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Efficient Chiller Solutions Specific To Your Industrial Cooling Needs



OCU CHILLER Series

ozen®
KOMPRESÖR
EXCLUSIVELY COMPRESSED AIR SOLUTIONS

THE DETAILS THAT DELIVER THE RIGHT RESULTS...

ozen®
KOMPRESÖR

EXPERIENCE

Ozen Kompresor, with its industry experience of half-a-century and its large portfolio of compressed air products, provides, reliable, efficient and smart solutions.

TRUST

Ozen's dedication to customer satisfaction has helped the company to build lasting relationships of trust and loyalty with its customers.

DURABLE & EFFICIENT

All of the compressed air equipment in Ozen's portfolio have proven their durability under the toughest conditions. They provide high-quality, high-efficiency air.

QUALITY

Manufacturing consistently high-quality products is one of Ozen's fundamental tenets. To that end, Ozen continuously enhances its quality policies.

TECHNOLOGY

Ozen Kompresor is innovative. It always uses up-to-date technologies in compliance with world-standards.

R & D

With its creative team and modern infrastructure, Ozen is capable of developing its own technology through collaborations with several universities.

STRONG SERVICE NETWORK

Ozen Kompresor believes in maintainability. Its customers can enjoy uninterrupted manufacturing thanks to its accessible, fast and reliable service network.

COMPETITIVE

Ozen Kompresor acts in favor of its customers. Providing them with leverage is one of Ozen's strong suits.

RESPECT FOR THE ENVIRONMENT

Striving for a sustainable future, Ozen Kompresor selects for environmentally friendly practices and takes all necessary precautions while structuring its work processes.

OCU Chiller Series

Efficient Chiller Solutions Specific To Your Industrial Cooling Needs

Özen Kompresör OCU Chiller series have been designed for the industries that need continuous cooling and efficient operation. Due to its success in providing constant cooling, OCU Chiller series are preferred by many industries from plastics to paint, cosmetics to food, where the companies want to manufacture high-quality products.

Industrial coolers control the temperature of the equipment in order to save production time, increase production quality and avoid sudden failures. Thereby, they prevent heat damage that would occur in the production system during production in certain industrial applications.

OCU Chiller series, which can be configured in accordance with the needs of every environment, have two different options as air-cooled and water-cooled chillers.

Air-cooled chiller can be used in one-piece or by dividing into various configurations. This flexibility has contributed to its general popularity among the designers of the cooled water systems. Air-cooled chiller varies from the models with small capacities to several hundred tons of models, which are used to cool large commercial buildings.

The difference of air-cooled chiller from water-cooled chiller is that it cools the hot refrigerant in the condenser circuit by using water. Generally, a cooling tower is used for the water need.



Body

> Supporting and modular structure, which is designed in a way that it would contain different technologies to accelerate the production and increase the quality standard.



Fan

> Axial fans improve heat exchange with less consumption and maximum efficiency. They offer different options from phase controlled asynchronous engines to the electronic engines without EC brush and over-pressure engines for special applications.



Condenser

> It is designed to guarantee and increase the efficiency in every application. It reduces the gas content significantly to decrease greenhouse effect while increasing thermogram efficiency with microchannel technology.



Electrical Panel

> Electrical panel, which ensures precise and correct management of the unit, has been developed with an experience of many years.



Compressor

> Compressor is in the central position of the cooling group. There are scroll hermetic, semi hermetic, screw and screw inverter compressors.



Evaporator

> The heat exchangers provide maximum power thanks to their first grade efficiency levels.



