



Data Sheet

Form No. DS-4016	Issue Date 06/15/17	Rev. Date 1/31/23
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Waterous Traditional CAFS As used with CM and CS Series Fire Pumps

Available as follows:

Drive	CAFS			Pump and Transmission		
	Model	Air (CFM)	Water (U.S. GPM)	Pump		Transmission Model
				Model	Material	
Belt off Back of Pump Transmission <i>(Direct Drive)</i>	150-D	150	300	CM, CMU, CS, CSU	Iron	C22B, C22C, C22D, C22E, C22F
				CM, CS <i>(CMU and CSU Not Available)</i>	Iron	PA
Belt off Back of Pump Transmission <i>(Via a Pneumatic Clutch)</i>	Eclipse	200	400	CMU <i>(CM Not Available)</i> CS, CSU	Iron	C22B, C22C, C22D, C22E, C22F

Specify a CAF System as follows:

Voltage:

12 or 24

Model:

150-D or Eclipse

Sump:

Model 150-D:

Vertical *(Shipped Loose)*

Tee *(Optional)*

Model Eclipse:

Encapsulated *(Mounted on Pump)*

Oil Cooler Strainer:

Model 150-D:

In-Line *(Standard)*

Panel Mounted *(Optional)*

Model Eclipse:

In-Line *(Standard)*

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)

Model 150-D

Without (Standard)

With (Optional)

Model Eclipse

Not Used

Oil Inlet Check Valve:

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

Model 150-D

Without (Standard)

With (Optional)

Model Eclipse

Not Used

Air Distribution Manifold:

(Provides connections for air supply to CAF discharges)

Manifold:

Model 150-D

Without (Standard)

Three Ports (Optional)

Four Ports (Optional)

Five Ports (Optional)

Model Eclipse

Five Ports (Included)

Air Valves:

Model 150-D

Without (Standard)

Electric (Optional)

Manual (Optional)

Model Eclipse:

Electric (Included)

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)

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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 Data Sheet DS-4026

Air Discharge Kits:

See Data Sheet DS-4027

Foam Pump:

See Data Sheet DS-4014