q?

**Add
Voltage
Required:**

208 - **A**

230 - **B**

460 - **C**

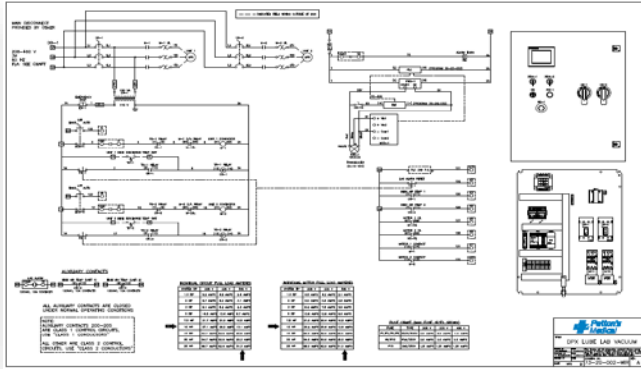
NOTE: Voltage configuration required where ? is located. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

CONTROL PANELS

RETRO-FIT PANELS

MODEL NUMBERS



Lubricated Rotary Vane Vacuum Panel - W/ SIGNAL 1

HP	Description	Specification		
		DPX	TPX	QPX
2	W/ SIGNAL 1	53-11-002D?	53-11-002T?	53-11-002Q?
3	W/ SIGNAL 1	53-11-003D?	53-11-003T?	53-11-003Q?
5	W/ SIGNAL 1	53-11-005D?	53-11-005T?	53-11-005Q?
7.5	W/ SIGNAL 1	53-11-007D?	53-11-007T?	53-11-007Q?
10	W/ SIGNAL 1	53-11-010D?	53-11-010T?	53-11-010Q?
15	W/ SIGNAL 1	53-11-015D?	53-11-015T?	53-11-015Q?
20	W/ SIGNAL 1	53-11-020D?	53-11-020T?	53-11-020Q?
25	W/ SIGNAL 1	53-11-025D?	53-11-025T?	53-11-025Q?

**Add
Voltage
Required:**

208 - **A**

230 - **B**

460 - **C**

Lubricated Rotary Vane Vacuum Panel - W/O SIGNAL 1

HP	Description	Specification		
		DPX	TPX	QPX
2	W/O SIGNAL 1	53-11-002D?-001	53-11-002T?-001	53-11-002Q?-001
3	W/O SIGNAL 1	53-11-003D?-002	53-11-003T?-001	53-11-003Q?-001
5	W/O SIGNAL 1	53-11-005D?-001	53-11-005T?-001	53-11-005Q?-001
7.5	W/O SIGNAL 1	53-11-007D?-001	53-11-007T?-001	53-11-007Q?-001
10	W/O SIGNAL 1	53-11-010D?-001	53-11-010T?-001	53-11-010Q?-001
15	W/O SIGNAL 1	53-11-015D?-001	53-11-015T?-001	53-11-015Q?-001
20	W/O SIGNAL 1	53-11-020D?-001	53-11-020T?-001	53-11-020Q?-001
25	W/O SIGNAL 1	53-11-025D?-001	53-11-025T?-001	53-11-025Q?-001

**Add
Voltage
Required:**

208 - **A**

230 - **B**

460 - **C**

NOTE: Voltage configuration required where ? is located. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

CONTROL PANELS

RETRO-FIT PANELS

MODEL NUMBERS

Claw Vacuum Panel - W/ SIGNAL 1

HP	Description	Specification		
		DPX	TPX	QPX
2	W/ SIGNAL 1	53-11-102D?	53-11-102T?	53-11-102Q?
3	W/ SIGNAL 1	53-11-103D?	53-11-103T?	53-11-103Q?
4	W/ SIGNAL 1	53-11-104D?	53-11-104T?	53-11-104Q?
5.4	W/ SIGNAL 1	53-11-105D?	53-11-105T?	53-11-105Q?
6.4	W/ SIGNAL 1	53-11-106D?	53-11-106T?	53-11-106Q?
7.5	W/ SIGNAL 1	53-11-107D?	53-11-107T?	53-11-107Q?
10	W/ SIGNAL 1	53-11-110D?	53-11-110T?	53-11-110Q?
15	W/ SIGNAL 1	53-11-115D?	53-11-115T?	53-11-115Q?

