

SALVAJOR® Food Waste Disposer 5 HP - Model 500

JOB: _____

Item No.: _____



NEMA 4 Watertight Controls



MSS



MRSS



ARSS-2



ARSS



Optional Line Disconnect (LD) available on MSS, MRSS, & ARSS

SPECIFICATIONS:

CORROSION RESISTANT BODY

Permanent molded from heat treated aluminum alloy.

EXTENDED LIP WATER SEAL

Protects the motor from damage by water.

TAPERED ROLLER BEARING

Provides longer motor life, quiet operation and shock absorbing.

WATER COOLED MOTOR

Provides maximum efficiency and longer life.

QUIET OPERATION

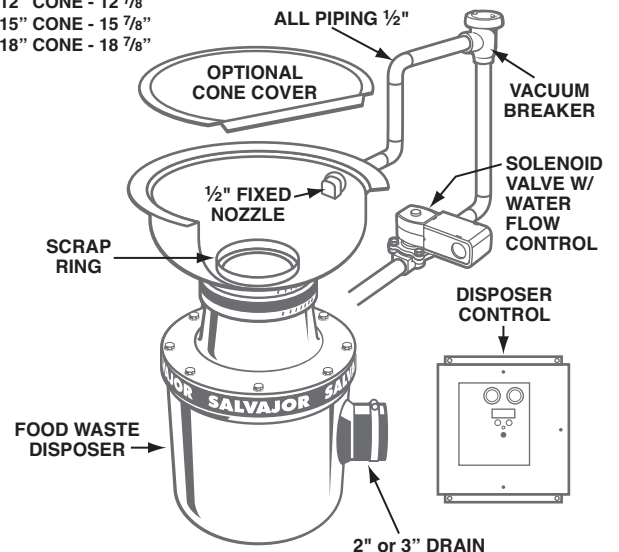
Extra thick rubber mounting adaptor and drain outlet isolates sound and eliminates vibration.

WASTE MIXING CHAMBER

Extra large to ensure proper mixture of water to waste.

Cone Assembly

TABLE CUT-OUT:
12" CONE - 12 7/8"
15" CONE - 15 7/8"
18" CONE - 18 7/8"



NOTE: INSTALL PER ALL APPLICABLE CODES

FULL LOAD AMPS

☐	208 Volts	3 Phase	13.8 Amps
☐	230 Volts	3 Phase	12.5 Amps
☐	460 Volts	3 Phase	6.3 Amps

◆ SPECIFY EXACT OPERATING VOLTAGE ◆

Model 500 Food Waste Disposer

5 HP - 3 Phase

SPECIFICATIONS:

MOUNTING – Rubber adaptor above grind chamber and rubber drain outlet isolates sound and eliminates vibration. No metal to metal contact.

EXTERIOR HOUSING – Permanent molded from heat treated, corrosion resistant aluminum alloy then computer machined to a smooth polished finish. Paint free.

SHREDDER – 9 inch diameter, machined high strength, wear resistant hardened carbide alloy.

ROTOR – 9 inch diameter with 4 cutter bars, machined high strength, wear resistant hardened carbide alloy.

MOTOR – 5 HP totally enclosed. Fan cooled and water cooled for efficiency and longer life. Built-in manual reset thermal overload protection. Available in 208-230/460 volts, 60 cycle, 3 phase.

BEARINGS – Tapered roller (top)
Sealed ball (bottom)

SEAL – Extended Lip Water Seal.

WATER REQUIREMENT – 8 gallons of cold water per minute.

WASTE OUTLET – Rubber drain accepts 2" piping or 3" piping by removing drain insert.

DUAL DIRECTION GRINDING – Designed to operate in either direction. Direction of rotation can be controlled when installed with automatic reversing controls. *Reversing rotation can double cutting teeth life.*

LEG SUPPORT – Single leg, adjustable.

