



# Data Sheet

Form No.	Issue Date	Rev. Date
<b>DS-4017</b>	<b>06/15/17</b>	<b>11/12/21</b>

## Waterous Traditional CAFS

As used with CX, S100 Series Fire Pumps and TC20 Series PTO's

### Available as follows:

Drive	CAFS			Pump and Transmission			PTO Model
	Model	Air (CFM)	Water (U.S. GPM)	Pump		Transmission Model	
				Model	Material		
Belt off Back of Pump Transmission <i>(Direct Drive)</i>	150-ESD	150	300	CXV, CXS, CXN <i>(S100 Not Available)</i>	Iron	C20B, C20C, C20D, C20E, C20F	TC20B, TC20C, TC20D, TC20E, TC20F
Belt off Back of Pump Transmission <i>(Via a Pneumatic Clutch)</i>	Eclipse ES	200	400	CXV, CXS, CXN, S100			

### Specify a CAF System as follows:

**Voltage:**

12 or 24

**Model:**

150-ESD or Eclipse ES

**Sump:**

Vertical *(Standard)*

Tee *(Optional)*

**Oil Cooler Strainer:**

In-Line

**Operator Orientation:**

(On-Site Operator Orientation and Training)

Contact Waterous Company for Availability

## The Following Items are Optional:

### Hose and Fitting Kit:

*(Provides Hoses and Fittings to connect Compressor, Sump, Balance Valve, Separator Filter and Oil Cooler)*

Without *(Standard)*

With *(Optional)*

### Oil Inlet Check Valve:

*(Required when Sump is installed 12 in. or more above Compressor Rotor centerline, retains oil in compressor after shut down)*

Without *(Standard)*

With *(Optional)*

### Air Distribution Manifold:

*(Provides connections for air supply to CAF discharges)*

Manifold:

Without *(Standard)*

Three Ports *(Optional)*

Four Ports *(Optional)*

Five Ports *(Optional)*

Air Valves:

Without *(Standard)*

Electric *(Optional)*

Manual *(Optional)*

Port Caps:

*(One each 12 JIC, 8 JIC and 6 JIC for capping un-used manifold parts)*

Without *(Standard)*

With *(Optional)*

Auxiliary Air Kit:

*(Provides fittings, hoses, air valve and panel connection)*

Without *(Standard)*

1/4 in. NPT (F) Panel Connection *(Optional)*

3/4 in. NPT (F) Panel Connection *(Optional)*

### Air Pressure Gauge Kit:

*(Provides fittings, hoses and air gauge)*

Without *(Standard)*

Dual Scale, PSI and Kpa *(Optional)*

Single Scale, Mpa *(Optional)*

### Static Mixers (Scrubbers):

See CAFS Accessories Data Sheet DS-4025

### CAFS Discharge Manifold:

See CAFS Accessories Data Sheet DS-4025

### Victaulic Clamp:

See CAFS Accessories Data Sheet DS-4025

### ICS Valves:

See ICS Valve Data Sheet DS-4026

### Air Discharge Kits:

See Air Discharge Kit Data Sheet DS-4027

### Foam Pump:

See Foam Pump Data Sheet DS-4014