**Add
Voltage
Required:**

208 - **A**

230 - **B**

460 - **C**

Claw Vacuum Panel - W/O SIGNAL 1

HP	Description	Specification		
		DPX	TPX	QPX
2	W/O SIGNAL 1	53-11-102D?-001	53-11-102T?-001	53-11-102Q?-001
3	W/O SIGNAL 1	53-11-103D?-001	53-11-103T?-001	53-11-103Q?-001
4	W/O SIGNAL 1	53-11-104D?-001	53-11-104T?-001	53-11-104Q?-001
5.4	W/O SIGNAL 1	53-11-105D?-001	53-11-105T?-001	53-11-105Q?-002
6.4	W/O SIGNAL 1	53-11-106D?-001	53-11-106T?-001	53-11-106Q?-001
7.5	W/O SIGNAL 1	53-11-107D?-001	53-11-107T?-001	53-11-107Q?-002
10	W/O SIGNAL 1	53-11-110D?-002	53-11-110T?-001	53-11-110Q?-001
15	W/O SIGNAL 1	53-11-115D?-002	53-11-115T?-001	53-11-115Q?-001

**Add
Voltage
Required:**

208 - **A**

230 - **B**

460 - **C**

NOTE: Voltage configuration required where ? is located. 208V = (A), 230V = (B), 460V = (C)

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

CONTROL PANELS

RETRO-FIT PANELS

MODEL NUMBERS

Dry Rotary Vane Vacuum Panel - W/ SIGNAL 1

HP	Description	Specification		
		DPX	TPX	QPX
1	W/ SIGNAL 1	53-11-201D?	53-11-201T?	53-11-201Q?
2	W/ SIGNAL 1	53-11-202D?	53-11-202T?	53-11-202Q?
3	W/ SIGNAL 1	53-11-203D?	53-11-203T?	53-11-203Q?
5	W/ SIGNAL 1	53-11-205D?	53-11-205T?	53-11-205Q?
7.5	W/ SIGNAL 1	53-11-207D?	53-11-207T?	53-11-207Q?
10	W/ SIGNAL 1	53-11-210D?	53-11-210T?	53-11-210Q?

**Add
Voltage
Required:**

208 - **A**

230 - **B**

460 - **C**

Dry Rotary Vane Vacuum Panel - W/O SIGNAL 1

HP	Description	Specification		
		DPX	TPX	QPX
1	W/O SIGNAL 1	53-11-201D?-001	53-11-201T?-001	53-11-201Q?-001
2	W/O SIGNAL 1	53-11-202D?-001	53-11-202T?-001	53-11-202Q?-001
3	W/O SIGNAL 1	53-11-203D?-001	53-11-203T?-001	53-11-203Q?-001
5	W/O SIGNAL 1	53-11-205D?-001	53-11-205T?-001	53-11-205Q?-001
7.5	W/O SIGNAL 1	53-11-207D?-001	53-11-207T?-001	53-11-207Q?-001
10	W/O SIGNAL 1	53-11-210D?-001	53-11-210T?-001	53-11-210Q?-001

**Add
Voltage
Required:**

208 - **A**

230 - **B**

460 - **C**

NOTE: Voltage configuration required where ? is located. 208V = (A), 230V = (B), 460V = (C)

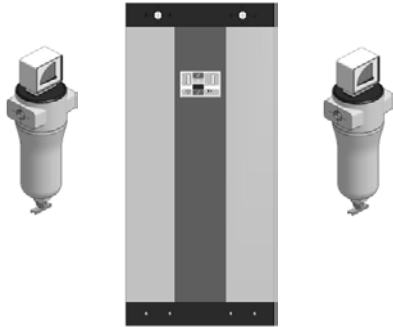
* Please contact your Local Sales Rep for Special Applications including Optional Equipment

