

TECHNICAL DATA SHEET PISTON PUMPS

	WITH MOTOR				
PUMP MODEL	S-275 with motor	S-450 with motor	S-600 with motor	S-275 S/S SYRUP with motor	S-600 S/S SYRUP with motor
PRODUCT CODE	521-0005	521-0015	521-0025	521-0105	521-0125
SUCTION (in)	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
DISCHARGE (in)	1	1	1	1	1
GALLONS / HOUR	275	450	600	275	600
MOTOR CODE	522-3000	522-3000	522-3001	522-3001	522-3003
HP	1/3	1/3	1/2	1/2	3/4
VOLTAGE	115	115	115/230	115/230	115/230
AMPERAGE	6.6	6.6	4,6 / 2,3	4,6 / 2,3	7,0 / 3,5
SERVICE FACTOR	1	1	1.25	1.25	1.25
PHASES	1	1	1	1	1
MOTOR WEIGHT (lbs)	16	16	24	24	29
PUMP LENGTH (in)	22.0	22.0	22.0	22.0	22.0
PUMP WIDTH (in)	12.0	12.0	12.0	12.0	12.0
PUMP HEIGHT (in)	19.0	19.0	19.0	19.0	19.0
COMPLETE PUMP WEIGHT (lbs)	70	70	78	68	72

	WITH MOTOR		
PUMP MODEL	S-275 S/S COLD WATER with motor	S-600 S/S COLD WATER with motor	S-275 12V SOLAR
PRODUCT CODE	521-0405	521-0425	521-0705
SUCTION (in)	1 1/4	1 1/4	1 1/4
DISCHARGE (in)	1	1	1
GALLONS / HOUR	275	600	275
MOTOR CODE	522-3000	522-3001	522-3025
HP	1/3	1/2	1/3
VOLTAGE	115	115/230	12
AMPERAGE	6.6	4,6 / 2,3	27
SERVICE FACTOR	1	1.25	1
PHASES	3	1	3
MOTOR WEIGHT (lbs)	16	24	27
PUMP LENGTH (in)	22.0	22.0	22.0
PUMP WIDTH (in)	12.0	12.0	12.0
PUMP HEIGHT (in)	19.0	19.0	19.0
COMPLETE PUMP WEIGHT (lbs)	60	68	70

	WITHOUT MOTOR						
PUMP MODEL	S-275 pump only	S-450 pump only	S-600 pump only	S-275 S/S SYRUP pump only	S-600 S/S SYRUP pump only	S-275 S/S COLD WATER pump only	S-600 S/S COLD WATER pump only
PRODUCT CODE	521-0010	521-0020	521-0030	521-0110	521-0130	521-0410	521-0430
SUCTION (in)	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
DISCHARGE (in)	1	1	1	1	1	1	1
GALLONS / HOUR	275	450	600	275	600	275	600
PUMP LENGTH (in)	22.0	22.0	22.0	22.0	22.0	22.0	22.0
PUMP WIDTH (in)	12.0	12.0	12.0	12.0	12.0	12.0	12.0
PUMP HEIGHT (in)	19.0	19.0	19.0	19.0	19.0	19.0	19.0
COMPLETE PUMP WEIGHT (lbs)	54	54	54	45	45	45	45

GENERAL FEATURES
Shallow wells and well points
Farms, homes, cottages, or irrigation systems
Simple and easy to maintain
Dry run capability – handles air without issues
Continuous efficiency at various pressures
Sand and particle resistance
Self-priming up to 25ft.
Double action piston in one single cylinder
100 PSI safety valve
Every pump is factory tested
Repair kits available for all pumps

CAST IRON PISTON PUMP FEATURES
Available in 3 models: S-275 (275 gallons/hour), S-450 (450 gallons/hour) and S-600 (600 gallons/hour)
Pump package includes; pump, motor, 30/50 PSI pressure switch & safety valve
Bare pump available without motor or pressure switch
Cast iron, bronze and stainless-steel components
Motor with capacitor start and thermal overload protection

STAINLESS STEEL PISTON PUMP FEATURES

Available in 2 models: S-275 (275 gallons/hour) and S-600 (600 gallons/hour)

Ideal for pumping maple sap and hot or cold maple syrup or water

Parts in contact with liquids made entirely of 304 grade stainless steel

Heat resistant NYLON valves and cups (syrup/hot water version)

Rubber valves and leather cups (cold water version)

Pulsation dampener included with syrup pumps (reduces vibration w/filter press)

Pressure switch included when ordered w/motor (cold water version only)

Pumps can be ordered without motor

SOLAR PISTON PUMP FEATURES (12 VOLTS)

One model available: S-275 (275 gallons/hour) max 50 psi

Ideal for homes and cottages in remote regions

Resistant to weather, UV radiation and temperature variations

Easy installation, low operating cost and minimal maintenance

1/3 CV motor (12 volts/27 amps)

30-50 PSI pressure switch specifically designed for 12 volts, are factory set

Environmentally friendly; green renewable energy source is non-polluting