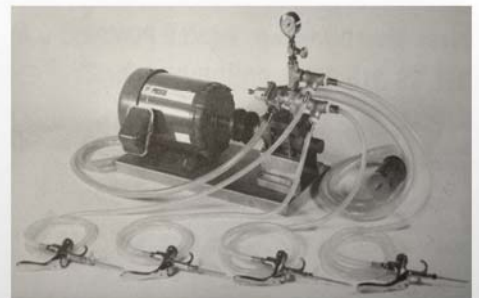


MPBS BRINE PUMP



We provide
technical support and
service for all machines
that we sell.



MPBS
INDUSTRIES

323-268-8514 800-421-6265 323-386-4058 (fax)
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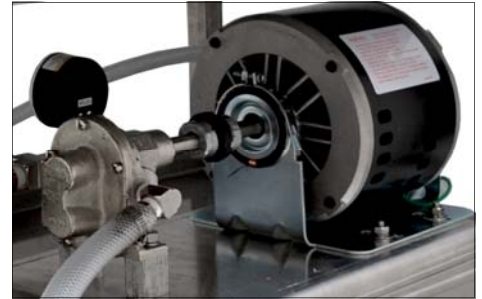
Since 1938

FEATURES AND TECHNICAL SPECIFICATIONS*

MPBS Brine Pumps - BRASS

BP-1

- Maximum operating pressures: Up to 50 PSI
- Capacity: Up to 3½ gallons per minute
- 1/3 HP Split-phase continuous duty motors
- One operator
- Brass pump, pipe, and fittings
- Stainless steel pump shaft;
- Two stainless steel needles - one spray and one artery
- Sturdy hand valve with high capacity stainless steel 200 PSI pressure gauge
- Motor mounted to solid aluminum base with stainless steel bolts
- No pump lubrication required
- Shipping weight: 30 lb



BP-2

- Maximum operating pressures: Up to 80 PSI
- Capacity: Up to 10 gallons per minute
- ¾ HP Capacitor enclosed
- Two operators
- Specially plated brass pump housing and equipment
- Nylon reinforced clear plastic hose with nylon fittings
- Two stainless steel hand valves
- Four stainless steel needles - two spray and two artery
- Shipping weight: 30 lb



* All specifications are subject to change without notice

FEATURES AND TECHNICAL SPECIFICATIONS*

MPBS Brine Pumps - STAINLESS STEEL

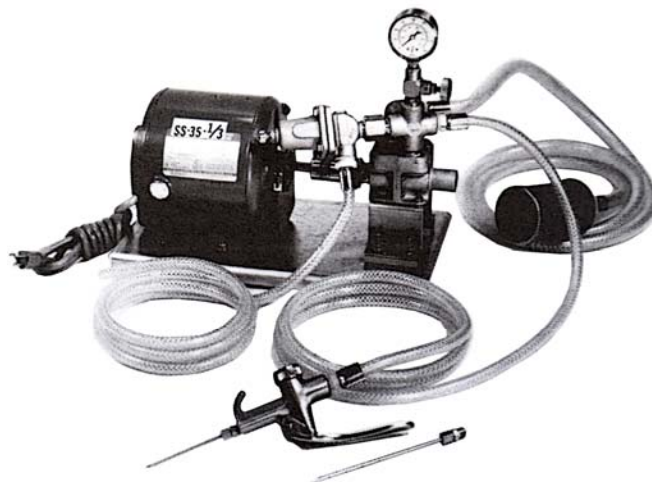
BPST-1

- Maximum operating pressures: Up to 50 PSI
- Capacity: Up to 3½ gallons per minute
- 1/3 HP Split phase continuous duty motors enclosed
- One operator
- Stainless steel pumping unit with impeller type pump
- Continuous duty motor stainless steel sanitary intake filter
- One stainless steel hand valve
- Two stainless steel needles - one spray and one artery
- Exclusive "Diaphragm" stirring valve
- Pressure adjustment by finger tip control
- Options:
 - Larger HP motors
 - Washdown motors



