

**TRASH FLOW®**  
SELF PRIMING TRASH PUMPS  
**TFCC-8™**

**FEATURES**

TRANSFER UP TO  
2700 GPM (613 m³)

MAX. HEAD 120 FT (37 m)

PUMP UP TO 3" (76.2 mm)  
SOLIDS

ADJUSTABLE &  
SHIMLESS IMPELLER  
CLEARANCE

HEAVY DUTY BEARINGS  
AND CASTINGS

EASILY REMOVABLE  
ROTATING ASSEMBLY

FULL IMPELLER ACCESS

SOLIDS HANDLING  
IMPELLER

QUICK SELF PRIMING  
CAPABILITIES

DOUBLE FLOATING  
MECHANICAL SEAL

DUAL LIP SEAL BEARING  
PROTECTION\*

\*optional

**8" x 8"**



**AN 8" SELF PRIMER THAT EXCEEDS EXPECTATIONS  
AND THEN SETS NEW ONES.**

With the TFCC-8, you get more than a removable wear plate for easy maintenance and double floating mechanical seals. You get configuration options to suit the needs of your facility like pre-engineered sewage lift stations or engine driven models. Plus, you can transfer up to 2700 GPM with the powerful TFCC-8 Series from Wastecorp Pumps.

**TRASH FLOW® CONFIGURATIONS**

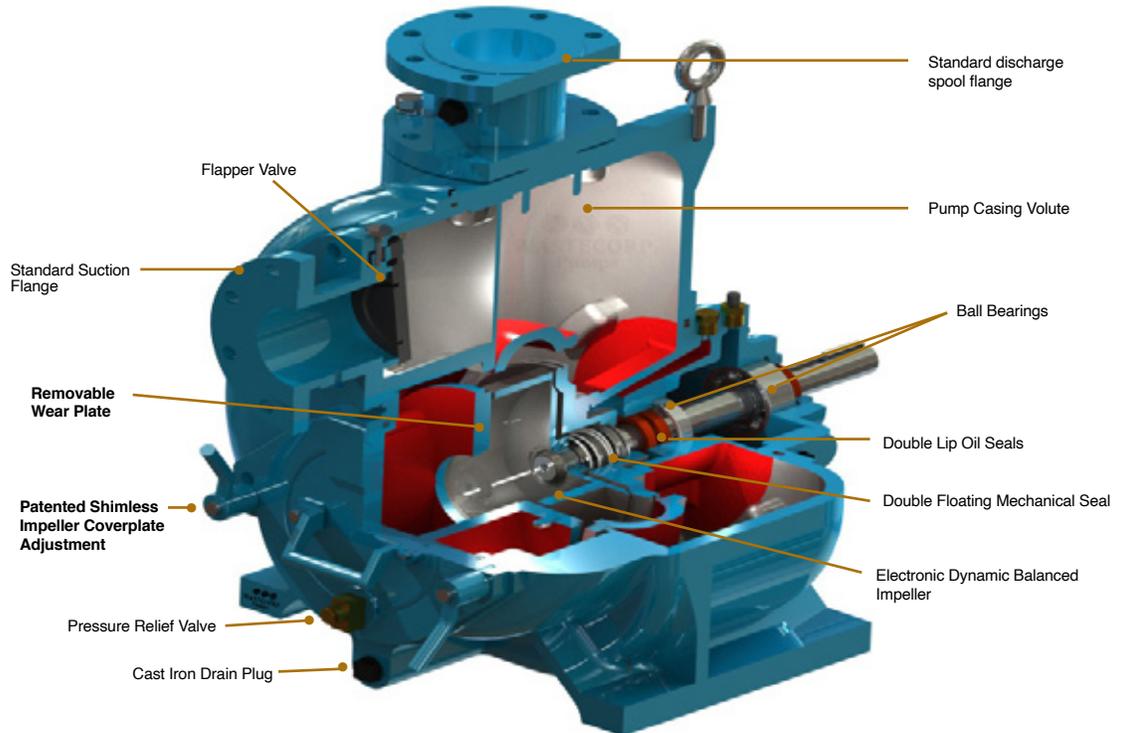
**FLEX COUPLED**



**BELT DRIVE VERTICAL**



**BELT DRIVE PIGGY BACK**



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SELF PRIMING TRASH PUMPS  
**TFCC-8™**

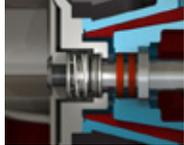


**FEATURES**



**REMOVABLE ROTATING ASSEMBLY**

Experience less downtime and maintenance hassles with the Trash Flow's removable rotating assembly. The pump volute and piping are not disturbed during maintenance.



**DOUBLE FLOATING MECHANICAL SEAL**

Wastecorp's mechanical seals are designed for the harsh pumping conditions in today's municipal and industrial solids handling jobs.



