Product Overview

EN

RHOSS

PART OF NIBE GROUP


New air
for the future.

Air is inseparably linked to our well-being: we say we wish for a change of air when we are looking for something new, we go out for a breath of fresh air to clear our minds and we take a deep breath each time we are about to make an important decision.

Here at Rhoss, we know it well. Since 1968 we have been committed to bringing perfectly air-conditioned, heated, regenerated and clean air into public spaces, as well as private ones in order to increase the perception of being in place that is welcoming, enjoyable to stay and good to live in.

We do so by designing air conditioning and treatment systems that always put people's needs first through a conscious approach, which identifies comfort as the virtuous combination of research, technology, quality and energy efficiency.

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NIBE

In 2019, we became part of the NIBE Group, historic player in the high-end eco-friendly Climate Solutions sector. Born in Sweden, a country at the forefront of environmental and social sustainability issues, NIBE is recognized around the world for its attention to the reduction of gas emissions and a better use of energy, in addition to its forward-looking value code, which over time has generated a strong business culture and a sense of belonging for its more than 20,000 employees. Including us.

Becoming part of this international group has given us new energy to grow in research and development and technology, renewing our enthusiasm and commitment for the challenges of tomorrow. Because yes, our future is in the air.



Climate comfort, everywhere.



With this perspective, our solutions - chillers, heat pumps, multi-purpose systems, fan coils and air handling units - fully meet the requirements of the most modern Green Buildings, which have now become the international standard and essential for those operating in our sector.

We design systems for air conditioning, heating and air treatment, always focusing on people's needs and well-being without compromising on the sustainability and energy efficiency of the systems.

Ranging from residential to commercial, we have developed a greater know-how in the creation of complete and customisable systems for the Hospitality, Hospital & Medical, Schools and Office Building sectors: buildings designed to accommodate people, workers or technologies, where it is essential to ensure performance and reliability both in the design stage and the one following installation.

Product range

CHILLERS & HEAT PUMPS

from 5 to 30 kW

Units with **hermetic rotary DC inverter compressors technology** for residential application



from 15 to 1300 kW

Units with **scroll compressors**
Units with **scroll inverter technology**



from 200 to 2000 kW

Units with **stepless screw compressors**
Units with **screw inverter technology**



EXP SYSTEM

from 64 to 1300 kW

Based on **multi-purpose system** to satisfy cold and hot water demands simultaneously or independently with a single unit



FAN COILS & TERMINALS

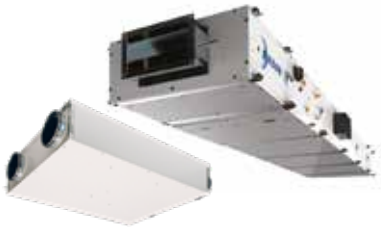
from 55 to 3900 m³/h



AIR HANDLING TERMINALS & HEAT RECOVERY UNITS

from 150 to 16500 m³/h

Ductable air handling terminal unit and fresh air terminal units with heat recovery.



AIR HANDLING UNITS, DEHUMIDIFIERS

from 700 to 105000 m³/h

Modular and **Custom**
Air Handling Units for civil, commercial and industrial uses.
Dehumidifiers for indoor pools.