BPST-2

- Maximum operating pressures: Up to 50 PSI
- Capacity: Up to 3½ gallons per minute
- 1/3 HP Split phase continuous duty motors enclosed
- Two operator
- Stainless steel pumping unit with impeller type pump
- Continuous duty motor stainless steel sanitary intake filter
- Two stainless steel hand valve
- Four stainless steel needles - two spray and two artery
- Exclusive "Diaphragm" stirring valve
- Pressure adjustment by finger tip control
- Options:
 - Larger HP motors
 - Washdown motors



* All specifications are subject to change without notice

FEATURES AND TECHNICAL SPECIFICATIONS*

MPBS Brine Pumps - STAINLESS STEEL

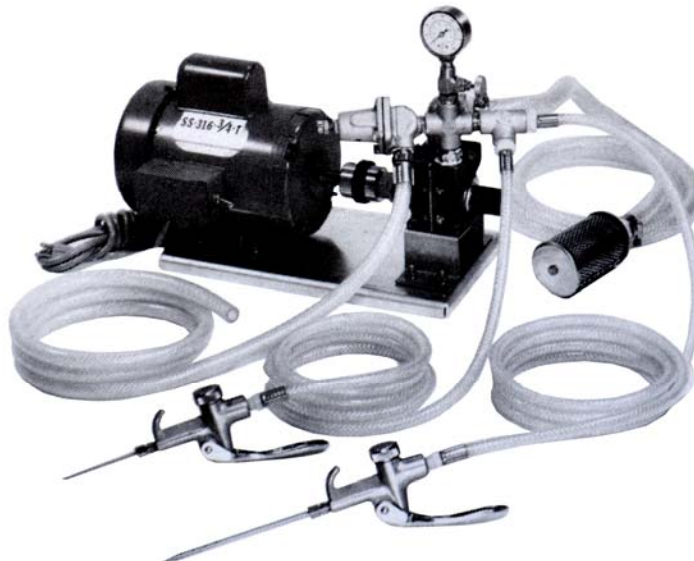
BPS-1

- Maximum operating pressures: Up to 50 PSI
- Capacity: Up to 3½ gallons per minute
- 1/3 HP Split-phase
- One operator
- Stainless steel pumping unit with impeller type pump
- Continuous duty motor stainless steel sanitary intake filter
- One stainless steel hand valve
- Two stainless steel needles - one spray and one artery
- Exclusive "Diaphragm" stirring valve
- Pressure adjustment by finger tip control
- Options:
 - Larger HP motors
 - Washdown motors



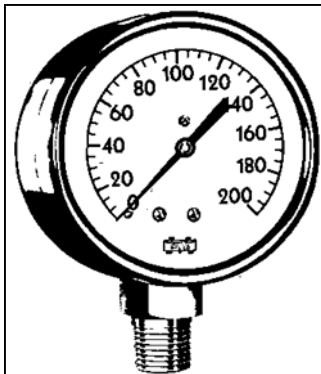
BPSE-2

- Maximum operating pressures: Up to 70 PSI
- Capacity: Up to 10 gallons per minute - pressure from 60 to 100 lb PSI
- 3/4 HP Capacitor enclosed
- Two operators
- Stainless steel pump
- Continuous duty motor stainless steel sanitary intake filter
- Nylon reinforced clear plastic hose with nylon fittings
- Two stainless steel hand valves
- Four stainless steel needles - two spray and two artery
- Exclusive "Diaphragm" stirring valve
- Pressure adjustment by finger tip control



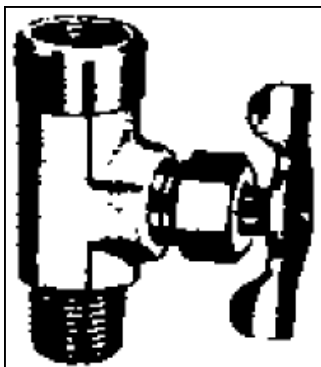
* All specifications are subject to change without notice

