



Main Motor and Drive System

- IE3 efficiency-class electric motor
- Direct coupled with elastic coupling
- Star/delta motor starter
- Special loadless start system and automatic discharge system for loadless start
- Soft starter (optional)



Controller

- Mains voltage and frequency monitoring, protection at certain limits
- Multiple compressor control for up to 8 compressors without the need for an external master compressors
- Internal ModBus communication
- Alarm log records the last 9 alarms



Cooling System

- 4-stage radiator (3 stages for air, 1 stage for oil cooling)
- Cylinder and cylinder heads with cooling fins
- Cooling fan connected directly to the main motor

Model	Working Pressure				Piston Displacement		Voltage / Frequency	Motor	Connection	Dimensions (in.)			Weight
	Minimum psi - bar		Maximum psi - bar		cfm	m³/min				Length	Width	Height	
HW 52	174	12	580	40	30,5	0,86	460/60	15/11	1" NPT	51	43	40	906
HW 64	174	12	580	40	51,13	1,44	460/60	20/15	1" NPT	51	43	40	928
HW 108	174	12	580	40	78,2	2,21	460/60	30/22	1" NPT	62	46	43	630
HW 166	174	12	580	40	99,6	2,82	460/60	40/30	1" NPT	64	46	43	1500

- Unit performances measured in reference conditions which are 1 bar absolute air Pressure, 0% relative humidity, 20°C inlet air temperature, 71°C thermostatic valve set temperature and use of Smartoil.
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