SOURCE ACCESSORIES

AIR DRYERS

MODEL NUMBERS

07-50-XXX



The "XXX" defines the SCFM:

004 = 4 SCFM	065 = 65 SCFM
006 = 6 SCFM	085 = 85 SCFM
008 = 8 SCFM	105 = 105 SCFM
010 = 10 SCFM	135 = 135 SCFM
015 = 15 SCFM	175 = 175 SCFM
025 = 25 SCFM	215 = 215 SCFM
035 = 35 SCFM	275 = 275 SCFM
045 = 45 SCFM	365 = 365 SCFM
055 = 55 SCFM	

Simplex- Desiccant Dryer with Pre/After Filter

Inlet Form (SCFM) @ 100 Psig	Specification
4	07-50-001
6	07-50-002
8	07-50-003
10	07-50-004
15	07-50-005
25	07-50-006
35	07-50-017
45	07-50-007
55	07-50-008
65	07-50-009
85	07-50-010
105	07-50-011
135	07-50-012
175	07-50-013
215	07-50-014
275	07-50-015
365	07-50-016

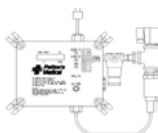
STAND ALONE DEW POINT & CO MONITORS

MODEL NUMBERS



Dewpoint Monitor

[20-02-003](#)



CO Monitor

20-01-002

Dewpoint/CO Monitor

[20-01-005](#)

SOURCE ACCESSORIES

SIMPLEX EXPANSION MODULES - NFPA 99

MODEL NUMBERS

Simplex Reciprocating Air Module

HP	System Capacity (SCFM)		Specification	Dimensions
	50 Psig	110 Psig		
5	19.6	17.3	60-14-050	
7.5	29	26.3	60-14-070	
10	38.7	34.2	60-14-100	
15	58.5	51.3	60-14-150	
20	78.4	66.3	60-14-200	

Simplex Scroll Air Module

HP	System Capacity (SCFM)		Specification	Dimensions
	50 Psig	110 Psig		
5	17.2	16	62-14-050	
7.5	25.2	24	62-14-070	
10	34.8	32	62-14-100	
15	50.4	48	62-14-150	
20	69.6	64	62-14-200	

Simplex Dry Rotary Vane Vac Module

HP	System Capacity (SCFM)	Specification	Dimensions
	@ 19" Hg		
5	22.1	70-14-050	
7.5	30.4	70-14-070	
10	55	70-14-100	

Simplex Lubricated Rotary Vane Vac Module

HP	System Capacity (SCFM)	Specification	Dimensions
	@ 19" Hg		
5	26	72-14-050	
5	38	72-14-050-001	
7.5	52	72-14-070	
10	77	72-14-100	
15	111	72-14-150	
20	137	72-14-200	
25	168	72-14-250	

Simplex Rotary Claw Vac Module

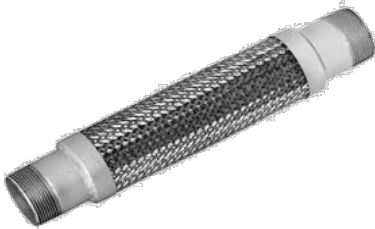
HP	System Capacity (SCFM)	Specification	Dimensions
	@ 19" Hg		
7.5	65	74-14-070	
10	87	74-14-100	
15	129	74-14-150	

SOURCE ACCESSORIES

FLEX HOSES

MODEL NUMBERS

Braided Hoses



<u>Size:</u> (NPT)	<u>Length:</u> Inch	
1/2"	24"	14-06-136
3/4"	24"	14-06-160
1"	24"	14-06-167
1-1/4"	24"	14-06-156
1-1/2"	24"	14-06-129
2"	24"	14-06-111
3"	24"	14-06-113
4"	24"	14-06-164