MACHINE COMPONENTS - *Accessories*



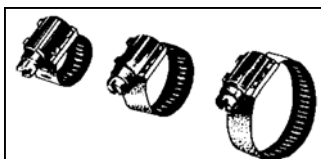
#CH-200

Stainless steel pressure gauge

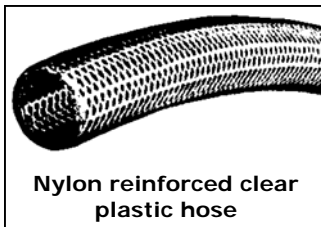


#A-1

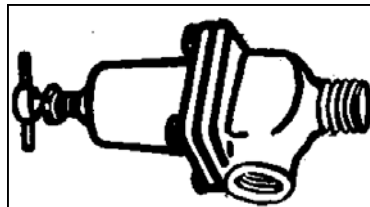
Gauge valve



Stainless steel worm driven hose clamps

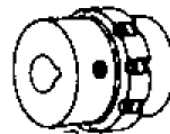


Nylon reinforced clear plastic hose



#SS-SQ-12

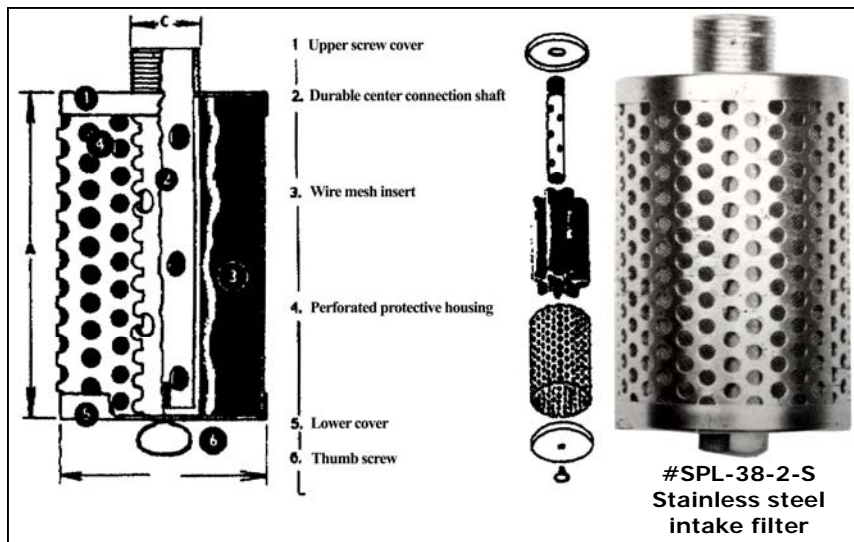
Pressure adjusting and stirring valve



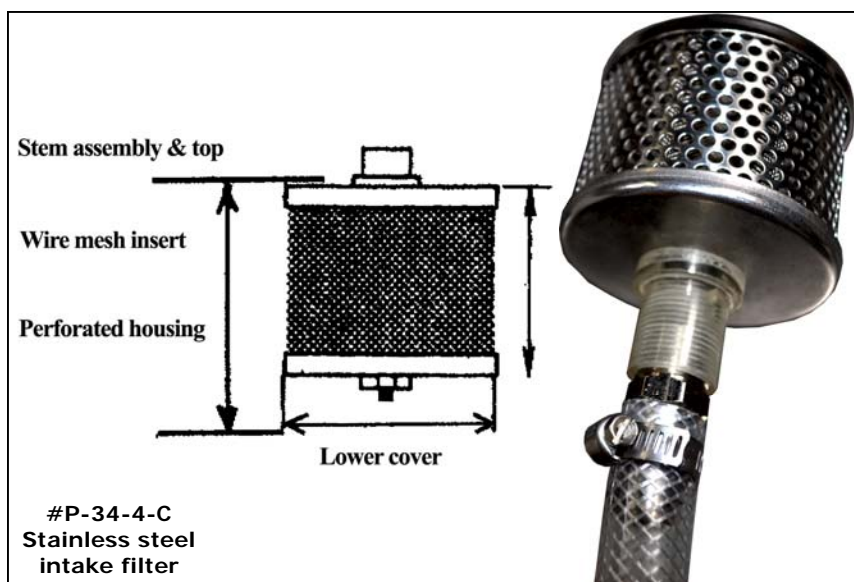
Pump and motor coupling



Spider for coupling only



#SPL-38-2-S
Stainless steel intake filter



#P-34-4-C
Stainless steel intake filter

MACHINE COMPONENTS - *Accessories*



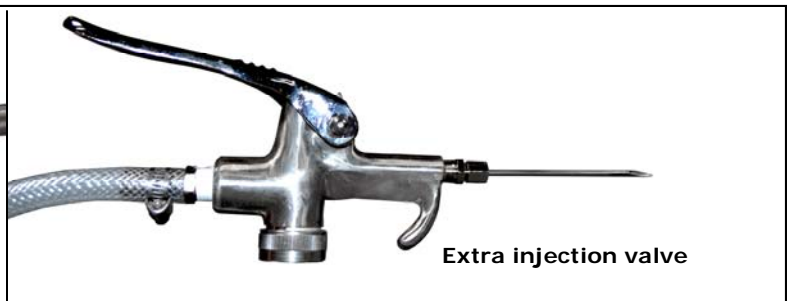
Stainless steel brine table



Latex gloves



Extra needles and holders



Extra injection valve



Recepticle



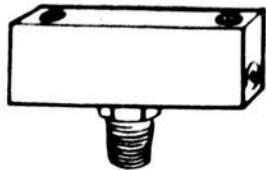