Specifications				
OCU 8		NOMINAL YIELD	kW	7,5(çevre sıcaklığı:25 C°/su çıkış sıcaklığı:15 C°)
		TOTAL COP		4,6
	COMPRESSOR	COMPRESSOR TYPE		HERMETIC RECIPROCATING
		COMPRESSOR QUANTITY		1
		TOTAL COMPRESSOR POWER	kW	1,4
		TOTAL COMPRESSOR CURRENT	A	3,0
	FAN	FAN TYPE		AXIAL
		FAN QUANTITY		1
		TOTAL FAN POWER	kW	0,24
		TOTAL FAN POWER	A	1,06
		TOTAL FAN FLOW RATE	m³/h	4235
		FAN DIAMETER	mm	400
	INTERNAL PUMP	PUMP QUANTITY		1
		TOTAL PUMP POWER	kW	0,37
		PUMP PRESSURE	bar	2,7
		PUMP FLOW RATE	m³/h	1,2
	EXTERNAL PUMP	PUMP TYPE		CENTRIFUGAL
		PUMP QUANTITY		EXTERNAL PUMP NOT AVAILABLE
		TOTAL PUMP POWER	kW	-
		PUMP PRESSURE	bar	-
		PUMP FLOW RATE	m³/h	-
	CONDENSER	PUMP TYPE		-
		CONDENSER TYPE		ALUMINUM MICROCHANNEL CONDENSER
	EVAPORATOR	CONDENSER QUANTITY		1
		EVAPORATOR TYPE		IMMERSION
		EVAPORATOR QUANTITY		1
	ELECTRICAL DATAS	NUMBER OF CIRCUITS		1
		TOTAL POWER	kW	2,0
		TOTAL CURRENT	A	5,5
		VOLTAGE		380-415 V / 3 PH / 50 Hz
		CABLE CROSS-SECTION		4X2,5+2,5 mm²

Specifications			
OCU 8	TECHNICAL INFORMATION	CONTROL BOARD	DIJITAL ON/OFF CONTROL
		REFRIGERANT TYPE	R 407C
		REFRIGERANT CHARGE	KG 2
		WATER OUTLET	1/2"
		WATER INLET	1/2"
		FILLING	1/2"
		DRAIN	1/2"
		WATER TANK	LT 50
		L/W/H DIMENSIONS	mm 870 / 700 / 1162
		EMPTY WEIGHT	KG 200
		WORKING WEIGHT	KG 220

CAPACITY								
MODEL	AMBIENT TEMPERATURE	OUTLET WATER TEMPERATURE		+15	+10	+7	+5	0
OCU 8	25 C°	COOLING CAPACITY	kW	7,5	6	5,4	4,8	3,8
		ABSORBED POWER	kW	1,4	1,4	1,4	1,4	1,3
		ABSORBED CURRENT	A	3	2,9	2,9	2,9	2,8
		C.O.P.		5,3	4,4	4	3,7	3
	35 C°	COOLING CAPACITY	kW	6,3	5,1	4,5	4	3
		ABSORBED POWER	kW	1,7	1,6	1,6	1,5	1,4
		ABSORBED CURRENT	A	3,3	3,2	3,1	3	2,9
		C.O.P.		3,8	3,1	2,9	2,7	2,2
	45 C°	COOLING CAPACITY	kW	5,1	4,1	3,6	3,2	2,4
		ABSORBED POWER	kW	1,1	1,9	1,7	1,7	1,5
		ABSORBED CURRENT	A	3,6	3,5	3,3	3,3	3
		C.O.P.		2,7	2,3	2,1	2	1,6



SUBCOOLING: 0 K / SUPERHEAT: 10 K
- Cable length of 25 meters is given for a top coating for longer distances center.
- The water flow rate and the pressure is valid for max 10 metres. Use a tank and proses pump for long piping.

