
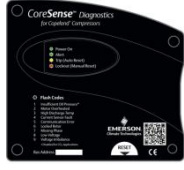



NO: 33 -15
DATE: 30/11/2015
TO: All Customers
FROM: Emerson Climate Technologies Europe
SUBJECT: Release of Stream Compressors with CoreSense™ Protection

Emerson Climate Technologies is pleased to announce the release of its range of 4 and 6 cylinder semi-hermetic Stream compressors with CoreSense™ Protection for commercial refrigeration applications. The release includes Stream, Stream Digital as well as Stream CO2 semi-hermetic compressors. With this new offering, customers now have the following 2 options of integrated compressor electronics for Stream compressors:

- a) CoreSense Diagnostics for advanced protection, diagnostics, communication and individual compressor power monitoring. CoreSense Diagnostics is already available for all Stream compressors since their launch.
- b) CoreSense Protection with standard protection features such as motor overheat protection and optional oil pressure protection. Stream with CoreSense Protection will be available for customer orders from January 2016.

Compressor	Today		From January 2016	
	CoreSense Diagnostics		CoreSense Diagnostics	CoreSense Protection
Type				
Stream 4M / 6M	 Advanced Protection Diagnostics Communication Power Monitoring		 Same as today Advanced Protection Diagnostics Communication Power Monitoring	 New Motor Protection (Standard) Oil Screw in sensor (Standard) OPS2 Switch for oil protection (optional)
Stream CO2 4MTL / 4MSL				
Stream Digital 4MD / 6MD				

Dedicated ident numbers are available for Stream with CoreSense Diagnostics and Stream with CoreSense Protection. Ident number information is available in a separate document provided together with this marketing bulletin. The Stream compressor

nomenclature will reflect the associated integrated compressor electronics offering with the compressor (example: 4MH1-25X-AWM/D-D for CoreSense Diagnostics and 4MH1-25X-AWM/D-P for CoreSense Protection).

Key features and benefits of CoreSense Protection

The main features and benefits associated with CoreSense Protection are as follows:

- Motor overheat protection – guarantees a minimum protection for compressor reliable operation
- Optional insufficient oil pressure protection (OPS2)
- Protection module installed in compressor terminal box - no impact on the compressor dimensions

Key features and benefits of CoreSense Diagnostics

The main benefits associated with CoreSense Diagnostics for the different stakeholders in the value chain are as follows:

- Advanced protection for high discharge temperature, motor overheat, insufficient differential oil pressure and electrical failures
- Diagnostic information such as alarm history, operating information and asset information for a quicker trouble shooting
- Modbus communication for remote monitoring
- Individual compressor power monitoring
- Facilitates predictive maintenance and advanced diagnostics
- Reduced applied system costs
- On-site compressor data management with multi-color LEDs and PC interface software
- Reduced maintenance costs
- Increased system uptime / reduce food loss

Application guidelines, technical information bulletins, drawings, Select software and spare parts information for Stream with CoreSense Diagnostics and Stream with CoreSense protection will be made available in Emerson Climate Technologies Europe website www.emersonclimate.eu

For any additional information, please contact your Application Engineering or Sales representative.

Stream with
CoreSense Protection



Stream with
CoreSense Protection