Meat lugs

WARNING: Never operate the pumping unit dry or without the intake filter.

MACHINE COMPONENTS - *Needle Holder*

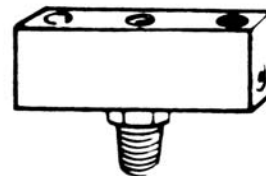
AVAILABLE IN TWO SIZES

2-NH.-1 5/8 | 2-NH.-2 3/4



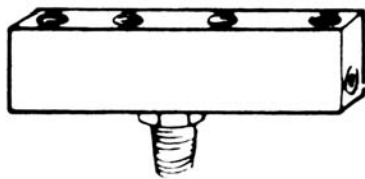
AVAILABLE IN TWO SIZES

3-NH.-1 3/8 | 3-NH.-1 3/4



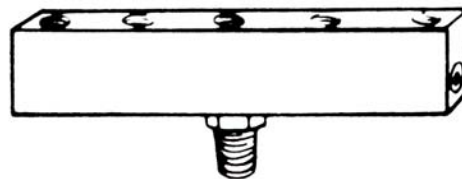
AVAILABLE IN TWO SIZES

4-NH.-7/8 | 4-NH.-1 1/8



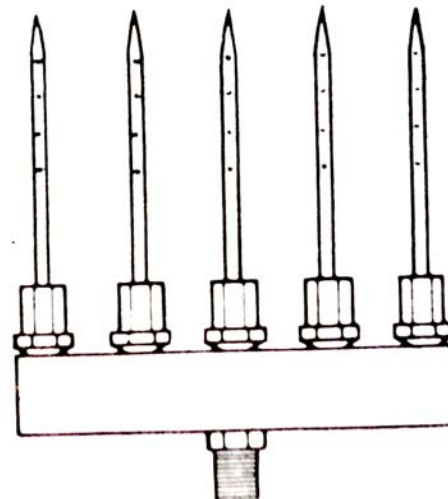
NEEDLE HOLDER

5-NH.-1 1/8



Needle Holders		
Item No.	Description	Size
70656	2 Holes needle holder	2-NH-1 5/8
70657	2 Holes needle holder	2-NH-2 3/4
70658	3 Holes needle holder	3-NH-1 3/8
70659	3 Holes needle holder	3-NH-1 3/4
70660	4 Holes needle holder	4-NH-7/8
70661	4 Holes needle holder	4-NH-1 1/8
70662	5 Holes needle holder	5-NH-7/8
70663	5 Holes needle holder	5-NH-1 1/8

