



COMPOUND DUPLEX STEAM PUMP.

This pump is designed to use steam expansively, as in an ordinary cut-off engine, the object being economy of fuel. About one-third of the steam necessary for a plain duplex pump is saved by this arrangement, and less boiler capacity is consequently necessary. The saving in fuel will much more than justify the additional first cost, and proprietors of large buildings and officers of town and village water works will readily appreciate the advantages of using this type of pump.

The application of our independent air pump and jet condenser to these compound pumps increases their economy to a still higher degree, and we recommend such an arrangement wherever economy is an object.

SIZES AND CAPACITIES:

Code Word.	High Pressure Steam Cylinders.	Low Pressure Steam Cylinders.	Water Plungers.	Stroke.	Gals. per Stroke, each Plunger.	Strokes per Minute of each Plunger.	Capacity per Minute at Ordinary Speed.	Steam Pipe.	Exhaust Pipe.	Suction Pipe.	Delivers Pipe.
Pentat.	6	9	6	12	1.47	50 to 100	147 to 294	1 1/2	2 1/2	6	5
Peony.	7 1/2	10 1/2	7	12	2.00	50 to 100	200 to 400	2	2 1/2	6	5
Perch.	8	12	8 1/2	12	3.00	50 to 100	300 to 600	2	2 1/2	6	5
Perdu.	9	14	10 1/2	12	4.50	50 to 100	450 to 900	2	2 1/2	8	7
Perfect.	8	12	10 1/2	12	4.50	50 to 100	450 to 900	2	2 1/2	8	7
Perfumed.	10	16	8 1/2	12	3.00	50 to 100	300 to 600	2	4	6	5
Peri.	10	16	10 1/2	12	4.50	50 to 100	450 to 900	2	4	8	7
Perican.	10	16	12	12	5.87	50 to 100	587 to 1174	2	4	10	8
Perip.	12	18 1/2	10 1/2	12	4.50	50 to 100	450 to 900	2	4	8	7
Perishable	12	18 1/2	12	12	5.87	50 to 100	587 to 1174	2	4	10	8
Perjured.	12	18 1/2	14	12	8.00	50 to 100	800 to 1600	2	4	12	10
Perked.	12	18 1/2	14	18	12.00	40 to 70	600 to 1680	2	4	12	10
Perpend.	14	20	10 1/2	18	6.75	40 to 70	540 to 945	3	6	8	7
Perpet.	14	20	12	18	8.80	40 to 70	684 to 1232	3	6	10	8
Persia.	14	20	14	18	12.00	40 to 70	600 to 1680	3	6	12	10

ALSO PATTERNS FOR LARGER SIZES AND OTHER COMBINATIONS.