

Heller-Aller Fig. T Parts & Technical Reference

Brass Cylinder Cistern / Shallow-Well Pump
Presented by Cottage Craft Works.com

Operating Specifications

Specification	Fig. T Information
Pump type	Single-acting pitcher/cistern pump
Recommended service	Cisterns and shallow wells, up to approximately 20 ft suction lift
Cylinder	3-inch I.D. seamless drawn brass
Stroke	3 inches
Capacity	Approximately 1 gallon per 14 strokes
Inlet	Tapped for 1-1/4-inch drop/suction pipe
Outlet	Closed sanitary spout
Plunger rod	Solid brass; 3/8-inch rod for the 3-inch I.D. x 6-inch Fig. T cylinder
Plunger leather	CL 300 cup leather
Lower valve leather	LV 275 leather
Gasket	708 leather gasket
Freeze protection	Raise handle fully to drain cylinder/supply line

Original Fig. T Parts Identification

No.	Part No.	Description
1	B-1	Spouting Casting
2	B-2	Handle
3	B-3	Handle Bearer
4	B-4	Cast Base with Ears
5	B-5	Plunger Rod
6	B-6	Stuffing Box Nut, Brass
7	B-7	Hose Bibb
8	B-8	Malleable Eye with Set Screw
9	B-9	Brass Cylinder
10	B-10	3-inch Cage
11	B-11	3-inch Follower
12	B-12	3-inch Poppet
13	T-6	Complete Plunger with Rod
14	B-15	Clevis Pin 7/16 x 1-1/2 in.
15	B-16A	Clevis Pin 7/16 x 2-1/4 in.

No.	Part No.	Description
16	T-5	Valve Weight
17	B-17	LV 275 Leather
18	B-18	CL 300 Leather
19	B-19	5/16 x 8 in. Bolts (2)
20	B-20	708 Leather Gasket

Service Notes

The complete T-6 plunger assembly includes the cage, follower, poppet, cup leather and rod. When replacing the cup leather, the follower is removed from the cage assembly. Avoid excessive vise pressure on cast components during disassembly.

Correct part identification and cylinder/rod sizing are important when rebuilding older pumps or pumps of uncertain manufacture.

Source note: Compiled from Heller-Aller Fig. T manual/parts material and current Fig. T technical specifications. This is a Cottage Craft Works reference edition, not an untouched factory scan.