ASSEMBLIES: (See Specification Sheet)

CA – Cone Assembly with 12", 15" or 18" Cone

SA – Sink Assembly with 3½" or 6½" Sink Collar

DISPOSER CONTROLS: (See Specification Sheet)

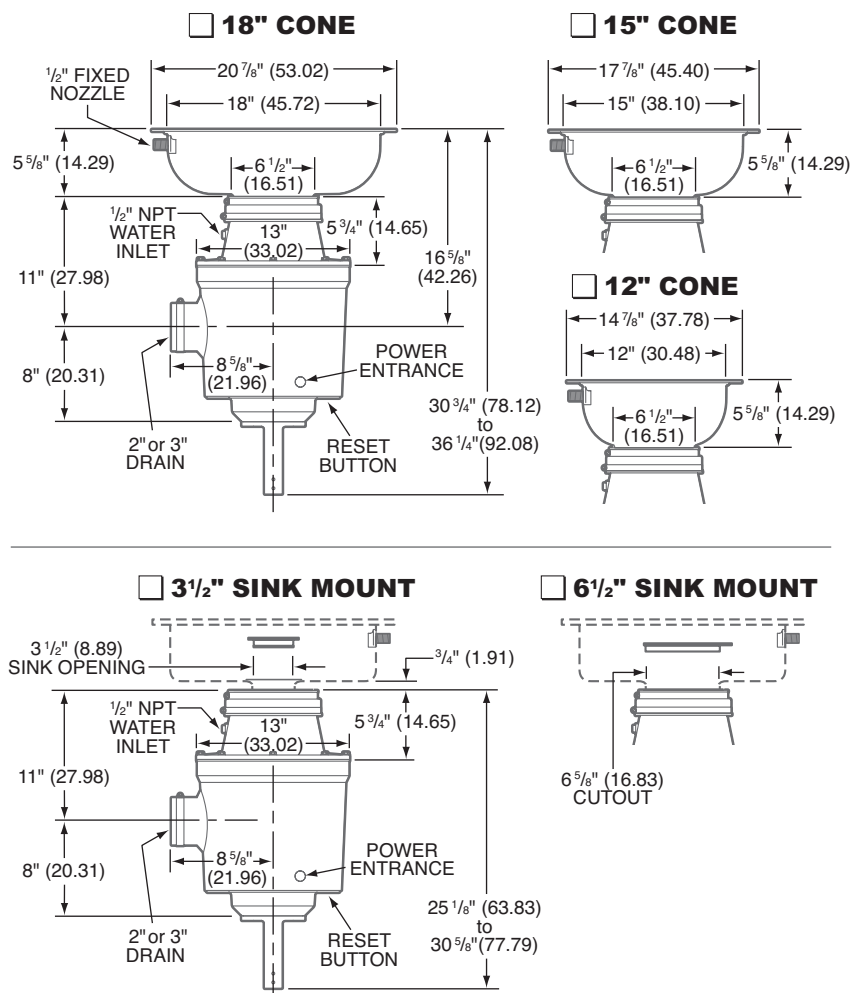
MSS: (Non Reversing)

MRSS: (Manual Reversing)

ARSS-2: (Automatic Reversing)

ARSS: (Automatic Reversing with Water Saver)

DIMENSIONS



NOTE: Dimensions in parenthesis are in centimeters
(Specifications subject to change without notice)
Current specification details may be found online at www.salvajor.com

SAMPLE SPECIFICATION

500-CA-18		ARSS (230/60/3)	
Model	Cone Size	Disposer Control	Electrical Specs.
Assembly			
◆ SPECIFY EXACT OPERATING VOLTAGE ◆			



SALVAJOR

Manufacturers of Commercial Food Waste Solutions - Since 1944

4530 East 75th Terrace Kansas City, MO 64132-2081, USA

816.363.1030 | Toll Free: 1.800.725.8256 | Service: 1.888.725.8256 | Fax: 1.800.832.9373

sales@salvajor.com | service@salvajor.com | www.salvajor.com

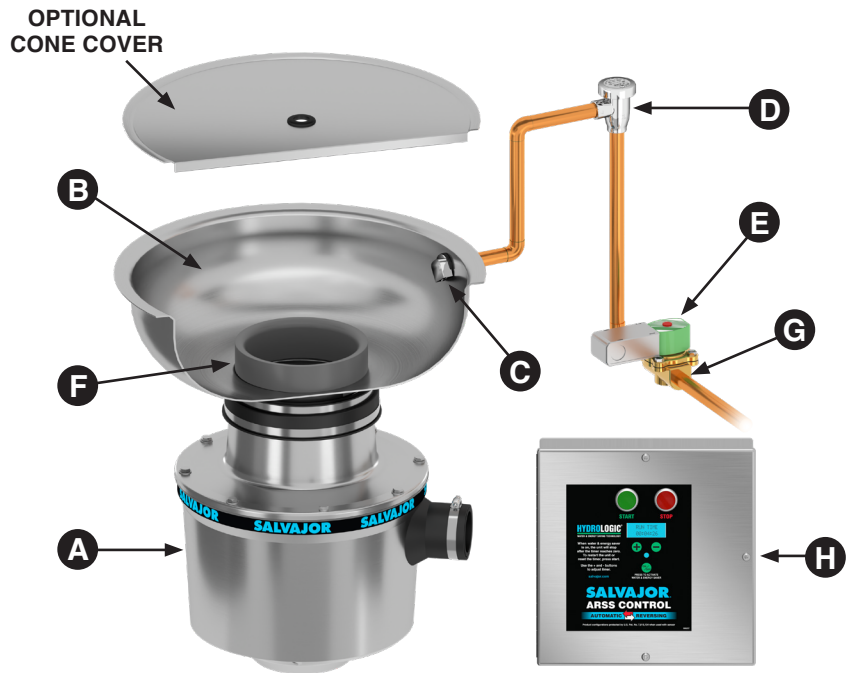
Printed in USA
Form No.S500 (01-26)

