

# RPE X - HPE X 58÷170

Water refrigerators and heat pumps axial fans


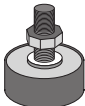
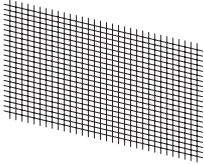
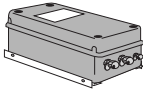

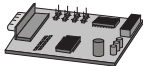
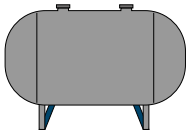
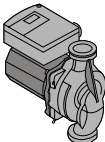


Model	Standard Code	Super Silenced Code	Cooling Output kW	Heating Output kW	Standard €	Super Silenced €
RPE X 58 only cooling	38604399	38604499	46,60	-	18.240,00	19.700,00
RPE X 62 only cooling	38604400	38604500	53,70	-	19.740,00	21.600,00
RPE X 72 only cooling	38605400	38605500	62,20	-	21.290,00	23.800,00
RPE X 80 only cooling	38606400	38606500	71,30	-	22.380,00	24.900,00
RPE X 90 only cooling	38607400	38607500	81,70	-	25.440,00	26.900,00
RPE X 105 only cooling	38608400	38608500	94,30	-	30.680,00	32.080,00
RPE X 120 only cooling	38609400	38609500	108,00	-	32.600,00	35.600,00
RPE X 135 only cooling	38610400	38610500	124,00	-	34.600,00	37.080,00
RPE X 155 only cooling	38611400	38611500	144,00	-	40.774,00	45.100,00
RPE X 170 only cooling	38611402	-	174,00	-	45.546,00	-
HPE X 58 heat pump	38604398	38604498	46,60	53,30	20.700,00	22.600,00
HPE X 62 heat pump	38604401	38604501	53,70	60,90	22.414,00	24.500,00
HPE X 72 heat pump	38605401	38605501	62,20	70,30	24.824,00	27.360,00
HPE X 80 heat pump	38606401	38606501	71,30	79,10	26.440,00	28.940,00
HPE X 90 heat pump	38607401	38607501	81,70	89,00	29.980,00	32.420,00
HPE X 105 heat pump	38608401	38608501	94,30	103,00	36.000,00	37.860,00
HPE X 120 heat pump	38609401	38609501	108,00	118,00	37.650,00	40.600,00
HPE X 135 heat pump	38610401	38610501	124,00	133,00	39.980,00	44.300,00
HPE X 155 heat pump	38611401	38611501	144,00	152,00	47.090,00	51.600,00
HPE X 170 heat pump	38611403	-	174,00	184,00	53.300,00	-

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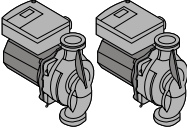

## Accessories RPE X - HPE X 58÷170

		Code	€
	Compressors noise insulation version STANDARD	mod. 58÷80	38600416 800,00
		mod. 90	38600417 960,00
		mod. 105÷120	38600418 990,00
		mod. 135	38600419 1.300,00
		mod. 155÷170	38600420 1.600,00
	Rubber vibration absorber STANDARD	mod. 58÷90	38600421 400,00
		mod. 105÷135	38600422 500,00
		mod. 155÷170	38600423 900,00
	Rubber vibration absorber SUPER SILENCED	mod. 58÷90	38600424 400,00
		mod. 105÷135	38600425 500,00
mod. 155÷170		38600426 900,00	
	exchanger protection grid version STANDARD	mod. 58÷80	38600435 430,00
		mod. 90÷135	38600436 494,00
		mod. 155÷170	38600437 960,00
	Exchanger protection grid version SUPER SILENCED	mod. 58÷80	38600438 430,00
		mod. 90÷105	38600439 494,00
mod. 120÷170		38600440 960,00	
	Control condensation to - 20 °C	38600427	2.200,00
	Remote control panel	38600428	360,00
	Serial port RS 485	38600429	360,00
	Water tank 400 liters Pressure vessel 12 liters	mod. 58÷135	38600430 2.680,00
	Water tank 600 liters Pressure vessel 18 liters	mod. 155÷170	38600431 3.100,00
	Water pump	mod. 58÷80	38600432 1.750,00
		mod. 90	38600433 1.860,00
		mod. 105÷170	38600434 1.880,00

