Specifications:

Model	505.07 60 Hz	505.07 50 Hz	505.11 60 Hz	
Operating Pressure	210 bar / 3,000 psi	210 bar / 3,000 psi	210 bar / 3,000 psi	
Flow Rates	26.5 lpm / 7gpm	22.7 lpm / 6 gpm	41.6 lpm / 11gpm	
Reservoir Capacity (Maximum)	174 liters / 46 gallons	174 liters / 46 gallons	174 liters / 46 gallons	1
Reservoir Capacity (Minimum)	113.5 liters / 30 gallons	113.5 liters / 30 gallons	113.5 liters / 30 gallons	11
Standard Filtration (Return Line)	3 micron	3 micron	3 micron	
Sound Level (1m / 3 ft)*****	58 db(A)	58 db(A)	60 db(A)	
Width	71 cm / 28 inches	71 cm / 28 inches	71 cm / 28 inches	
Height	107cm / 42inches	107cm / 42inches	107cm / 42inches	
Length	99 cm / 39 inches	99 cm / 39 inches	99 cm / 39 inches	
Weight without oil	303 kg / 667 lb	303 kg / 667 lb	326 kg / 717 lb	
Weight with minimum oil	399 kg / 879 lb	399 kg / 879 lb	421 kg / 929 lb	
Weight with maximum oil	450 kg / 922 lb	450 kg / 922 lb	473 kg / 1,042 lb	
Control Voltage	24	24	24	
Motor starter configuration	line voltage	line voltage	Wye-Delta	
Motor Size	11.2 kW / 15 Hp	11.2 kW / 15 Hp	18.6 kW / 25 Hp	
Maximum ambient operating Temperature	40°C / 104°F	40°C / 104°F	40°C / 104°F	
Minimum ambient operating Temperature	5°C / 40°F	5°C / 40°F	5°C / 40°F	
Reservoir Material	Stainless Steel	Stainless Steel	Stainless Steel	
Heat exchanger	Stainless steel plate style	Stainless steel plate style	Stainless steel plate style	S
Cooling water hose diameter****	2 cm / 0.75 in	2 cm / 0.75 in	2 cm / 0.75 in	

Cooling Water Requirements

Water Inlet Temperature	Flow Rating	Flow Rating	Flow Rating	
15.5 C / 60 F	4.9 lpm / 1.3 gpm	4.9 lpm / 1.3 gpm	9.1 lpm / 2.4 gpm	
21.1 C / 70 F	6.0 lpm / 1.6 gpm	6.0 lpm / 1.6 gpm	12.1 lpm / 3.2 gpm	
26.7 C / 80 F	8.3 lpm / 2.2 gpm	8.3 lpm / 2.2 gpm	18.9 lpm / 5.0 gpm	
32.2 C / 90 F	15.9 lpm / 4.2 gpm	15.9 lpm / 4.2 gpm	49.2 lpm / 13.0 gpm	4

Heat Exchanger

Maximum heat removal capacity	12.3 KW / 42,000 Btu/hr	12.3 KW / 42,000 Btu/hr	20.9 kW / 70,000 Btu/hr	20
Water pressure differential	0.2-0.3 MPa / 35-45 psi	0.2-0.3 MPa / 35-45 psi	0.2-0.3 MPa / 35-45 psi	0.2
Maximum inlet pressure	0.8 MPa / 120 psi	0.8 MPa / 120 psi	0.8 MPa / 120 psi	
Cooling water hose diameter	2 cm / 0.75 in	2 cm / 0.75 in	2 cm / 0.75 in	

Electrical Specs	60 Hz	50 Hz	60 Hz
Control voltage	24v	24v	24v
Motor starter configuration	Line Voltage	Line Voltage	Wye-Delta
Number of motor/pump modules	1	1	1
Motor size	11 kW / 15 hp	11 kW / 15 hp	18.5 kW / 25 hp
NEC***(NFPA-70)Motor FLA**@380VAC 3 Phase 50 Hz	N/A	26	N/A

NEC***(NFPA-70)Motor FLA**@460VAC 3 Phase 60 Hz	21	N/A	34
Unit Full Load Amps @ 380 VAC 3 Phase 50 Hz	N/A	27	N/A
Unit Full Load Amps @ 460 VAC 3 Phase 60 Hz	22	N/A	35
NEC*** (NFPA-70) Minimum Amp Capacity of Feed Conductors @ 380 VAC 3 Phase 50 Hz	N/A	34	N/A
NEC*** (NFPA-70) Minimum Amp Capacity of Feed Conductors @ 460 VAC 3 Phase 60 Hz	28	N/A	44
Peak In-rush amps @ 380 VAC/50Hz(theoretical)*	N/A	140	N/A
Peak In-rush amps @ 460 VAC/60Hz(theoretical)*	116	N/A	61
FLA** for power consumption estimation@ 380 VAC/50 Hz	N/A	25	N/A
FLA** for power consumption estimation@ 460 VAC/60 Hz	20	N/A	33

* All values are theoretical estimations
**FLA= Full Load Amps
***NEC (NFPA - 70) = National Electrical Code (Nation Fire Protection Association - 70)
****Hose barbs included
*****Sound pressure level (db(A)) is expressed as a free field value. Readings may vary with acoustic environment.