SALVAJOR® CA: Cone Assembly

FOR DISPOSER MODELS: 100 - 200 - 300 - 500

EQUIPMENT FURNISHED:

- A** DISPOSER
- B** 12", 15" or 18" CONE
- C** FIXED NOZZLE, 1/2"
- D** VACUUM BREAKER
- E** SOLENOID VALVE, 1/2"
- F** SCRAP RING
- G** FLOW CONTROL
- H** DISPOSER CONTROL



NOTE: INSTALL PER ALL APPLICABLE CODES

SAMPLE SPECIFICATION:

300-CA-18		ARSS (208/60/3)	
Model	Cone Size	Disposer Control	Electrical Specs.
Assembly			

◆ SPECIFY EXACT OPERATING VOLTAGE ◆

(Specifications subject to change without notice)
Current specification details may be found online
at www.salvajor.com



12" CONE
TABLE CUT-OUT - 12 7/8"



15" CONE
TABLE CUT-OUT - 15 7/8"

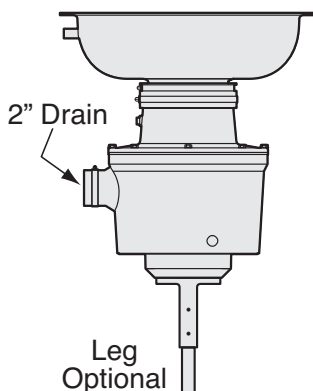


18" CONE
TABLE CUT-OUT - 18 7/8"