Non-Braided Hoses

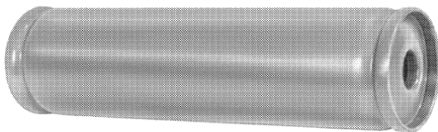


<u>Size:</u> (NPT)	<u>Length:</u> Inch	
3/4"	24"	14-06-224
1"	24"	14-06-223
1-1/4"	24"	14-06-216
1-1/2"	24"	14-06-215
2"	24"	14-06-213
3"	24"	14-06-220
4"	24"	14-06-252

NOTE: Flex Hoses (Braided & Non-Braided) are available in different sizes.
*** Please contact your Local Sales Rep for Special Applications.**

SILENCERS

MODEL NUMBERS



<u>Size:</u> Inch	
1-1/4"	19-03-002
1-1/2"	19-03-001
2"	19-03-003
3"	19-03-004
4"	19-03-005
5"	19-03-006
6"	19-03-007

SOURCE ACCESSORIES

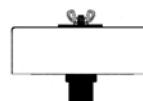
AIR - INLET, PRE & AFTER FILTER ELEMENTS

MODEL NUMBERS

Piped Inlet Filter



Standard Inlet Filter



PATTON'S MEDICAL RECIPROCATING SYSTEMS

	HP	Piped Inlet	Qty.	Standard Inlet	Qty. per pump	Pre-Filter	Qty.	After-Filter	Qty.
Duplex	1 - 2	09-11-001	2	09-11-013	1	09-12-100	2	09-13-100	2
	3 - 5	09-11-001		09-11-013	2				
	7.5	09-11-001		09-11-013	3				
	10	09-11-001		09-11-016	2				
	15	09-11-002		09-11-016	3				
	20	09-11-002		09-11-016	3				
Triplex	7.5	09-11-001	3	09-11-013	3	09-12-100	2	09-13-100	2
	10	09-11-001		09-11-016	2	09-12-100		09-13-100	
	15	09-11-002		09-11-016	3	09-12-101		09-13-101	
	20	09-11-002		09-11-016	3	09-12-102		09-13-102	
Quad	7.5	09-11-001	4	09-11-013	3	09-12-101	2	09-13-101	2
	10	09-11-001		09-11-016	2	09-12-101		09-13-101	
	15	09-11-002		09-11-016	3	09-12-102		09-13-102	
	20	09-11-002		09-11-016	3	09-12-103		09-13-103	

PATTON'S MEDICAL SCROLL SYSTEMS

	HP	Piped Inlet	Qty.	Standard Inlet	Qty. per pump	Pre-Filter	Qty.	After-Filter	Qty.
Simplex	2 - 3	09-11-001	2	09-11-054	1	09-12-100	2	09-13-100	2
	5 - 7.5	09-11-001			2				
Duplex	2 - 3	09-11-001	2		2	09-12-100	2	09-13-100	2
	5 - 7.5	09-11-001			4				
	10	09-11-002			4				
	15	09-11-002			8				
	20	09-11-007			8				
Triplex	10	09-11-002	3		6	09-12-100	2	09-13-100	2
	15	09-11-002			12	09-12-101		09-13-101	
	20	09-11-007			12	09-12-102		09-13-102	
Quad	10	09-11-002	4		8	09-12-101	2	09-13-101	2
	15	09-11-002			16	09-12-102		09-13-102	
	20	09-11-007			16	09-12-102		09-13-102	

NOTE: The above materials are for Patton's Medical Systems only. Please reference the [cross reference guide](#).