Product overview

Features

CHILLERS - HEAT PUMPS

AIR-COOLED - AXIAL FANS

		Webcode	Type of refrigerant	Cooling only	Heat pump	Inverter	Compressor	Cooling capacity (kW)	Heating capacity (kW)	RANGE
Electa-PI NEW		EU007	R290		•	•		4,5÷14 kW	4,5÷15,5 kW	0 ÷ 17,5 kW
Electa-ECO		EE001	R32		•	•		4÷13 kW	6÷15,5 kW	0 ÷ 17,5 kW
Electa-ECOS-B		EESB1	R32		•	•		3,2÷6,5 kW	4÷9,5 kW	0 ÷ 17,5 kW
Electa-ECOS.2-B		EESB2	R32		•	•		11,3÷11,6 kW	14,5÷16,1 kW	0 ÷ 17,5 kW
Electa-ECOS-B-IN		EESI1 EESB1	R32		•	•		3,1÷6,5 kW	4÷9,5 kW	0 ÷ 17,5 kW DHW capacity: 150 l +150l
Electa-ECOS-T		EEST1	R32		•	•		3,1÷6,5 kW	4÷9,5 kW	0 ÷ 17,5 kW Capacity DHW: 185 l
Electa-SAN Plus		ESW02	R134a		•					DHW capacity: 200-300 L
ElectaMAXI-ECO		EEM01	R32		•	•		17÷29,5 kW	18÷30 kW	17,5 ÷ 100 kW
MidiPACK-PI NEW		MDI07	R290		•	•		18,7÷32,6 kW	20,8÷40,9 kW	17,5 ÷ 100 kW
MidiPACK-PI NEW		MDI17	R290	•	•	•		34,6÷70,5 kW	38,2÷71,2 kW	17,5 ÷ 100 kW
MidiPACK-I ECO		MDI12	R32	•	•	•		30,1÷55,2 kW	42÷58,8 kW	17,5 ÷ 100 kW
POKER-PI		PKI07	R290		•	•		41,8÷166,3 kW	47,5÷190,9 kW	17,5 ÷ 100 kW 101 ÷ 350 kW
UniPACK-PI		UPI07	R290	•	•	•		66,9÷153,9 kW	72,1÷159,2 kW	17,5 ÷ 100 kW 101 ÷ 350 kW
EasyPACK-I ECO		EAI02	R32	•	•	•		67÷127,7 kW	70,3÷127,3 kW	17,5 ÷ 100 kW 101 ÷ 350 kW
EasyPACK-I		EAI01	R410A		•	•		67,1÷126,5 kW	71,2÷134,6 kW	17,5 ÷ 100 kW 101 ÷ 350 kW
POKER-P		PK017	R290		•			44,8÷178,3 kW	47,4÷190,5 kW	17,5 ÷ 100 kW 101 ÷ 350 kW
UniPACK-P		UP007	R290		•			47,9÷158,8 kW	50,1÷163,7 kW	17,5 ÷ 100 kW 101 ÷ 350 kW
EasyPACK ECO		EAS02	R32	•	•			69,4÷153,7 kW	75,2÷152,3 kW	17,5 ÷ 100 kW 101 ÷ 350 kW
EasyPACK ECO HT65		EAS25	R454B		•			66,4÷86,2 kW	77,8÷101,5 kW	17,5 ÷ 100 kW 101 ÷ 350 kW
EasyPACK		EAS01 EAS11	R410A		•			63,7÷139,4 kW	70,3÷151,7 kW	17,5 ÷ 100 kW 101 ÷ 350 kW
WinPACK-P NEW		WKE07	R290	•	•			66,9÷153,9 kW	72,1÷159,2 kW	17,5 ÷ 100 kW 101 ÷ 350 kW
WinPACK ECO		WKE12	R32	•	•			147,7÷356,6 kW	159,3÷347,4 kW	101 ÷ 350 kW 351 ÷ 500 kW

Features

CHILLERS - HEAT PUMPS

Features	Webcode	Type of refrigerant	Cooling only	Heat pump	Inverter	Compressor	Cooling capacity (kW)	Heating capacity (kW)	RANGE: 0 ÷ 17,5 kW	17,5 ÷ 100 kW	101 ÷ 350 kW	351 ÷ 500 kW	501 ÷ 700 kW	701 ÷ 900 kW	901 ÷ 1200 kW	> 1201 kW
AIR-COOLED - AXIAL FANS																
WinPACK ECO HT65 	WKE45	R454B		●			103,6÷175,8 kW	120,7÷197,4 kW								
WinPACK HE-A 	WKE11	R410A		●			91,6÷334,1 kW	110,5÷357 kW								
WinPACK SE 	WK011	R410A		●			97,6÷324,7 kW	109,5÷354,6 kW								
WinPOWER ECO 	WPE05 WPE15	R454B	●	●			349,7÷910,5 kW	368,3÷802,5 kW								
WinPOWER ECO TWIN 	WPE25	R454B		●			859,3÷1309,2 kW	868,7÷1308,8 kW								
FullPOWER ECO VFD **FullPOWER ECOA1 VFD** 	FPV34 FPV36	R1234 ze R515B	●		●		312,6÷1401,2 kW									
FullPOWER ECO VFD (1+i) **FullPOWER ECOA1 VFD (1+i)** 	FPV44 FPV46	R1234 ze R515B	●		●		377,7÷1380,2 kW									
FullPOWER EVO VFD 	FPV33	R513A	●		●		550,4÷1850,1 kW									
FullPOWER EVO VFD (1+i) 	FPV43	R513A	●		●		548,4÷1831,1 kW									
FullPOWER ECO **FullPOWER ECOA1** 	FPE24 FP024 FPE26 FP026	R1234 ze R515B	●				314,7÷1550,1 kW									
FullPOWER EVO 	FPE23 FP023	R513A	●				336,6÷1946,1 kW									
FREECOOLING MODULES																
FREECOOLING Modules 	FCM01		●				56,8÷1.343,8 kW									
AIR-COOLED - CENTRIFUGAL FANS																
Y-Pack C-PF 	YKC11	R410A		●			61,6÷159,3 kW	68,3÷175,6 kW								
WATER-COOLED																
MidiFLOW-PI NEW 	MFI07	R290	●	●	●		15,2÷45,9 kW	17,6÷51,2 kW								
EasyFLOW ECO **EasyFLOW** 	EF005 EF001	R454B R410A	●	●			45÷197,4 kW	53,2÷231,6 kW								
EasyFLOW ECO HT **EasyFLOW ECOA1 HT** 	EF004 EF006	R1234 ze R515B		●			60,1÷192,5 kW	68÷219,6 kW								
WinFLOW ECO **WinFLOW** 	WF005 WF001	R454B R410A	●	●			180,2÷396,9 kW	205,4÷455,7 kW								
FLOW BOOSTER EVO NEW 	FLB03	R513A		☼				59,3÷279,7 kW								
FullFLOW ECO VFD (1+i) 	FFE04	R1234 ze	●		●		285,6÷1217,2 kW									