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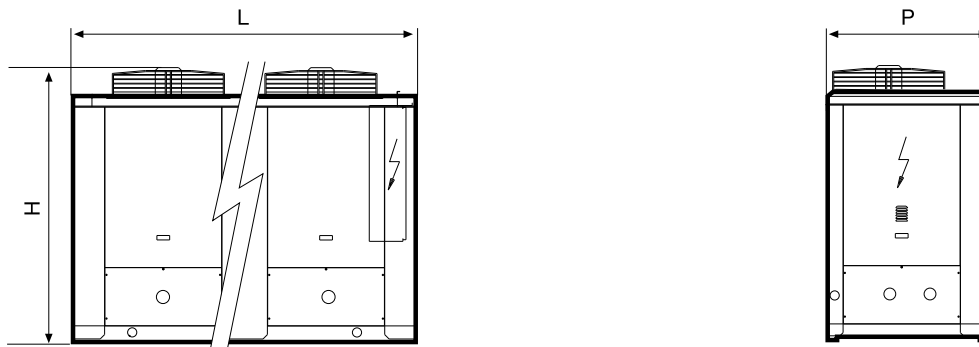
## Accessories RPE X - HPE X 58÷170

		Code	€
	Double waters pumps	mod. 58÷80	38600441 3.080,00
		mod. 90	38600442 3.240,00
		mod. 105÷170	38600443 3.360,00
	Manometer high/low pressure	mod. 58÷135	35600462 260,00
		mod. 155÷170	35600463 460,00
	Thermo magnet switchers	mod. 58÷62	38600464 660,00
		mod. 72÷80	38600465 980,00
		mod. 90	38600466 1.020,00
		mod. 105÷120	38600467 1.060,00
		mod. 135	38600468 1.250,00
		mod. 155	38600469 1.400,00
	Total heat recovery	mod. 170	38600470 1.660,00
		mod. 58	38600444 5.160,00
		mod. 62	38600445 5.350,00
		mod. 72	38600446 5.600,00
		mod. 80	38600447 5.840,00
		mod. 90	38600448 6.250,00
		mod. 105	38600449 6.800,00
		mod. 120	38600450 7.400,00
	Desuperheater	mod. 135	38600451 7.970,00
		mod. 155	38600452 10.300,00
		mod. 170	38604453 11.140,00
		mod. 58÷62	38600454 2.000,00
		mod. 72	38600455 2.080,00
		mod. 80	38600456 2.260,00
		mod. 90	38600457 2.300,00
		mod. 105÷120	38600458 2.420,00
	Device for operation for low water temperature	mod. 135	38600459 2.800,00
		mod. 155	38600460 3.100,00
		mod. 170	38600461 4.400,00
		mod. 58	38600471 3.040,00
		mod. 62	38600472 3.140,00
		mod. 72	38600473 3.200,00
		mod. 80	38600474 3.220,00
		mod. 90	38600475 3.400,00
		mod. 105	38600476 3.600,00
		mod. 120	38600477 3.780,00
		mod. 135	38600478 4.100,00
		mod. 155	38600479 4.260,00
		mod. 170	38600480 4.290,00

# RPE X - HPE X 58÷170

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## Dimensions RPE X - HPE X 58÷170



RPE X - HPE X	58	62	72	80	90	105	120	135	155	170
L Standar	2350	2350	2350	2350	2350	2350	2350	2350	3550	3550
L Super silenced	2350	2350	2350	2350	2350	2350	3550	3550	3550	-
P	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
H	1920	1920	1920	1920	2220	2220	2220	2220	2220	2220

