ITALIAN COOLING SOLUTIONS

HiRef

CHILLERS & HEAT PUMPS PRODUCT LINE

2020

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GALLETTI GROUP

HF65000090 Rev.E

CHILLERS & HEAT PUMPS PRODUCT LINE 2020

AIR/WATER

	SOURCE	WORKING MODE	RANGE	REFRIGERANT	COMPRESSORS
INDOOR CHILLER REMOTE CONDENSED WITH DHW PRODUCTION					
CBE			7 - 38** (kW)	R-410A	1 CIRCUIT FULL BLDC
PROCESS CHILLER WITH OPEN CIRCUIT AND UPRATED PUMP					
PCC			6 - 154** (kW)	R-410A, R-454B	SCROLL 1-2 REFRIGERANT CIRCUITS
COLD CLIMATE HEATPUMP -15°C AIR AND HOT WATER 60°C PRODUCTION					
HPS			46 - 213*** (kW)	R-410A	SCROLL EVI VAPOUR INJ. 2 REFRIGERANT CIRCUITS
INDOOR CHILLER WITH DUCTED AIR DISCHARGE EC RADIAL FANS					
HWC			61- 220** (kW)	R-410A	SCROLL 1-2 REFRIGERANT CIRCUITS
MODULATING CHILLER FOR VARIABLE LOADS AND WATER FLOW					
MHA			33 - 309** (kW)	R-410A	SCROLL BLDC + ON/OFF 1-2 REFRIGERANT CIRCUITS VPF READY
COMMERCIAL CHILLER HEATPUMP AND FREE-COOLING CHILLER					
TPS/TPA			54 - 432** (kW)	R-410A, R-454B	SCROLL 1-2 REFRIGERANT CIRCUITS
TRANSCRITICAL CO_2 CHILLER					
CDA			108 - 540** (kW)	R-744	RECIPROCATING INVERTER DRIVEN
MULTIPURPOSE HEATPUMP SEPARATE DEFROST 3 EXPANSION VALVES EACH REFRIGERANT CIRCUIT					
MSA			52 - 596** (kW)	R-410A, R-454B	SCROLL 2 REFRIGERANT CIRCUITS
COLD CLIMATE MULTIFUNCTION HEATPUMP -15°C AIR AND HOT WATER 63°C PRODUCTION					
NEW **MPS**			46 - 213*** (kW)	R-410A	SCROLL EVI VAPOUR INJ. 2 REFRIGERANT CIRCUITS
INDOOR CHILLER REMOTE CONDENSED					
TSE			48 - 706** (kW)	R-410A, R-454B	SCROLL 1-2 REFRIGERANT CIRCUITS
HIGH EFFICIENCY CHILLER HEATPUMP AND FREE-COOLING CHILLER					
TSL			307 - 1015** (kW)	R-410A, R-454B	SCROLL 2-4 REFRIGERANT CIRCUITS
HIGH EFFICIENCY MULTIPURPOSE HEATPUMP					
MSL			308 - 1200** (kW)	R-410A, R-454B	SCROLL 2-4 REFRIGERANT CIRCUITS
INDUSTRIAL APPLICATIONS CHILLER WITH MODULATING AND OIL - FREE CENTRIFUGAL COMPRESSOR					
TTX			310 - 1160** (kW)	R-134a, R-1234ze	TURBOCOR

AIR/WATER

	SOURCE	WORKING MODE	RANGE	REFRIGERANT	COMPRESSORS
INDUSTRIAL APPLICATIONS CHILLER WITH ADIABATIC COOLING TECHNOLOGY					
HCB			407 - 1309** (kW)	R-134a, R-1234ze	DOUBLE SCREW ON-OFF/ INVERTER DRIVEN
COMMERCIAL CHILLER HEATPUMP AND FREE-COOLING CHILLER					
TSX/TSA			50 - 1310** (kW)	R-410A, R-454B	SCROLL 1-4 REFRIGERANT CIRCUITS
Both ranges in phase out starting from June 2020					
INDUSTRIAL APPLICATIONS CHILLER FOR MULTIPLE REFRIGERANT AND MODULAR LAYOUT					
TVX			379 - 1416** (kW)	R-134a, R-1234ze, R-513A	DOUBLE SCREW ON-OFF/INVERTER DRIVEN

WATER/WATER

	SOURCE	WORKING MODE	RANGE	REFRIGERANT	COMPRESSORS
INDOOR MODULATING CHILLER WITH DHW AND 2 WATER PUMPS					
CBW			12 - 51** (kW)	R-410A	SINGLE BLDC
HIGH TEMPERATURE MULTIPURPOSE WATER HEATPUMP					
KSW P			19 - 275** (kW)	R-134a	SCROLL 1-2 REFRIGERANT CIRCUITS
MULTIPURPOSE 1 ELECTRONIC EXPANSION VALVE EACH REFRIGERANT CIRCUIT 3 WATER CIRCUITS					
MSW			51 - 473** (kW)	R-410A, R-454B	SCROLL 1-2 REFRIGERANT CIRCUITS
HIGH TEMPERATURE WATER HEATPUMP (80°C) FOR INDUSTRIAL APPLICATION AND CASCADE SYSTEMS					
KSW			38 - 590**** (kW)	R-134a	SCROLL 1-2 REFRIGERANT CIRCUITS EVAPORATION UP TO 40 °C
INDOOR CHILLER AND HEATPUMP					
XSW			53 - 810** (kW)	R-410A, R-454B	SCROLL 1-2 REFRIGERANT CIRCUITS
INDOOR MODULATING UNIT WITH MODULATING AND OIL - FREE CENTRIFUGAL COMPRESSOR					
XTW			338 - 1161** (kW)	R-134a, R-1234ze	TURBOCOR
INDOOR CHILLER WITH SCREW COMPRESSORS AND SHELL & TUBE EXCHANGERS					
XVW/XVA			542- 1613** (kW)	R-134a, R-1234ze, R-513A	DOUBLE SCREW ON-OFF/INVERTER DRIVEN
Disponibile in versione splittata con condensatore remoto					
WATER MANAGEMENT MODULE TO GET FREE-COOLING AND MULTIPURPOSE SYSTEMS					
PLM			10 - 200***** (kW)		NO COMPRESSORS

**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.