Product overview

Features		Webcode	Type of refrigerant	Cooling only	EXP system	Inverter	Compressor	Cooling capacity (kW)	Heating capacity (kW)	RANGE 0 ÷ 17,5 kW	17,5 ÷ 100 kW	101 ÷ 350 kW	351 ÷ 500 kW	501 ÷ 700 kW	701 ÷ 900 kW	901 ÷ 1200 kW	> 1201 kW
CHILLERS - HEAT PUMPS																	
WATER-COOLED																	
FullFLOW VFD (1+i)		FFE03	R513A	•		•		389,5÷1701,1 kW									
FullFLOW-I BOOSTER ECO **FullFLOW-I BOOSTER ECOA1**		FFB04 FFB06	R1234 ze R515B			•			401,4÷1000,5 kW								
FullFLOW ECO DX **FullFLOW ECOA1 DX**		FFD04 FFD06	R1234 ze R515B	•				227,8÷1534,8 kW	266,4÷1351,6 kW								
FullFLOW DX		FFD03	R513A	•				201,7÷1455,2kW									
FullFLOW BOOSTER ECO **FullFLOW BOOSTER ECOA1**		FFB14 FFB16	R1234 ze R515B						336,4÷843,1 kW								
CONDENSERLESS UNITS																	
Y-Flow E		YFC41	R410A	•				13,7÷36,9 kW									
EasyFLOW ECO E **EasyFLOW E**		EFC05 EFC01	R454B R410A	•				38,6÷170,5 kW									
WinFLOW ECO E **WinFLOW E**		WFC05 WFC01	R454B R410A	•				166,5÷360,2 kW									
Z-Flow E		ZFC01	R134a	•				171,9÷1424,8 kW									
EXP - Multi-purpose systems																	
AIR-COOLED - AXIAL FANS																	
EasyPACK-I EXP		EAX01	R410A	•		•		64,4÷125,9 kW	71÷133,2 kW								
UniPACK-P EXP		UPX07	R290	•				47÷158,8 kW	49,1÷161,1 kW								
EasyPACK ECO EXP		EAX05	R454B	•				67,2÷133,8 kW	71÷136,9 kW								
WinPACK-P EXP NEW		WKX07	R290	•				187,8÷414,7 kW	196,3÷430,3 kW								
WinPACK ECO EXP		WKX15	R454B	•				135,7÷333,6 kW	144,3÷351,4 kW								
WinPACK EXP		WKX11	R410A	•				137,7÷339,6 kW	150,3÷372,4 kW								
WinPOWER ECO EXP		WPX05	R454B	•				352,7÷816,5 kW	363,3÷791,5 kW								
WinPOWER ECO EXP TWIN		WPX25	R454B	•				841,3÷1283,2 kW	858,7÷1290,8 kW								
WATER-COOLED																	
EasyFLOW ECO EXP **EasyFLOW EXP**		EFX05 EFX01	R454B R410A	•				44,9÷186,6 kW	53,1÷221,5 kW								
WinFLOW ECO EXP **WinFLOW EXP**		WFX05 WFX01	R454B R410A	•				180÷373,8 kW	200,1÷435,7 kW								

