

ITALIAN
COOLING
SOLUTIONS

 HiRef

CHILLERS & HEAT PUMPS PRODUCT LINE

2021

 HiRef

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HF65000090 Rev.F

CHILLERS & HEAT PUMPS PRODUCT LINE 2021

AIR/WATER

	SOURCE	WORKING MODE	RANGE	REFRIGERANT	COMPRESSORS
CBE			7 - 38** (kW)		1 CIRCUIT FULL BLDC
INDOOR CHILLER REMOTE CONDENSED WITH DHW PRODUCTION					
PCC			6 - 154** (kW)		SCROLL 1-2 REFRIGERANT CIRCUITS
PROCESS CHILLER WITH OPEN CIRCUIT AND UPATED PUMP					
HPS			46 - 213*** (kW)		SCROLL EVI VAPOUR INJ. 2 REFRIGERANT CIRCUITS
COLD CLIMATE HEATPUMP -15°C AIR AND HOT WATER 60°C PRODUCTION					
HWC			61 - 220** (kW)		SCROLL 1-2 REFRIGERANT CIRCUITS
INDOOR CHILLER WITH DUCTED AIR DISCHARGE EC RADIAL FANS					
MHA			33 - 309** (kW)		SCROLL BLDC + ON/OFF 1-2 REFRIGERANT CIRCUITS VPF READY
MODULATING CHILLER FOR VARIABLE LOADS AND WATER FLOW					
TPS/TPA			54 - 432** (kW)		SCROLL 1-2 REFRIGERANT CIRCUITS
COMMERCIAL CHILLER HEATPUMP AND FREE-COOLING CHILLER					
CDA			108 - 540** (kW)		RECIPROCATING INVERTER DRIVEN
TRANSCRITICAL CO₂ CHILLER					
MSA			52 - 596** (kW)		SCROLL 2 REFRIGERANT CIRCUITS
MULTIPURPOSE HEATPUMP SEPARATE DEFROST 3 EXPANSION VALVES EACH REFRIGERANT CIRCUIT					
MPS			46 - 213*** (kW)		SCROLL EVI VAPOUR INJ. 2 REFRIGERANT CIRCUITS
COLD CLIMATE MULTIFUNCTION HEATPUMP -15°C AIR AND HOT WATER 63°C PRODUCTION					
TSE			48 - 706** (kW)		SCROLL 1-2 REFRIGERANT CIRCUITS
INDOOR CHILLER REMOTE CONDENSED					
TSL			307 - 1015** (kW)		SCROLL 2-4 REFRIGERANT CIRCUITS
HIGH EFFICIENCY CHILLER HEATPUMP AND FREE-COOLING CHILLER					
MSL			308 - 1200** (kW)		SCROLL 2-4 REFRIGERANT CIRCUITS
HIGH EFFICIENCY MULTIPURPOSE HEATPUMP					
TTX			310 - 1160** (kW)		TURBOCOR
INDUSTRIAL APPLICATIONS CHILLER WITH MODULATING AND OIL - FREE CENTRIFUGAL COMPRESSOR					

AIR/WATER

SOURCE	WORKING MODE	RANGE	REFRIGERANT	COMPRESSORS	
		407 - 1309** (kW)		DOUBLE SCREW ON-OFF/ INVERTER DRIVEN	HCB
INDUSTRIAL APPLICATIONS CHILLER WITH ADIABATIC COOLING TECHNOLOGY					
		50 - 990** (kW)		SCROLL 1-4 REFRIGERANT CIRCUITS	TSA
HIGH EFFICIENCY COMMERCIAL CHILLER HEATPUMP AND FREE-COOLING CHILLER					
		379 - 1416** (kW)		DOUBLE SCREW ON-OFF/INVERTER DRIVEN	TVX
INDUSTRIAL APPLICATIONS CHILLER FOR MULTIPLE REFRIGERANT AND MODULAR LAYOUT					
		395 - 1323** (kW)		SCROLL 1-4 REFRIGERANT CIRCUITS	TSX
COMMERCIAL CHILLER HEATPUMP AND FREE-COOLING CHILLER					

WATER/WATER

SOURCE	WORKING MODE	RANGE	REFRIGERANT	COMPRESSORS	
		12 - 51** (kW)		SINGLE BLDC	CBW
INDOOR MODULATING CHILLER WITH DHW AND 2 WATER PUMPS					
		19 - 275** (kW)		SCROLL 1-2 REFRIGERANT CIRCUITS	KSW P
HIGH TEMPERATURE MULTIPURPOSE WATER HEATPUMP					
		51 - 473** (kW)		SCROLL 1-2 REFRIGERANT CIRCUITS	MSW
MULTIPURPOSE 1 ELECTRONIC EXPANSION VALVE EACH REFRIGERANT CIRCUIT 3 WATER CIRCUITS					
		38 - 590**** (kW)		SCROLL 1-2 REFRIGERANT CIRCUITS EVAPORATION UP TO 40 °C	KSW
HIGH TEMPERATURE WATER HEATPUMP (80°C) FOR INDUSTRIAL APPLICATION AND CASCADE SYSTEMS					
		53 - 810** (kW)		SCROLL 1-2 REFRIGERANT CIRCUITS	XSW
INDOOR CHILLER AND HEATPUMP					
		338 - 1161** (kW)		TURBOCOR	XTW
INDOOR MODULATING UNIT WITH MODULATING AND OIL - FREE CENTRIFUGAL COMPRESSOR					
		542 - 1613** (kW)		DOUBLE SCREW ON-OFF/INVERTER DRIVEN	XVA
INDOOR CHILLER WITH SCREW COMPRESSORS AND SHELL & TUBE EXCHANGERS					
		10 - 200***** (m³/h)		NO COMPRESSORS	PLM
WATER MANAGEMENT MODULE TO GET FREE-COOLING AND MULTIPURPOSE SYSTEMS					

**User side: T water in/out 16 /10 °C, source side : external air 35°C (air/water), T water in/out 30/35°C (water/water)
 *** User side: Twater in/out 40/45°C, source side: external air 7°C
 **** User side: Twater in/out 70/80°C, source side: Twater in/out 45/40°C

*****200 m³/h corresponding to 1.4 MW with ΔT=6 K
 Technical data are subject to change without notice. Please do not use these data for the design phase.