

WATEROUS

ENDURANCE TWO

TWO STAGE FIRE PUMP

MODEL **CM/CMUC20**

High Performance

Up to 2250 GPM (9000 L/ min)
Max pressure: 600 PSI (42 bar)

Impeller Shaft Assembly

Maintenance-free outboard ball bearing
Labyrinth-type reverse flow wear rings
Optional flame-plated impeller hubs reduce water bypass loss and results in longer life (Standard on CMU)
Optional mechanical shaft seals require no routine maintenance
Separable impeller shafts reduce downtime for repairs

Monarch Intake Valve

Manual, electric or pneumatic operation
Stainless steel Wafer-Sphere® element
Polymeric flexible lip seal resists "bonding" to moving element
• Includes provision for pre-butterfly relief valve

Priming Systems

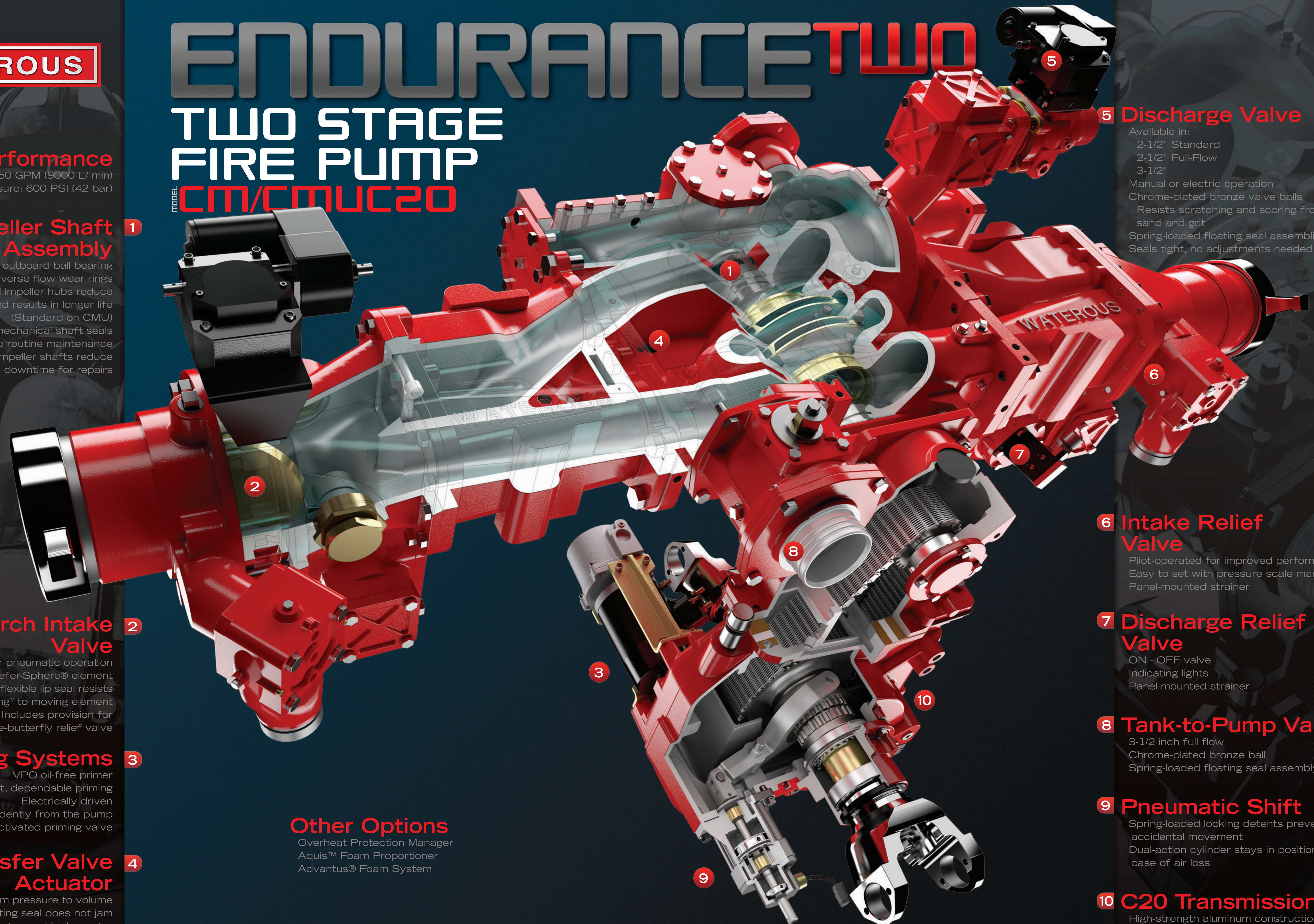
VPO oil-free primer
Fast, dependable priming
Electrically driven
Operates independently from the pump
Vacuum-activated priming valve

Transfer Valve Actuator

Change from pressure to volume
Spring-loaded floating seal does not jam due to sand in the water
Available with optional electric actuator

Other Options

Overheat Protection Manager
Aquis™ Foam Proportioner
Advantus® Foam System



5 Discharge Valve

Available in:
2-1/2" Standard
2-1/2" Full-Flow
3-1/2"

Manual or electric operation
Chrome-plated bronze valve balls
Resists scratching and scoring from sand and grit
Spring-loaded floating seal assemblies
Seals tight, no adjustments needed

6 Intake Relief Valve

Pilot-operated for improved performance
Easy to set with pressure scale markings
Panel-mounted strainer

7 Discharge Relief Valve

ON - OFF valve
Indicating lights
Panel-mounted strainer

8 Tank-to-Pump Valve

3-1/2 inch full flow
Chrome-plated bronze ball
Spring-loaded floating seal assembly

9 Pneumatic Shift

Spring-loaded locking detents prevent accidental movement
Dual-action cylinder stays in position in case of air loss

10 C20 Transmission

High-strength aluminum construction
"Silent" Morse HV drive chain
Smoother transfer of power
16,000 lb./ft. torque rating