* Please contact your Local Sales Rep for Special Applications including Optional Equipment

SOURCE ACCESSORIES

VACUUM INLET, OIL & ESHAUST FILTER ELEMENTS

MODEL NUMBERS

	PATTON'S MEDICAL LUBRICATED ROTARY VANE SYSTEMS								
	HP	Inlet Filter Element	Exhaust Filter Kit	Oil Filter	Qty. per system	Oil (Quart)	Qty.	Oil (Gallon)	Qty.
Duplex	1.5 - 2	09-11-011	45-02-050	09-11-150	2	43-01-001	3	N/A	N/A
	3	09-11-011	45-02-046	09-11-150			5	N/A	N/A
	5 (RC0101)	09-11-006	45-02-046	09-11-150			6	N/A	N/A
	5 (RA0155)	09-11-006	45-02-075	09-11-150					
	7.5 - 10	09-11-007	45-02-051	09-11-151			14	43-01-003	4
	15	09-11-012	45-02-053	09-11-152			28	43-01-003	7
	20 - 25	09-11-012	45-02-053	09-11-152			32	43-01-003	8
Triplex	5 (RC0101)	09-11-006	45-02-046	09-11-150	3	43-01-001	9	43-01-003	3
	5 (RA0155)	09-11-006	45-02-075	09-11-150					
	7.5 - 10	09-11-007	45-02-051	09-11-151			21		6
	15	09-11-012	45-02-053	09-11-152			42		11
	20 - 25	09-11-012	45-02-053	09-11-152			48		12
Quad	5 (RC0101)	09-11-006	45-02-046	09-11-150	4	43-01-001	11	43-01-003	3
	5 (RA0155)	09-11-006	45-02-075	09-11-150					
	7.5 - 10	09-11-007	45-02-051	09-11-151			28		7
	15	09-11-012	45-02-053	09-11-152			56		14
	20 - 25	09-11-012	45-02-053	09-11-152			64		16

	PATTON'S MEDICAL ROTARY CLAW SYSTEMS						
	HP	Inlet Filter Element	Qty. per pump	Standard Oil	Qty. per pump	O2 Safe Oil	Qty. per pump
Duplex	2 - 3	09-11-011	2	43-01-004	2	43-01-017	4
	4 - 5.4	09-11-006					
	6.4 - 10	09-11-007					
	15	09-11-012					
	30	09-11-015			4		8
Triplex	5.4	09-11-006	2	43-01-004	2	43-01-017	4
	6.4 - 10	09-11-007					
	15	09-11-012					
	30	09-11-015			4		8
Quad	5.4	09-11-006	2	43-01-004	2	43-01-017	4
	6.4 - 10	09-11-007					
	15	09-11-012					
	30	09-11-015			4		8

NOTE: The above materials are for Patton's Medical Systems only. Please reference the [cross reference guide](#).

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SOURCE ACCESSORIES

PATTON'S MEDICAL AIR & VACUUM IN-LINE CHECK VALVES & MOTORS

MODEL NUMBERS

CHECK VALVES					
HP	Reciprocating	Scroll	Dry Rotary Vane	Lubricated Rotary Vane	Rotary Claw
1	13-02-001	N/A	13-02-003	13-02-004	13-02-004
2	13-02-001	13-02-008	13-02-003	13-02-004	13-02-004
3	13-02-001	13-02-008	13-02-003	13-02-004	13-02-004
4	N/A	N/A	N/A	N/A	13-02-004
5	13-02-001	13-02-001	13-02-005	13-02-004	13-02-004
6	N/A	N/A	N/A	N/A	13-02-006
7.5	13-02-001	13-02-008	13-02-005	13-02-006	13-02-006
8.7	N/A	N/A	N/A	N/A	13-02-006
10	13-02-001	13-02-001	13-02-006	13-02-006	13-02-006
15	13-02-002	13-02-001	N/A	13-02-007	13-02-007
20	13-02-002	13-02-019	N/A	13-02-007	N/A
25	N/A	N/A	N/A	13-02-007	N/A
30	N/A	N/A	N/A	N/A	13-02-006