NEEDLE HOLDER ONLY 5-NH.-7/8



MACHINE COMPONENTS - *Needles*

EXTRA LONG SOLID POINTS CAN BE RESHARPENED MANY TIMES

OUR SPRAY NEEDLES WILL OUTLAST ALL ORDINARY TYPES FIVE TO ONE

USE THIS CHART IN CHOOSING THE RIGHT O.D. THICKNESS WHEN ORDERING YOUR NEEDLES

DECIMAL EQUIVALENTS

1/64 .0156	9/64 .1406
1/32 .0312	5/32 .1562
3/64 .0468	11/64 .1718
1/16 .0625	3/16 .1875
5/64 .0781	13/64 .2031
3/32 .0937	7/32 .2187
7/64 .1093	15/64 .2343
1/8 .125	1/4 .25

NOTE CAREFULLY:

1. Nine Thicknesses of Artery Needles.
2. Twelve Sizes of Long Point Spray Needles with Different Sizes and Number of Holes.

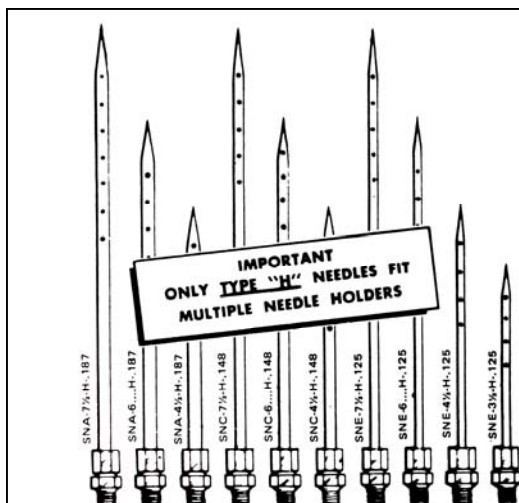
IMPORTANT
ONLY TYPE "V" NEEDLES FIT DIRECTLY INTO HAND VALVES

Long Point Artery Needles
are Hollow-Ground for Sharper Tips

Labels for needles shown: SNA 7 1/2-V-.187, SNA 6-V-.187, SNA 7 1/2-V-.187, SNA 6-V-.187, SNA 4 1/2-V-.187, SNC 7 1/2-V-.148, SNC 6-V-.148, SNC 4 1/2-V-.148, SNE 7 1/2-V-.125, SNE 6-V-.125, SNE 4 1/2-V-.125, SNE 3 1/2-V-.125, ANA 3 1/2-V-.187, ANB 3 1/2-V-.170, ANC 3 1/2-V-.148, AND 3 1/2-V-.134, ANE 3 1/2-V-.125, ANF 3 1/2-V-.109, ANG 3 1/2-V-.095, ANH 3 1/2-V-.083, ANI 3 1/2-V-.072

V - Spray Needles		
Item No.	Description	Size
70670	V - SS spray needle	SNA 7 1/2-V-.187
70670-02	V - SS spray needle	SNA 6-V-.187
70670-03	V - SS spray needle	SNC 6-V-.148
70671	V - SS spray needle	SNE 6-V-.125
70671-02	V - SS spray needle	SNE 7 1/2-V-.125
70672	V - SS spray needle	SNE 4 1/2-V-.125
70673	V - SS spray needle	SNE 3 1/2-V-.125

Artery Needles		
Item No.	Description	Size
70674	Artery needle	ANA 3 1/2-V
70675	Artery needle	ANC 3 1/2-V
70676	Artery needle	ANE 3 1/2-V
70676-02	Artery needle	ANF 3 1/2-V.109
70676-03	Artery needle	ANG 3 1/2-V.095
70676-04	Artery needle	ANH 3 1/2-V-.083
70676-05	Artery needle	ANI 3 1/2-V-.072



H - Spray Needles		
Item No.	Description	Size
70666	H - SS spray needle	SNA 7 1/2-H-.187
70667	H - SS spray needle	SNE 6-H-.125
70667-02	H - SS spray needle	SNA 6-H-.187
70668	H - SS spray needle	SNE 4 1/2-H.125
70669	H - SS spray needle	SNE 3 1/2-H.125

STAINLESS STEEL

ARTERY AND LONG POINT SPRAY NEEDLES

LONG POINT NEEDLE SPRAY - H (ONLY NEEDLES FITTING MULTIPLE NEEDLE HOLDERS)

