HRD DS

hertz® KOMPRESSOREN

DIGITAL SCROLL AIR DRYERS

15,5-208,3 m³/min

The new HRD DS series uses proprietary digital evaporator technology to deliver significant energy savings over conventional cycle and variable speed designs. Using advanced technology, it operates within different inlet flow ranges, making it by far the most efficient compressor to be used in a refrigerated air dryer. HRD DS Dryers are equipped with a true loss-free condensate drainage ensuring effective condensate drainage without any loss of compressed air. Constantly communicating with the temperature probe in the evaporator, it adjusts the cooling pressure according to the temperature of the air leaving the evaporator, thus saving energy.

Basic Components

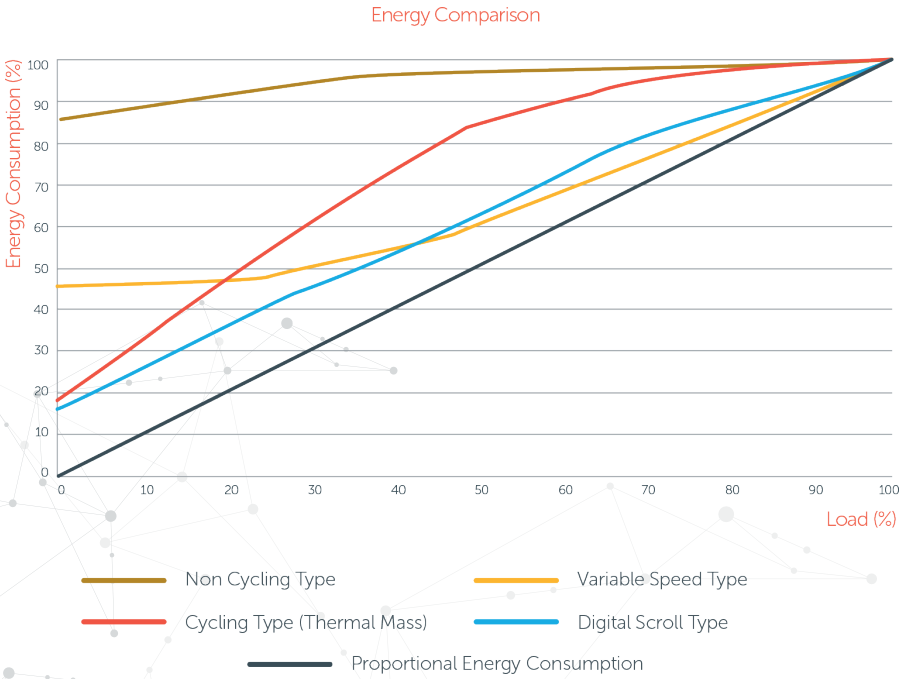
- Digital Scroll Compressor
- Electronic Expansion Valve
- Variable Speed Fan Motor
- Well-engineered Control Algorithm
- Cutting-Edge Technology Electronic Controller

COMPRESSED AIR DRYERS

Model	Capacity (m³/min)	Voltage (V/ph/Hz)	Ref. Gas Type	Connection	Filter Set
HRD DS 120	15,50	400V/3/50	R513a	2"	HGKON 1205 MX+MY
HRD DS 130	20,00	400V/3/50	R513a	2"	HGKON 1205 MX+MY
HRD DS 140	23,13	400V/3/50	R513a	3"	HGKON 1805 MX+MY
HRD DS 150	30,00	400V/3/50	R513a	3"	HGKON 1805 MX+MY
HRD DS 170	46,25	400V/3/50	R513a	3"	HGKON-2775 MX+MY
HRD DS 180	55,50	400V/3/50	R513a	DN100	HGKON-2775 MX+MY
HRD DS 190	65,25	400V/3/50	R513a	DN100	HGKON-5850 MX+MY
HRD DS 200	84,75	400V/3/50	R513a	DN100	HGKON-5850 MX+MY
HRD DS 210	97,50	400V/3/50	R513a	DN100	HGKON-5850 MX+MY
HRD DS 220	116,25	400V/3/50	R513a	DN150	HGKON-5850 MX+MY
HRD DS 230	131,25	400V/3/50	R513a	DN150	-
HRD DS 240	150,00	400V/3/50	R513a	DN150	-
HRD DS 250	175,00	400V/3/50	R513a	DN200	-
HRD DS 260	208,33	400V/3/50	R513a	DN200	-

? What Makes HRD DS so energy efficient and cost effective?

Dryers with digital scroll technology based on the standard refrigerated type dryer can automatically switch to load or unload depending on real-time compressed air demand. This features makes the HRD DS series much more energy-efficient than all other types of refrigerated air dryers.



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