RECIPROCATING MOTORS				
HP	Motor	Frame Size	Voltage	RPM
1	03-01-003	143T	208-230/ 460	1800
2	03-02-006	145T	208-230/ 460	1800
3	03-03-006	182T	208-230/ 460	1800
5	03-04-006	184T	208-230/ 460	1800
7.5	03-05-009	213T	208-230/ 460	1800
10	03-06-014	215T	208-230/ 460	1800
15	03-07-015	254T	208-230/ 460	1800
20	03-08-006	256T	208-230/ 460	1800
SCROLL MOTORS				
HP	Motor	Frame Size	Voltage	RPM
2	03-02-007	145T	208-230/ 460	3600
3	03-03-005	145T	208-230/ 460	3600
5	03-04-009	182T	208-230/ 460	3600
7.5	03-05-008	184T	208-230/ 460	3600
10	03-06-016	213T	208-230/ 460	3600
15	03-07-013	215T	208-230/ 460	3600
20	03-08-005	254T	208-230/ 460	3600

NOTE: The above materials are for Patton's Medical Systems only. Please reference the [cross reference guide](#).

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SOURCE ACCESSORIES

REPLACEMENT HITACHI COMPRESSORS/PUMPS - V to G Series

MODEL NUMBERS

Reciprocating bare compressor and compressors w/ conversion

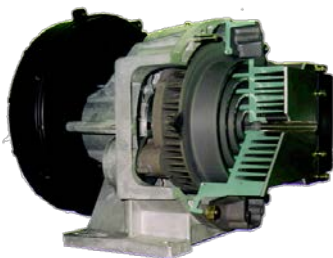
HP	Qty.	w/o Conversion
1	1	01-01-001
2	1	01-01-002
3	1	01-01-003
5	1	01-01-005
7.5	1	01-01-007
10	1	01-01-010
15	1	01-01-015
20	1	01-01-020

HP	Qty.	Conversion
1	1	40-08-001
2	1	40-08-002
3	1	40-08-003
5	1	40-08-004
7.5	1	40-08-005
10	1	40-08-006
15	1	40-08-007
20	1	40-08-008

The above Conversion Kits include the following:

- 1) Manifold
- 2) Sheave
- 3) Busching
- 4) Belt
- 5) Riser

Scroll Compressor w/ NPT Inlet



HP	Qty.	
2	1	01-02-003
3	1	01-02-003
5	1	01-02-005
7.5	1	01-02-005
10	2	01-02-005
10	1	01-02-013
15	2	01-02-005
20	2	01-02-013

NOTE: Pictures are required before replacing the Hitachi compressors/pumps .

SOURCE ACCESSORIES

REPLACEMENT PUMPS		MODEL NUMBERS			
Dry Rotary Vane Pumps	HP	PM Model #'s	Busch Model #'s	PM Model #'s	Becker Model #'s
	1	02-01-003	SV1025C	02-01-024	VT 4.25
	2	02-01-004	SV1040C	02-01-002	VT 4.40
	3	02-01-005	SV1063C	02-01-009	KVT 3.60
	5	02-01-006	SV1100C	02-01-010	KVT 3.100
	7.5	02-01-007	SV1140C	02-01-020	KVT 3.140
	10	N/A	N/A	02-01-008	
Lubricated Rotary Vane Pump	HP	PM Model #'s	Busch Model #'s	PM Model #'s	Rietschle Model #'s
	1.5	02-02-001	RC0025	02-02-046	VCE-25
	2	02-02-002	RC0040	02-02-069	VC-50
	3	02-02-003	RC0063	02-02-047	VC-75
	5 (26 SCFM)	02-02-005	RC0101	02-02-055	VC-100
	5 (38 SCFM)	02-02-061	RA0155A	02-02-072	VC-150
	7.5	02-02-007	RC0205	02-02-038	VC-202
	10	02-02-010	RC0305	02-02-027	VC-303
	15	02-02-015	RC0400	02-02-053	VC-400
	20	02-02-020	RC0502	02-02-044	VC-500
	25	02-02-025	RC0630	02-02-042	VC-700
Rotary Claw Pump	HP	Standard	Busch Model #'s	O2 Safe	Busch Model #'s
	2	02-04-001	MM1104	02-04-014	MM1104
	3	02-04-002	MM1144	02-04-015	MM1144
	4	02-04-003	MM1102	02-04-016	MM1102
	5	02-04-004	MM1142	02-04-017	MM1142
	6.4	02-04-005	MM1202	02-04-018	MM1202
	7.5	02-04-006	MM1252	02-04-019	MM1252
	8.7	02-04-007	MM1322	02-04-020	MM1322
	10	02-04-034	MM1402	N/A	N/A
	15	02-04-052	MM1502	N/A	N/A
	30	02-04-036	MV1202	N/A	N/A
Liquid Ring Pump	HP	PM Model #'s	Airtech		
	1.5	02-03-002	3AL2041-KT		
	3	02-03-003	3AL2061-KT		
	4	02-03-004	3AL2101-KT		
	5	02-03-005	3AL2241-KT		
	7.5	02-03-006	3AL2251-KT		
	10	02-03-007	3AL2281-KT		
	15	02-03-008	3AL2341-KT		
	20	02-03-009	3AL2430-KT		