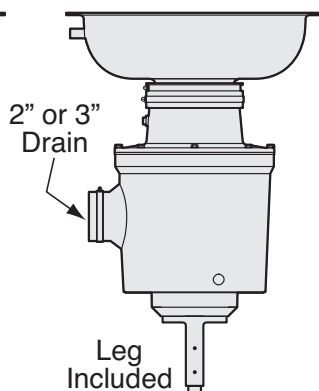


**OPTIONAL
CONE COVER**
12", 15" or 18"

Models 100-200



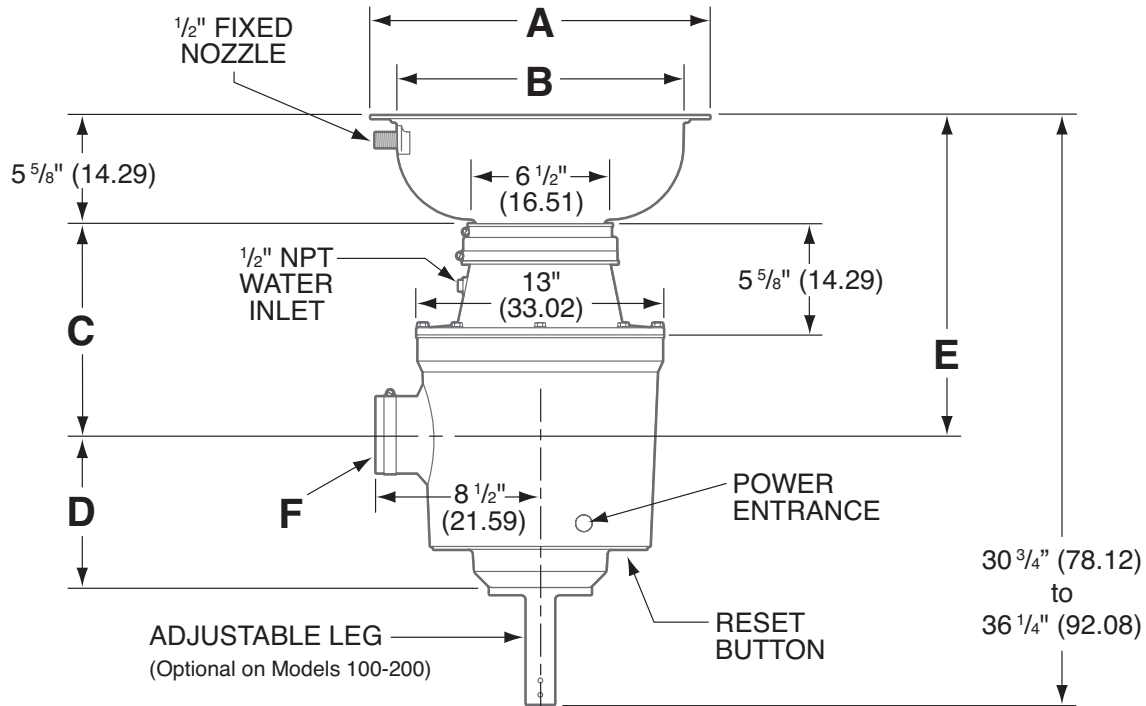
Models 300-500



CA: Cone Assembly

DETAILS AND DIMENSIONS

FOR MODELS: 100 - 200 - 300 - 500



NOTE: Dimensions in parenthesis are in centimeters. Models 300-500 shown, 100-200 similar.

Cone Dimensions			
	12" Cone	15" Cone	18" Cone
A	14-7/8" (37.78)	17-7/8" (45.40)	20-7/8" (53.02)
B	12" (30.48)	15" (38.10)	18" (45.72)

Disposer Dimensions		
	Models 100-200	Models 300-500
C	8-1/2" (21.59)	11" (27.98)
D	7-5/16" (18.57)	8" (20.31)
E	14-1/8" (35.92)	16-5/8" (42.26)
F	2" Drain	2" or 3" Drain

SALVAJOR

Manufacturers of Commercial Food Waste Solutions - Since 1944

4530 East 75th Terrace Kansas City, MO 64132-2081, USA

816.363.1030 | Toll Free: 1.800.725.8256 | Service: 1.888.725.8256 | Fax: 1.800.832.9373

sales@salvajor.com | service@salvajor.com | www.salvajor.com

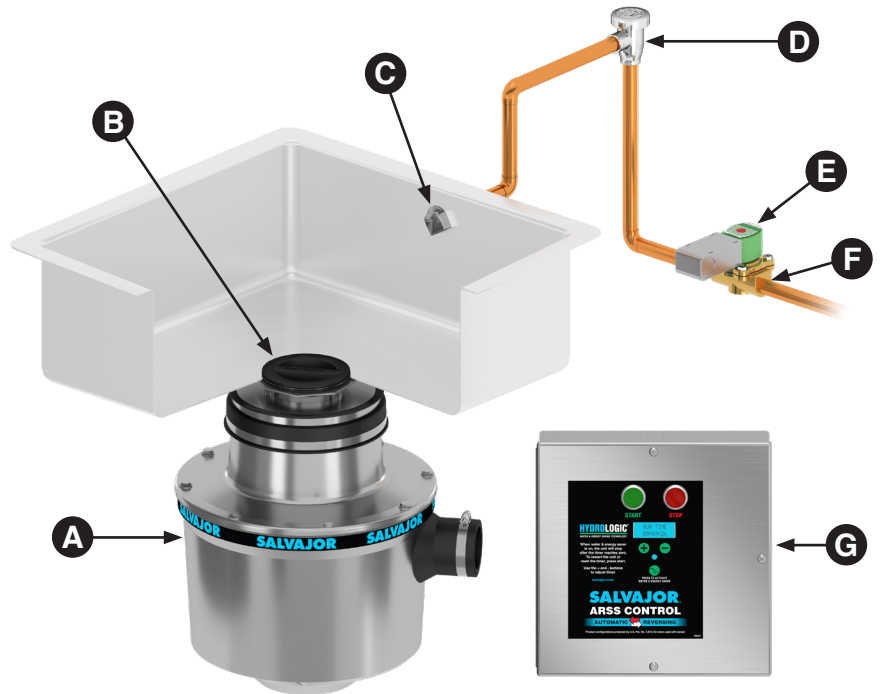
Printed in USA
Form No. CA (01-26)

SALVAJOR® SA: Sink Assembly

FOR DISPOSER MODELS: 100 - 200 - 300 - 500

EQUIPMENT FURNISHED:

- A** DISPOSER
- B** 3 1/2" or 6 1/2" SINK COLLAR ASSEMBLY
- C** FIXED NOZZLE, 1/2"
- D** VACUUM BREAKER
- E** SOLENOID VALVE, 1/2"
- F** FLOW CONTROL
- G** DISPOSER CONTROL



NOTE: INSTALL PER ALL APPLICABLE CODES

SAMPLE SPECIFICATION:

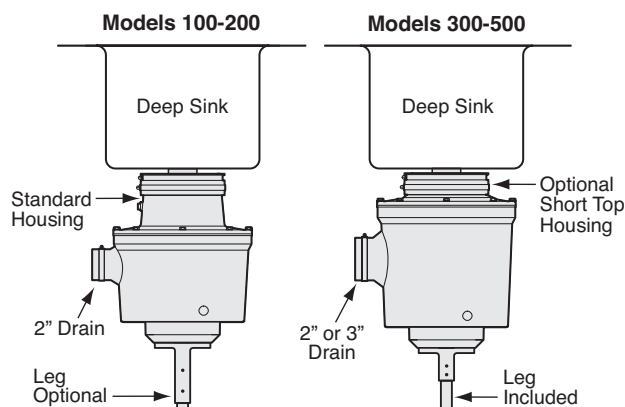
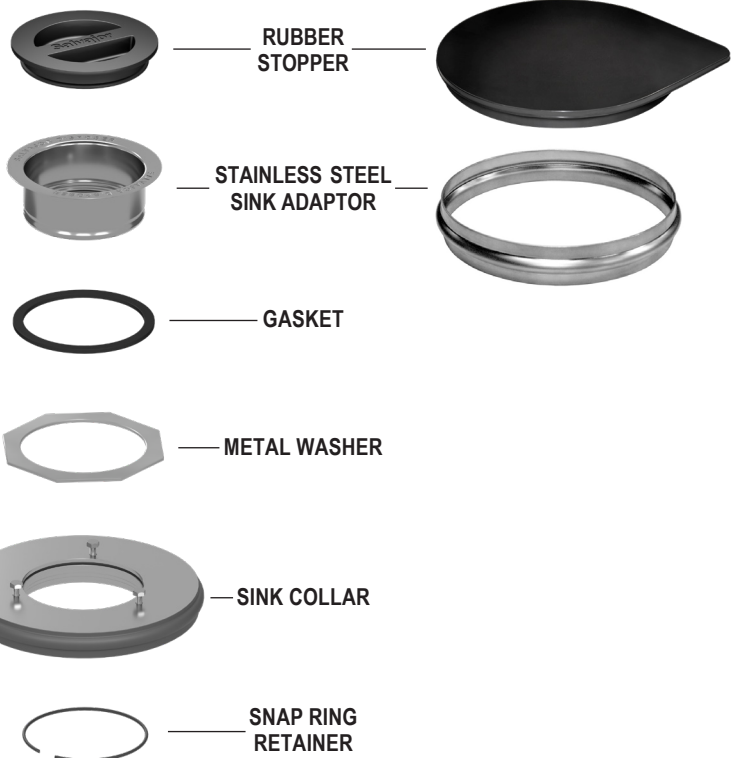
200 - SA - 6 1/2"	MSS (208/60/3)
Model	Electrical Specs.
Sink Adaptor Size	Disposer Control
Assembly	

◆ SPECIFY EXACT OPERATING VOLTAGE ◆

(Specifications subject to change without notice)
Current specification details may be found online
at www.salvajor.com