**SOLIDS HANDLING IMPELLERS**

Trash Flow pumps feature our standard premium two-vane solids handling impellers with solids handling capabilities up to 3" (75mm).



**OPTIONAL SUCTION AND DISCHARGE GAUGES**

Monitor operating pressure easily with Wastecorp's optional suction and discharge gauges.

**OPTIONAL CONFIGURATIONS**



**SEWAGE LIFT STATIONS**

Let our pump designers engineer the ultimate lift station for your facility. We offer complete packaged solutions including control panels, valves and more.



**TRAILER OR SKID MOUNT ENGINE**

With our trailer or skid mounted diesel engine trash pumps, you'll get a DOT approved solutions for mobile wastewater transfer

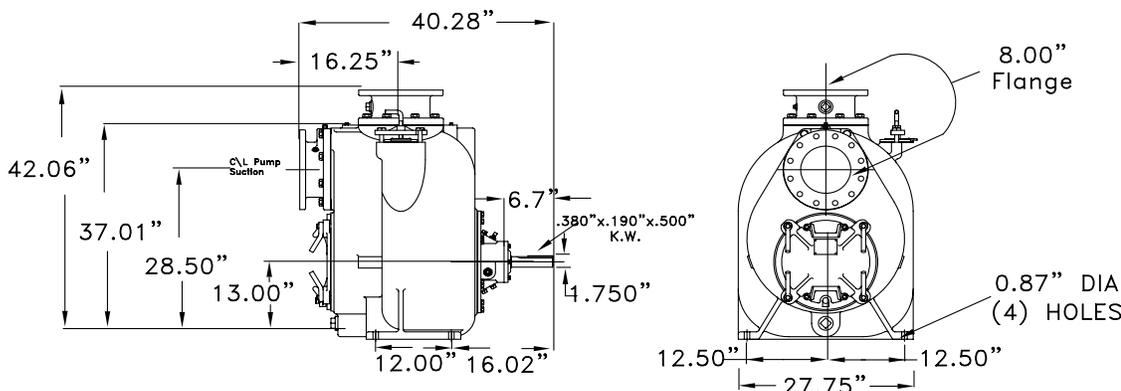
<b>Pump Size</b>	8" x 8" [200 mm x 200 mm] ANSI/DIN
<b>Pump Casing</b>	Cast Iron Class 30
<b>Operating Pressure</b>	Maximum 83 psi (572 kPa)
<b>Impeller</b>	Open type, two vane. Material: Ductile Iron Pumps 3" (76,2 mm) spherical solids
<b>Impeller Shaft</b>	ANSI 4140 HT
<b>Wear Plate, Replaceable</b>	Hardened Steel
<b>Cover Plate</b>	Removable/Adjustable Cast Iron Class 30
<b>Flapper Valve</b>	Neoprene with steel reinforcing ring
<b>Bearing Housing</b>	Cast Iron
<b>Seal Plate</b>	Cast Iron
<b>Shaft Sleeve</b>	ANSI 17-4PH SST
<b>Radial Bearing</b>	Open single ball
<b>Thrust Bearing</b>	Open double ball
<b>Bearing/Seal Cavity Lubrication</b>	SAE No. 30 oil
<b>Flanges</b>	125# Ductile Iron ANSI or DIN
<b>Gaskets</b>	Buna-N, compressed synthetic fibers, vegetable fiber, PTFE, cork, and rubber
<b>O-Rings</b>	Buna-N Teflon coated
<b>Hardware</b>	Plated steel/grade 8/SST
<b>Pressure Release Valve</b>	Brass
<b>Oil Level Sight Gauges</b>	Bearing and Seal Cavity
<b>Net Weight</b>	1300 lbs/590 KG

**Optional Equipment and Materials:** Stainless Steel. Automatic air release valve, 120V/240V casing heater. High pump temperature shutdown kit, moisture probe, gauge kit, NPT & DIN standard suction and discharge flanges. Other elastomers available.