NOTE: Busch pumps are not interchangeable with Rietschle pumps.

REFERENCE

VACUUM SCFM CHARTS

Lube Vane Vacuum	@ 19" Hg	Speed RPM
1.5 HP	7 SCFM	1750
2 HP	11 SCFM	1750
3 HP	17 SCFM	1750
5 HP (RC0101)	26 SCFM	1750
5 HP (RA0155)	38 SCFM	1750
7.5 HP	52 SCFM	1750
10 HP	77 SCFM	1750
15 HP	111 SCFM	1750
20 HP	137 SCFM	1750
25 HP	168 SCFM	1750

Claw Vacuum	@ 19" Hg	Speed RPM
2 HP	16 SCFM	1800
3 HP	21 SCFM	1800
4 HP	29 SCFM	3600
5.4 HP	38 SCFM	3600
6.4 HP	52 SCFM	3600
7.5 HP	65 SCFM	3600
8.7 HP	77 SCFM	3600
10 HP	87 SCFM	3600
15 HP	129 SCFM	3600
30 HP	220 SCFM	3600

Dry Vacuum	@ 19" Hg	Speed RPM
1.2 HP	5.3 SCFM	1800
2 HP	8.3 SCFM	1800
3 HP	12.5 SCFM	1800
5 HP	22.1 SCFM	1800
7.5 HP	30.4 SCFM	1800
10 HP	55 SCFM	1200

Liquid Ring Vacuum	@ 19" Hg	Speed RPM
1.5 HP	6.6 SCFM	3450
3 HP	12.1 SCFM	3450
4 HP	17.6 SCFM	1750
5.4 HP	26.5 SCFM	1750
7.5 HP	31.6 SCFM	1750
10 HP	53 SCFM	1750
15 HP	69 SCFM	1750
20 HP	95 SCFM	1750

REFERENCE

AIR SCFM CHARTS

Reciprocating Air Compressor	SCFM @ Pressure Shown		Speed RPM
	@ 50 psig	@ 110 psig	
1 HP	4.1	3.3	1750
2 HP	7.5	6.3	1750
3 HP	12.3	10.3	1750
5 HP	19.6	17.3	1750
7.5 HP	29	26.3	1750
10 HP	38.7	34.2	1750
15 HP	58.5	51.3	1750
20 HP	78.4	66.3	1750

Scroll Air Compressor	SCFM @ Pressure Shown		Speed RPM
	@ 50 psig	@ 110 psig	
2 HP	7	6.5	3600
3 HP	10.4	9.6	3600
5 HP	17.2	16	3600
7.5 HP	25.2	24	3600
10 HP	34.8	32	3600
15 HP	50.4	48	3600
20 HP	69.6	64	3600

Instrument Air Compressor	SCFM @ Pressure Shown	Speed RPM
	@ 200 psig	
5 HP	15.6	650
7.5 HP	24.6	800
10 HP	34.4	650
15 HP	44	700