3 1/2" SINK COLLAR ASSEMBLY

6 1/2" SINK COLLAR ASSEMBLY

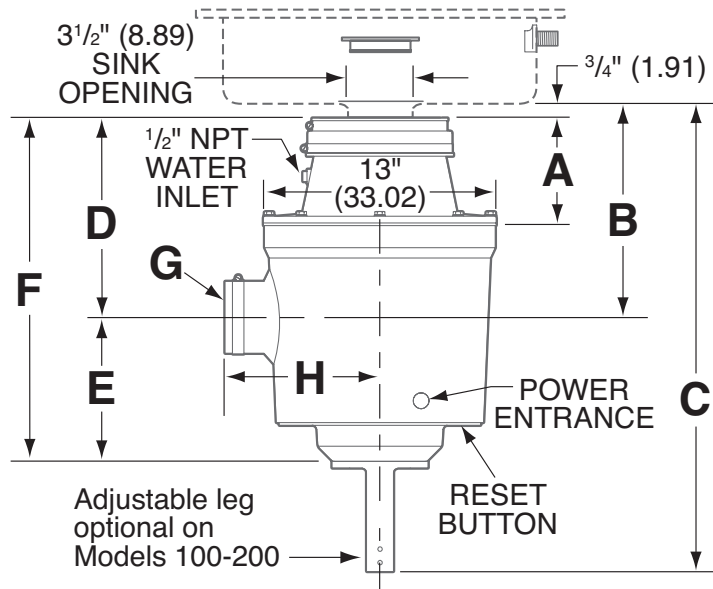


SA: Sink Assembly

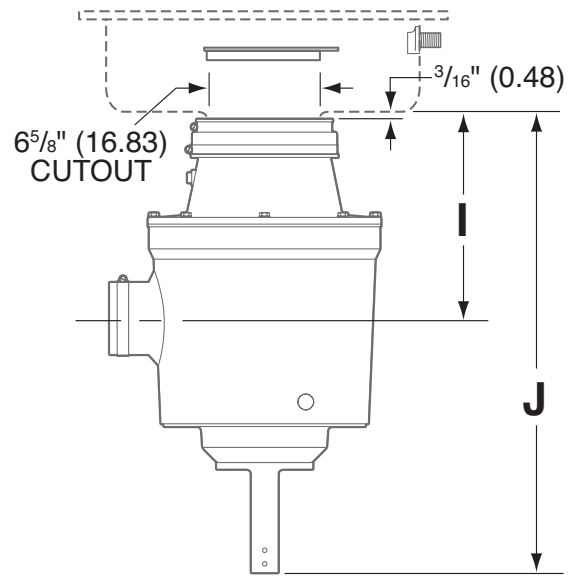
DETAILS AND DIMENSIONS

FOR MODELS: 100 - 200 - 300 - 500

3½" SINK COLLAR ASSEMBLY

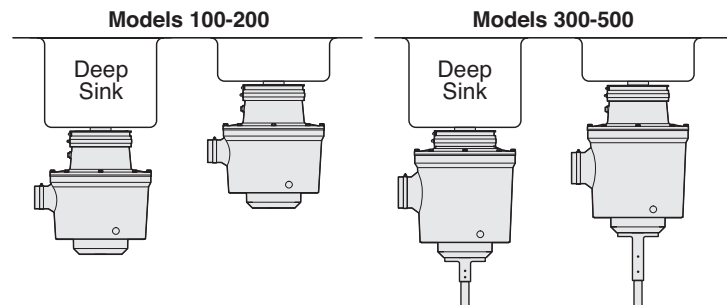


6½" SINK COLLAR ASSEMBLY



NOTE: Dimensions in parenthesis are in centimeters. Models 300-500 shown, Short Top & 100-200 similar.

Dimensions										
	A	B	C	D	E	F	G	H	I	J
Models 100 - 200	5-5/8" (14.29)	9-1/4" (23.50)	27-1/8" to 30-3/4" (68.90 to 78.11)	8-1/2" (21.59)	7-5/16" (18.57)	15-13/16" (40.16)	2" Drain	8-1/2" (21.59)	8-11/16" (22.07)	26-9/16" to 30-3/16" (67.47 to 76.68)
Models 300 - 500	5-5/8" (14.29)	11-3/4" (29.89)	31-3/8" to 36-7/8" (79.70 to 93.66)	11" (27.98)	8" (20.31)	19" (48.29)	2" or 3" Drain	8-5/8" (21.96)	11-3/16" (28.46)	30-13/16" to 36-5/16" (78.27 to 92.23)
300 - 500 Short Top	2-9/16" (6.51)	8-5/8" (22.01)	28-5/16" to 33-13/16" (71.92 to 85.88)	7-7/8" (20.10)	8" (20.31)	15-7/8" (40.41)	2" or 3" Drain	8-5/8" (21.96)	8-1/16" (20.48)	27-3/4" to 33-1/4" (70.49 to 84.45)



SALVAJOR

Manufacturers of Commercial Food Waste Solutions - Since 1944

4530 East 75th Terrace Kansas City, MO 64132-2081, USA

816.363.1030 | Toll Free: 1.800.725.8256 | Service: 1.888.725.8256 | Fax: 1.800.832.9373

sales@salvajor.com | service@salvajor.com | www.salvajor.com

Printed in USA
Form No. SA (01-26)

