



Data Sheet

Form No. DS-4017	Issue Date 06/15/17	Rev. Date 1/31/23
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Waterous Traditional CAFS

As used with CX, S100 Series Fire Pumps and TC22 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	C22B, C22C, C22D, C22E, C22F	TC22B, TC22C, TC22D, TC22E, TC22F
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