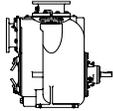
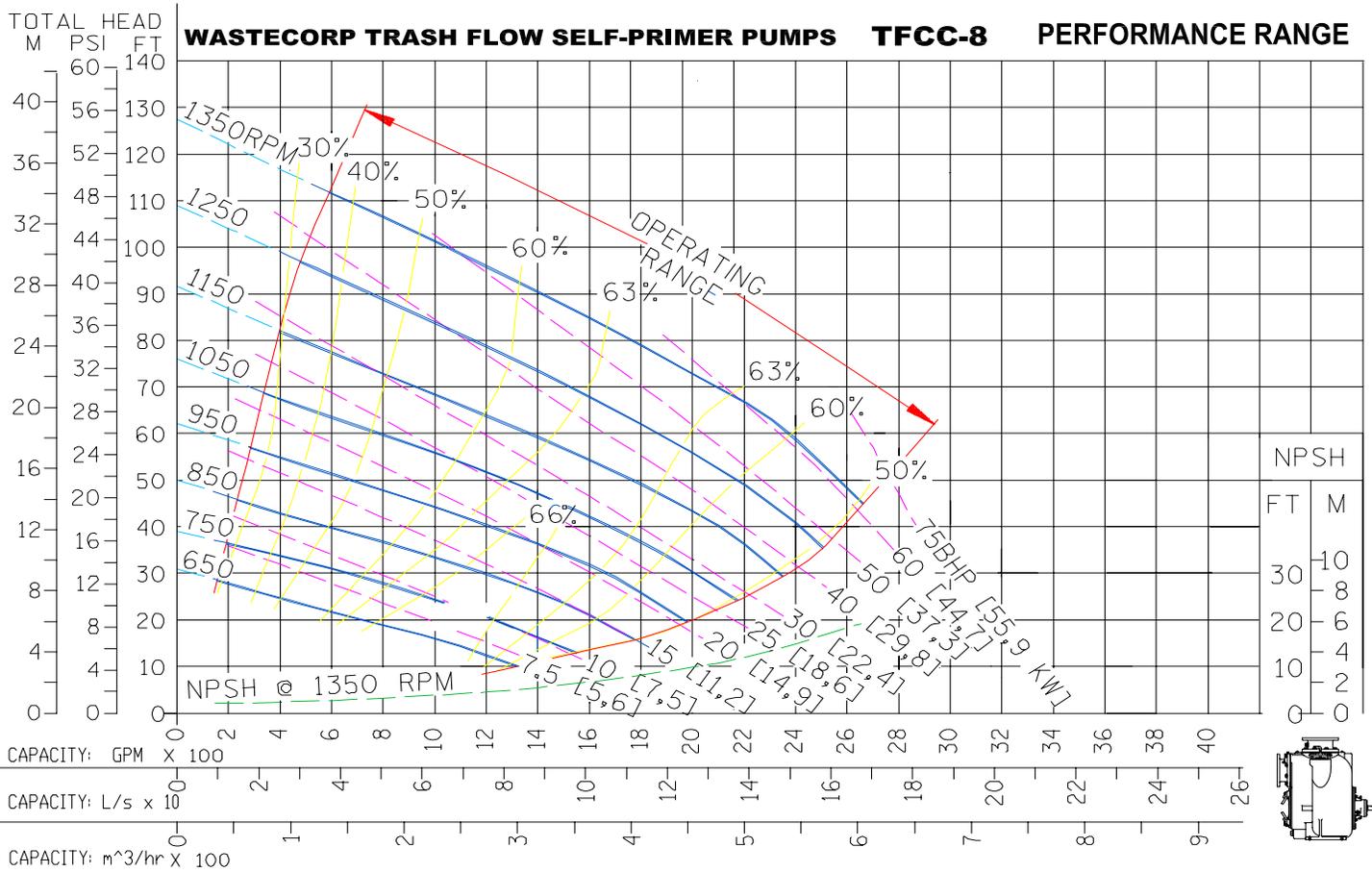
**Seal Specifications:** Mechanical oil-lubricated, double floating, self-aligning seal. Titanium & Tungsten Carbide rotating and stationary faces. Stainless steel metal components. Maximum temperature of liquid pumped 180°F/83°C.

Note: Consult factory for applications exceeding maximum pressure and/or temperature indicated.

**BARE PUMP DIMENSIONS**



Dimensions and weight are approximate. Wastecorp Pumps reserves the right to make changes in design, materials and operating ranges without notice.



**REPRIMING LIFTS**

PUMP SPEED	PUMP SPEED	PUMP SPEED	PUMP SPEED
650 RPM	9 Ft.	1250 RPM	22 Ft.
750 RPM	12 Ft.	1350 RPM	23 Ft.
850 RPM	15 Ft.		
950 RPM	17 Ft.		
1050 RPM	20 Ft.		
1150 RPM	21 Ft.		

Determine NPSH prior to using repriming table. Do not use as available suction lifts.

$$BHP = \frac{GPM \times FT \times SG}{3960 \times Efficiency} \quad KW = \frac{M^3/HR \times M \times SG}{367 \times Efficiency}$$

Suction lift is limited by the available NPSH which is the corrected atmospheric pressure minus the dynamic suction lift, vapor pressure loss and 2 foot safety factor.

**CURVE NO.:** 62922-00 **MODEL:** TFCC-8  
**SIZE:** 8" x 8" **IMPELLER DIA:** 14.75"  
**RPM:** VARIOUS **SP. GR.:** 1.0 @ 68°F

Factory certified tests are performed using Hydraulic Institute acceptance Level B.  
The performance curve shown were taken from actual tests of standard production pumps, and reflect an average performance of the pumps indicated.  
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**CONSULT FACTORY FOR OPERATING CURVES ABOVE 1350 RPM.**