SALVAJOR® Pre-Wired Control Panels

For Food Waste Disposer Models 100 - 200 - 300 - 500

MSS



NON-REVERSING

1-PHASE
115V, 208V, 230V

3-PHASE
208V, 230V, 460V

*For use in small to medium kitchens,
vegetable prep areas, pot sink and
soiled dish tables.*

SPECIFICATIONS:

- NEMA 4 Stainless Steel Corrosion-Resistant Enclosure
- Magnetic Contactor
- START/STOP Push Buttons
- Terminal Strip Connections

ACCESSORIES:

- Safety Line Disconnect (LD)
- **P** - Mounted Solenoid Valve and Flow Control
- **PP** - Mounted Solenoid Valve, Flow Control and Pressure Switch
- **#980104** - Mounting Bracket

MRSS



MANUAL REVERSING

1-PHASE
115V, 208V, 230V

3-PHASE
208V, 230V, 460V

*For use in small to medium kitchens,
vegetable prep areas, pot sink and
soiled dish tables.*

SPECIFICATIONS:

- NEMA 4 Stainless Steel Corrosion-Resistant Enclosure
- Manual Reversing Magnetic Contactors
- START/STOP Push Buttons
- Forward/Reverse Switch
- Terminal Strip Connections

ACCESSORIES:

- Safety Line Disconnect (LD)
- **P** - Mounted Solenoid Valve and Flow Control
- **PP** - Mounted Solenoid Valve, Flow Control and Pressure Switch
- **#980104** Mounting Bracket

ARSS-2



AUTOMATIC REVERSING

1-PHASE
115V, 208V, 230V

3-PHASE
208V, 230V, 460V

*For use in medium to large kitchens,
all prep areas and soiled dish tables.*

SPECIFICATIONS:

- NEMA 4 Stainless Steel Watertight Enclosure
- 24 Volt Safety Circuitry
- Automatic Reversing Magnetic Contactors
- Terminal Strip Connections
- START/STOP Push Buttons

ACCESSORIES:

- **P** - Mounted Solenoid Valve and Flow Control
- **PP** - Mounted Solenoid Valve, Flow Control and Pressure Switch
- **#980105** Mounting Bracket

ARSS



AUTOMATIC REVERSING

1-PHASE
115V, 208V, 230V

3-PHASE
208V, 230V, 460V

*For use in medium to large kitchens,
all prep areas and soiled dish tables.*

SPECIFICATIONS:

- NEMA 4 Stainless Steel Watertight Enclosure
- Solid State Control Circuit
- 24 Volt Safety Circuitry
- 20 Second Drain Flush
- Automatic Reversing Magnetic Contactors
- Terminal Strip Connections
- START/STOP Push Buttons
- Energy/Water-Saving Mode
- 3 Second Reversing Safety Delay
- User Adjustable Run Time
- LCD Status Readout
- Operator Sensor Capable

ACCESSORIES:

- Safety Line Disconnect (LD)
- **P** - Mounted Solenoid Valve and Flow Control
- **PP** - Mounted Solenoid Valve, Flow Control and Pressure Switch
- **#980105** Mounting Bracket
- **#980609** Operator Sensor Includes Low Flow Solenoid Valve

 Product configurations protected by U.S. Pat. No. 7,815,134 when used with sensor

SAFETY FEATURE:

All SalvaJor Controls include an operator safety feature that prevents automatic starting of the disposer after a power interruption.

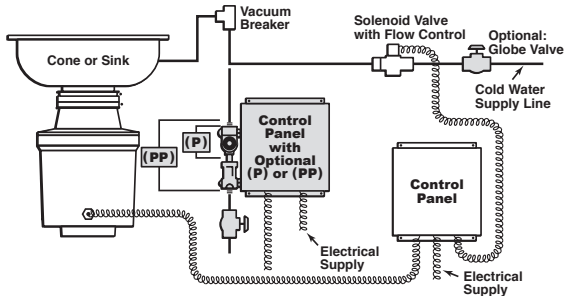
ALL SALVAJOR CONTROLS ARE:



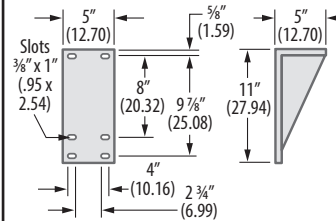
Disposer Controls

DETAILS AND DIMENSIONS

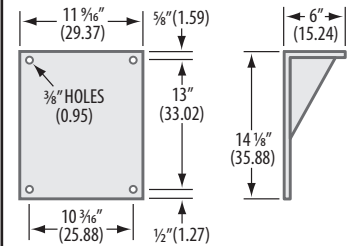
Typical Installation of a Salvajor Disposer with: MSS, MRSS, ARSS-2 or ARSS Control