Medical Air Source Sizing

U.S. Typical Method

Medical Vacuum Source Sizing

CGA P-2.1 Method

NFPA 99 Method

Enter the quantity of the units requested:	Counting Units	Use in SCFM	Simul. Use %	Total Usage	Use in SCFM	Simul. Use %	Total Usage	Inlets per AIA	Actual Inlets	Usage Group
Surgical Procedures										
PreOp Holding	Bed(s)	@ 1.5 ea. x 10% =	@ 1 ea. x 10% =		1			1	0	A
Major Invasive	Room(s)	@ 0.5 ea. x 100% =	@ 3.5 ea. x 100% =		3.5			3	0	A
Minor Invasive	Room(s)	@ 0.5 ea. x 75% =	@ 2 ea. x 100% =		2			3	0	A
Trauma and Emergency	Room(s)	@ 0.5 ea. x 25% =	@ 3 ea. x 100% =		3			3	0	A
Catherization & Lab work	Room(s)	@ 0.5 ea. x 25% =	@ 1 ea. x 10% =		1			2	0	B
Endoscopy	Room(s)	@ 1 ea. x 10% =	@ 2 ea. x 100% =		2			3	0	A
Recovery	Bed(s)	@ 2 ea. x 25% =	@ 1.5 ea. x 50% =		1.5			3	0	A
Tests and Outpatient Procedures										
X-ray, CAT, NMR, PET scans	Room(s)	@ 0.5 ea. x 10% =	@ 1.5 ea. x 30% =		1.5			1	0	B
Dialysis	Bed(s)	@ 0.5 ea. x 10% =	@ 1.5 ea. x 30% =		1.5			1	0	B
Exam and Minor Treatment	Room(s)	@ 1 ea. x 10% =	@ 1 ea. x 10% =		1			1	0	B
EEG/EKG	Room(s)	@ 1 ea. x 50% =	@ 1 ea. x 10% =		1			1	0	B
Pulmonary Function	Bed or station	@ 1 ea. x 50% =	@ 1.5 ea. x 30% =		1.5			1	0	B
Respiratory Care	Bed or station	@ 1 ea. x 50% =	@ 1.5 ea. x 30% =		1.5			1	0	A
Observation	Bed or station	@ 1.5 ea. x 10% =	@ 1 ea. x 10% =		1			1	0	B
Perinatal and Pediatric										
Birthing or LDRP	Room(s)	@ 1 ea. x 50% =	@ 1 ea. x 100% =		1			2	0	A
Delivery Room	Room(s)	@ 0.5 ea. x 100% =	@ 1 ea. x 100% =		1			3	0	A
Nursery	Bed(s)	@ 0.5 ea. x 25% =	@ 1 ea. x 10% =		1			1	0	B
NICU	Bed(s)	@ 1.5 ea. x 75% =	@ 1 ea. x 50% =		1			3	0	A
Intensive Care										
Adult ICU, CCU, etc.	Bed(s)	@ 2 ea. x 50% =	@ 2 ea. x 75% =		2			3	0	A
Pediatric ICU (Except NICU)	Bed(s)	@ 2 ea. x 50% =	@ 2 ea. x 75% =		2			3	0	A
Emergency (not surgical)	Bed(s)	@ 2 ea. x 10% =	@ 1 ea. x 100% =		1			1	0	A
Equipment Maintenance										
Workrooms	Station(s)	@ 1.5 ea. x 10% =	@ 1.5 ea. x 10% =		1.5			1	0	B
Laboratory										
Medical Lab Uses	Station(s)	@ 1.5 ea. x 25% =	@ 1.5 ea. x 25% =		1.5			1	0	A
Other										
Patient rooms	Room(s)	@ 0.5 ea. x 10% =	@ 1 ea. x 10% =		1			1	0	B
	@	ea. x =	@	ea. x =						

Overall Base Total 0

Overall Base Total 0

Ventilators										
Ventilator add in	Unit(s)	@ 2 ea. x 50% =	@ 0.5 ea. x 10% =	0				1	0	
WAGD										
WAGD (if dual use)	Room(s)		@ 2 ea. x 100% =	0				1	0	A

Peak Calculated Demand

SCFM (lpm) at 50 psig

SCFM (lpm) at 19 inHg

NOTES



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