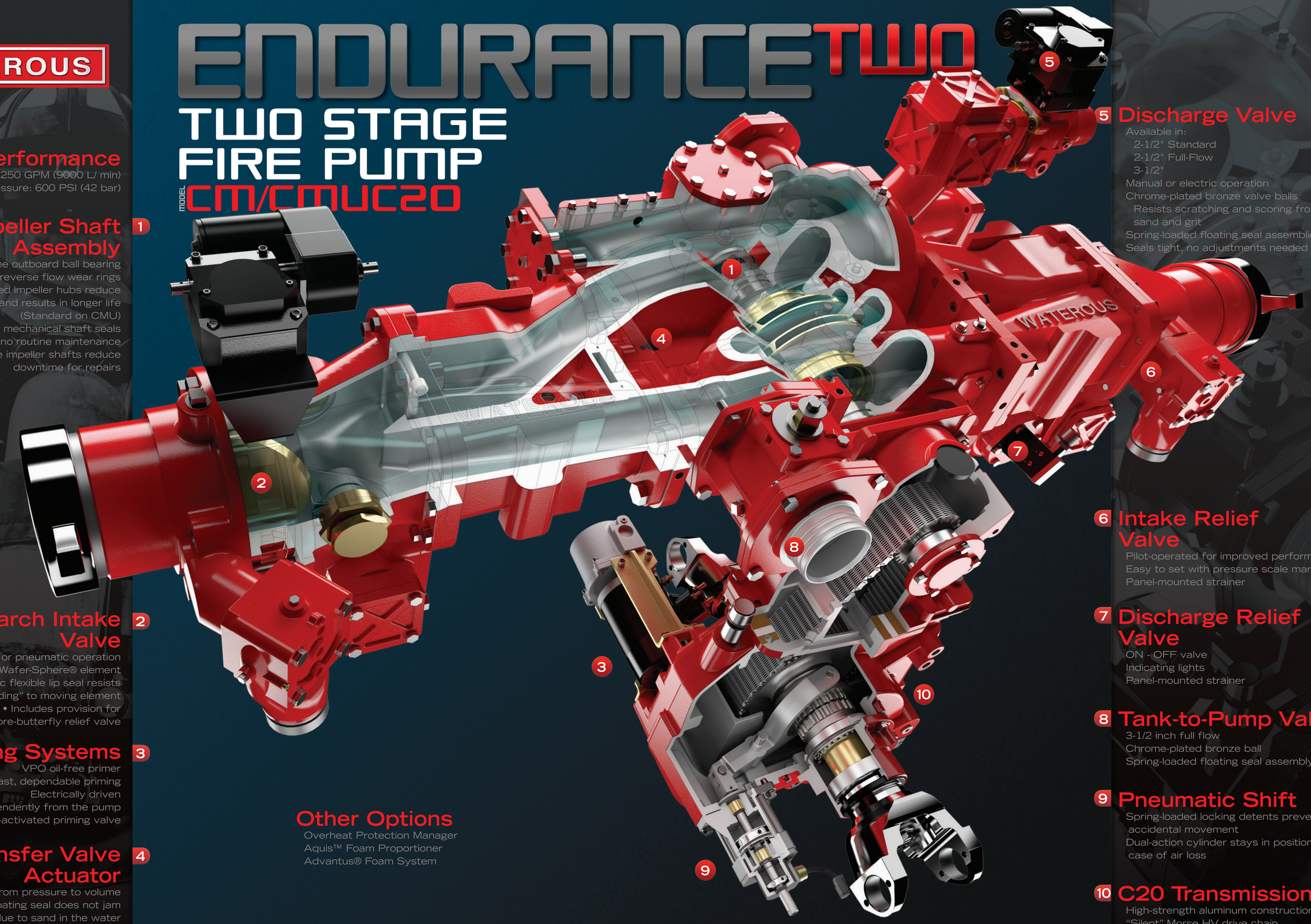
WATEROUS

ENDURANCE TWO

TWO STAGE FIRE PUMP

MODEL CM/CMUC20



1 High Performance

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

1 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

2 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

3 Priming Systems

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

4 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

F-2637 (02/15)

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