980104 Optional Mounting Bracket



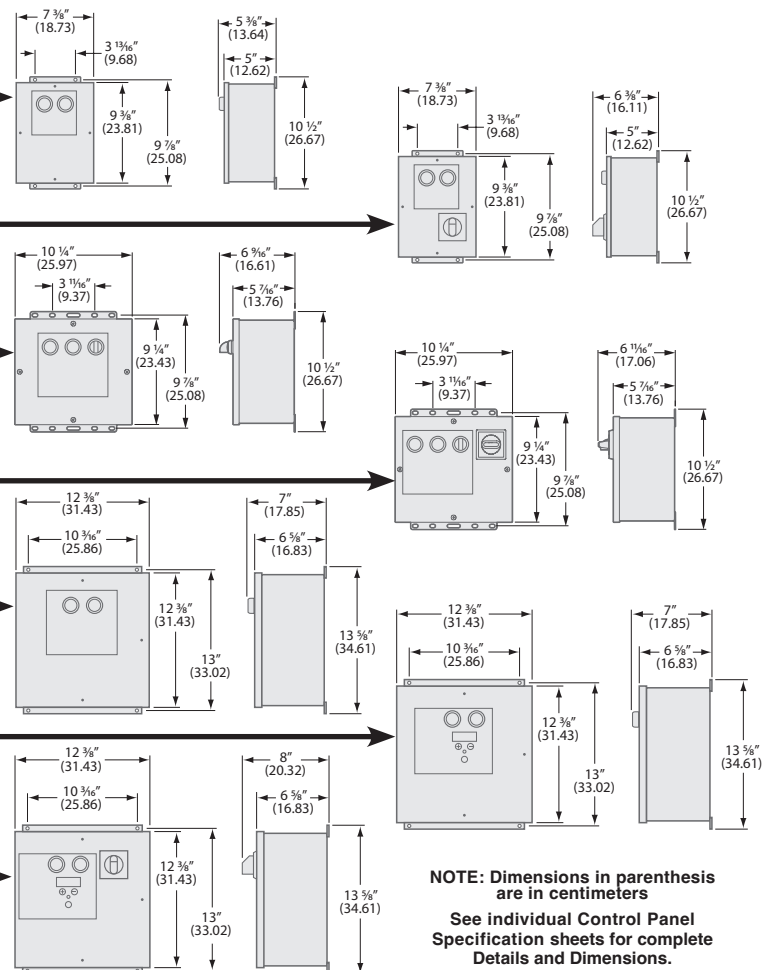
980105 Optional Mounting Bracket



ITEM NUMBERS FOR ORDERING

CONTROL MODEL	VOLTS	PHASE	ITEM NO.
MSS	115	1	MSS4
	208-230	1	MSS5
	208-230	3	MSS7
	460	3	MSS9
MSS-LD	115	1	MSSLD4
	208-230	1	MSSLD5
	208-230	3	MSSLD7
	460	3	MSSLD9
MRSS	115	1	MRSS4
	208-230	1	MRSS5
	208-230	3	MRSS7
	460	3	MRSS9
MRSS-LD	115	1	MRSSLD4
	208-230	1	MRSSLD5
	208-230	3	MRSSLD7
	460	3	MRSSLD9
ARSS-2	115	1	ARSS24
	208-230	1	ARSS25
	208-230	3	ARSS27
	460	3	ARSS29
ARSS	115	1	ARSS4
	208-230	1	ARSS5
	208-230	3	ARSS7
	460	3	ARSS9
ARSS-LD	115	1	ARSSLD4
	208-230	1	ARSSLD5
	208-230	3	ARSSLD7
	460	3	ARSSLD9

DIMENSIONS



NOTE: Dimensions in parenthesis are in centimeters

See individual Control Panel Specification sheets for complete Details and Dimensions.

(Specifications subject to change without notice)

Current specification details may be found online at www.salvajor.com

◆ SPECIFY EXACT OPERATING VOLTAGE ◆

SALVAJOR

Manufacturers of Commercial Food Waste Solutions - Since 1944

4530 East 75th Terrace Kansas City, MO 64132-2081, USA

816.363.1030 | Toll Free: 1.800.725.8256 | Service: 1.888.725.8256 | Fax: 1.800.832.9373

sales@salvajor.com | service@salvajor.com | www.salvajor.com

Printed in USA
Form No. CCP (01-26)