Valori espressi in mm

## Technical datasheet refrigerators and heat pumps RPE X - HPE X 58÷90

DESCRIPTION	U.M.	58	62	72	80	90
Cooling output (1)	kW	46,6	53,7	62,2	71,3	81,7
Power absorption (1)	kW	16,6	19,4	22,4	25,7	29,0
EER (1)	W/W	2,81	2,77	2,77	2,78	2,82
Heating output (2)	kW	53,3	60,9	70,3	79,1	89,0
Power absorption (2)	kW	17,5	19,8	23,3	25,7	29,1
Cop (2)	W/W	3,05	3,07	3,01	3,08	3,06
Heating output (3)	kW	56,2	64,1	74,1	83,3	93,8
Power absorption (3)	kW	14,7	16,6	19,7	21,6	24,5
Cop (3)	W/W	3,82	3,86	3,76	3,85	3,83
Compressors	n.	2				
Cooling circuits	n.	1				
Output steps	n.	2				
Water flow rate	l/s	2,27	2,62	3,03	3,48	3,98
Water pressure drop	kPa	45	48	43	48	43
Fans (V. STANDARD)	n.	1		2		
Air flow rate (V. STANDARD)	m <sup>3</sup> /s	4,8	4,7	7,1	7,1	7,3
Power absorption (V. STANDARD)	kW	1,3	1,3	2,0	2,0	2,0
Fans (V. SUPER SILENCED)	n.	2	2	2	2	2
Air flow rate (V. SUPER SILENCED)	m <sup>3</sup> /s	4,1	3,9	5,7	5,7	6,0
Power absorption (V. SUPER SILENCED)	kW				1,5	
Power supply		0,6		400V/3+N/50Hz		
Max current	A	40	43	52	56	65
Peak current max	A	163	165	175	188	232
Sound level (V. STANDARD) (4)	dB(A)	56,5		60,5		
Sound level (V. SUPER SILENCED) (4)	dB(A)	52,5		56,5		55,5
Power pump	kW	0,75			1,10	
Pump head	kPa	120	110		140	
Tank capacity	l	12				
Water pipe connection	"	1 1/2				
Transport weight	kg	595	624	663	682	791
Weight	kg	600	630	670	690	800

(1) refrigerated water from 12 to 7 °C, outdoor temperature 35 °C..

(2) warm water from 40 to 45 °C, outdoor temperature 7 °C dry bulb/6 °C wet bulb

(3) warm water from 30 to 35 °C, outdoor temperature 7 °C dry bulb/6 °C wet bulb

(4) Sound pressure level measured in free field at 10 m of distance from the unit (Q=2) according to ISO 3744

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**Tabella dati tecnici refrigeratori e pompe di calore RPE X - HPE X 105÷170**

DESCRIPTION	U.M.	105	120	135	155	170
Cooling output (1)	kW	94,3	108,0	124,0	144,0	174,0
Power absorption (1)	kW	32,5	38,9	44,4	51,4	59,8
EER (1)	W/W	2,91	2,78	2,80	2,81	2,92
Heating output (2)	kW	103,0	118,0	133,0	152,0	184,0
Power absorption (2)	kW	33,7	38,9	44,2	50,7	61,0
Cop (2)	W/W	3,08	3,04	3,02	3,01	3,02
Heating output (3)	kW	110,0	125,0	140,0	160,0	194,0
Power absorption (3)	kW	28,3	32,9	37,4	43,0	51,6
Cop (3)	W/W	3,89	3,80	3,74	3,72	3,76
Compressors	n.	3			4	
Cooling circuits	n.	1			2	
Output steps	n.	3			4	
Water flow rate	l/s	4,58	5,27	6,06	7,04	8,49
Water pressure drop	kPa	58	46	53	48	48
Fans (V. STANDARD)	n.	2				3
Air flow rate (V. STANDARD)	m <sup>3</sup> /s	7,1	9,7	9,7	11,4	15,0
Power absorption (V. STANDARD)	kW	2,5			3,8	N.P.
Fans (V. SUPER SILENCED)	n.	2			3	
Air flow rate (V. SUPER SILENCED)	m <sup>3</sup> /s	7,7	9,2	8,9	11,8	N.P.
Power absorption (V. SUPER SILENCED)	kW	2,5			3,8	N.P.
Power supply		400V/3+N/50Hz				
Max current	A	75	85	103	111	133
Peak current max	A	199	218	265	243	300
Sound level (V. STANDARD) (4)	dB(A)	60,5	61,5			
Sound level (V. SUPER SILENCED) (4)	dB(A)	55,5			56,5	N.P.
Power pump	kW	1,50				1,85
Pump head	kPa	150	140	120	110	100
Tank capacity	l	12			18	
Water pipe connection	"	2 1/2				
Transport weight	kg	878	927	1036	1135	1347
Weight	kg	890	940	1050	1150	1390

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