Features	Webcode	Type of refrigerant	Rhoss TEMA APP	Inverter	Compressor	Cooling capacity (kW)	Heating capacity (kW)	RANGE 0 ÷ 5 Kw	6 ÷ 10 Kw	11 ÷ 15 Kw	16 ÷ 20 Kw	21 ÷ 25 Kw	26 ÷ 30 Kw	31 ÷ 35 Kw	> 36 Kw
System accessories															
BOILERS FOR DOMESTIC HOT WATER															
KACS 	ACCBL							Capacity DHW: 200-300-500 L							
THERMAL FLYWHEEL															
KSI 	ACCSB							Capacity: 25-50-100-200 L							
Fan coils															
FLOOR, CEILING, RECESSED WALL OR FALSE CEILING INSTALLATION															
BRIO-I SLIM 	BRIS1			•		1÷4 kW	1,4÷5,5 kW								
COVER for BRIO-I SLIM 	BRIS1					1÷4 kW	1,1÷4,6 kW								
YARDY-I EV3 	YARI3			•		1,9÷8,4 kW	2,5÷11,8 kW								
YARDY EV3 	YARV3					1÷8,3 kW	1,4÷11,7 kW								
COVER for YARDY 	YARV3 YARI3			•		1,8÷4,8 kW	2,3÷5,8 kW								
DUCTED INSTALLATION															
YARDY-ID2 	YAID2			•		3÷6,3 kW	3,9÷8,7 kW								
YARDY-DUCT2 	YADC2					1,9÷5,7 kW	2,4÷7,2 kW								
YARDY-HP 	YAHP1					7÷19,8 kW	9,9÷29,6 kW								
FALSE CEILING BOXES															
DIVA-I 	DIVI1			•		2,7÷10,7 kW	3,4÷12,7 kW								
DIVA-XLI DIVA-XLI SWING 	DIXI1 DIXS1			•		12,6÷15,1 kW	13,4÷16,4 kW								
DIVA 	DIVA1					1,9÷10,9 kW	2,6÷14 kW								
WALL MOUNTING INSTALLATION															
IDROWALL-I **IDROWALL-I/V3** 	IDRO2 IDRO1			•		2,2÷6,1 kW	2,4÷8 kW								
CONTROLS FOR FAN COILS															
SLIM-Touch 	ACREG														
LIT-Touch 	ACREG														
Standard controls	ACREG														

Product overview

Features		Webcode	Type of refrigerant	Cooling only	Heat pump	Inverter	Compressor	Cooling capacity (kW)	Heating capacity (kW)	RANGE
Air handling terminal units and heat recovery units										
AIR HANDLING TERMINAL UNITS										
UTNA Platinum		UTAP1				•		6,4÷70 kW	4,9÷78 kW	
HEAT RECOVERY UNITS										
UTNR-T FRESH		UTFR1				•				Air flow rate: 400÷3.300 m³/h
UTNR-A Platinum		UTNR3				•				Air flow rate: 400÷4.700 m³/h
UTNR-HE Platinum		UTHE3				•				Air flow rate: 310÷4.250 m³/h
UTNR-HP		UTHP1	R410A			•	◉			Air flow rate: 350÷4.500 m³/h
VMC-E		VMC01				•				Air flow rate: 250÷1.300 m³/h
CONTROLS FOR TERMINAL UNITS										
Full CONTROLS		VMC01								
Air Handling Units										
CUSTOM AIR HANDLING UNITS										
ADV-DNAIR NEW		DNA01 DNA02								Air flow rate: 700÷95.000 m³/h
ADV-CUSTOM		CTCT								Air flow rate: 850÷104.970 m³/h
POOL DEHUMIDIFIERS										
Dry-Pool		DP001 DOM01	R410A				◉			Dehumidification capacity: 37-140 l/h

		Webcode

Management, control and monitoring systems

Rhoss TEMA NEW 	**Rhoss fan coil unit control app**	TEMA
SYS-TO **System Touch Manager & Web APP**	**Integrated system management**	SUVIS
MTM **Multi Technology Manager**	**Chiller management software**	MTM01
SIR **Rhoss Integrated Sequencer**	**Chiller management software**	SIR01
RHOSS MONITORING: Mobile - Cloud - Real time	**Remote monitoring**	MON01
RHOSS WEB SERVER	**Control and monitoring via ETHERNET**	WBS01

Tools

UP TO DATE - Product selection software	
Dry pool - Product selection software	
ADV-DNAIR e CTA ADV Custom - Product selection software	

Rhoss Solutions

INDOOR AIR QUALITY SOLUTIONS	
Air Suite	AIRST
Photocatalytic filter	
VARIABLE FLOW RATE SYSTEMS SOLUTIONS	
VPF **Variable Primary Flow**	

Key

Rotary compressor	Screw compressor	Scroll compressor

New air
for the future.

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