Model No.	Length	Type	Thickness O.D.	No. of Holes
SNA	7½	H	.187	28
SNA	6	H	.187	16
SNA	4½	H	.187	16
SNC	7½	H	.148	16
SNC	6	H	.148	16
SNC	4½	H	.148	16
SNE	7½	H	.125	16
SNE	6	H	.125	16
SNE	4½	H	.125	16
SNE	3½	H	.125	16

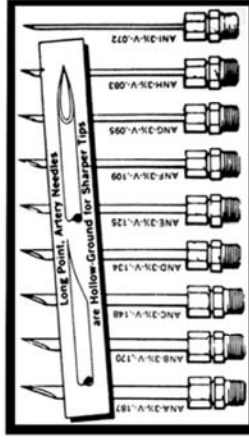
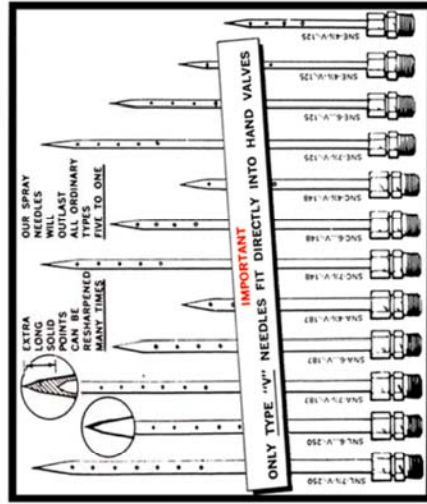
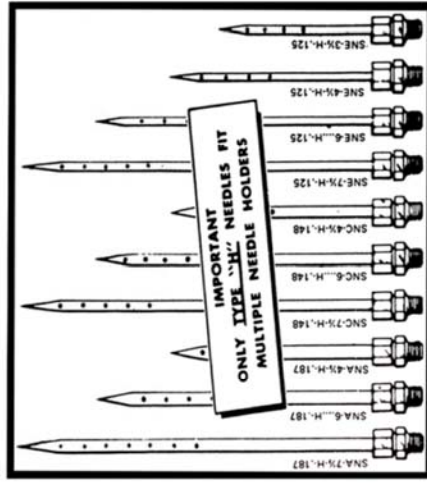
LONG POINT NEEDLE SPRAY - V (ONLY NEEDLES FITTING DIRECTLY INTO HAND VALVES)

SNL	7½	V	.250	28
SNL	6	V	.250	28
SNA	7½	V	.187	28
SNA	6	V	.187	16
SNA	4½	V	.187	16
SNC	7½	V	.148	16
SNC	6	V	.148	16
SNC	4½	V	.148	16
SNE	7½	V	.125	16
SNE	6	V	.125	16
SNE	4½	V	.125	16
SNE	3½	V	.125	16

ARTERY NEEDLES

ANA	3½	V	.187	
ANB	3½	V	.170	
ANC	3½	V	.148	
AND	3½	V	.134	
ANE	3½	V	.125	
ANF	3½	V	.109	
ANG	3½	V	.095	
ANH	3½	V	.083	
ANI	3½	V	.072	

All multiple needle holders accommodate **TYPE H** spray needles.
All specifications are subject to change without notice.



USE THIS CHART IN CHOOSING THE RIGHT O.D. THICKNESS WHEN ORDERING YOUR NEEDLES

DECIMAL EQUIVALENTS	1/64	9/64	1/32	5/32	3/16	1/4
1/64	.0156	.0312	.0625	.125	.1875	.25
1/32	.0312	.0625	.125	.1875	.25	.3125
3/64	.0468	.0937	.1875	.2812	.375	.4687
1/16	.0625	.125	.1875	.25	.3125	.375
5/64	.0781	.1562	.2343	.3125	.3906	.4687
3/32	.0937	.1875	.2812	.375	.4687	.5625
7/64	.1093	.2187	.3125	.4062	.500	.5937
1/8	.125	.25	.375	.500	.625	.75