Specifications				
OCU 25		NOMINAL YIELD	kW	28(çevre sıcaklığı:25 C°/su çıkış sıcaklığı:15 C°)
		TOTAL COP		5,7
	COMPRESSOR	COMPRESSOR TYPE		HERMETIC SCROLL
		COMPRESSOR QUANTITY		1
		TOTAL COMPRESSOR POWER	kW	4,2
		TOTAL COMPRESSOR CURRENT	A	9,2
	FAN	FAN TYPE		AXIAL
		FAN QUANTITY		1
		TOTAL FAN POWER	kW	0,69
		TOTAL FAN POWER	A	1,43
		TOTAL FAN FLOW RATE	m³/h	9195
		FAN DIAMETER	mm	500
	INTERNAL PUMP	PUMP QUANTITY		1
		TOTAL PUMP POWER	kW	1,1
		PUMP PRESSURE	bar	3,4
		PUMP FLOW RATE	m³/h	5
	EXTERNAL PUMP	PUMP TYPE		STAINLESS CENTRIFUGAL
		PUMP QUANTITY		EXTERNAL PUMP NOT AVAILABLE
		TOTAL PUMP POWER	kW	-
		PUMP PRESSURE	bar	-
		PUMP FLOW RATE	m³/h	-
		PUMP TYPE		-
	CONDENSER	CONDENSER TYPE		ALUMINUM MICROCHANNEL CONDENSER
		CONDENSER QUANTITY		1
	EVAPORATOR	EVAPORATOR TYPE		SHELL AND TUBE
		EVAPORATOR QUANTITY		1
		NUMBER OF CIRCUITS		1
	ELECTRICAL DATAS	TOTAL POWER	kW	6
		TOTAL CURRENT	A	13
		VOLTAGE		380-415 V / 3 PH / 50 Hz
		CABLE CROSS-SECTION		4X6+6 mm²

Specifications				
OCU 25	TECHNICAL INFORMATION	CONTROL BOARD		DIJITAL ON/OFF CONTROL
		REFRIGERANT TYPE		R 410A
		REFRIGERANT CHARGE	KG	7,5
		WATER OUTLET		1 1/2"
		WATER INLET		1 1/2"
		FILLING		1/2"
		DRAIN		1/2"
		WATER TANK	LT	260
		L/W/H DIMENSIONS	mm	1700 / 830 / 1300
		EMPTY WEIGHT	KG	425
		WORKING WEIGHT	KG	680

CAPACITY								
MODEL	AMBIENT TEMPERATURE	OUTLET WATER TEMPERATURE		+15	+10	+7	+5	0
OCU 25	25 C°	COOLING CAPACITY	kW	28	23	21	19	16
		ABSORBED POWER	kW	4,2	4,3	4,4	4,4	4,4
		ABSORBED CURRENT	A	9,2	9,2	9,2	9,2	9,2
		C.O.P.		6,6	5,4	4,8	4,4	3,6
	35 C°	COOLING CAPACITY	kW	24	20	18	17	14
		ABSORBED POWER	kW	5,2	5,3	5,3	5,3	5,3
		ABSORBED CURRENT	A	10,3	10,4	10,4	10,4	10,4
		C.O.P.		4,6	3,8	3,4	3,2	2,6
	45 C°	COOLING CAPACITY	kW	20	17	15	14	11
		ABSORBED POWER	kW	6,3	6,4	6,4	6,4	6,4
		ABSORBED CURRENT	A	12	12	12	12	12
		C.O.P.		3,2	2,7	2,4	2,2	1,8



SUBCOOLING: 0 K / SUPERHEAT: 10 K
- Cable length of 25 meters is given for a top coating for longer distances center.
- The water flow rate and the pressure is valid for max 10 metres. Use a tank and proses pump for long piping.

Specifications				
OCU 50		NOMINAL YIELD	kW	55(çevre sıcaklığı:25 C°/su çıkış sıcaklığı:15 C°)
		TOTAL COP		5,6
	COMPRESSOR	COMPRESSOR TYPE		HERMETIC SCROLL
		COMPRESSOR QUANTITY		2
		TOTAL COMPRESSOR POWER	kW	8,4
		TOTAL COMPRESSOR CURRENT	A	18,4
	FAN	FAN TYPE		AXIAL
		FAN QUANTITY		2
		TOTAL FAN POWER	kW	1,38
		TOTAL FAN POWER	A	2,86
		TOTAL FAN FLOW RATE	m³/h	18390
		FAN DIAMETER	mm	500
	INTERNAL PUMP	PUMP QUANTITY		1
		TOTAL PUMP POWER	kW	1,1
		PUMP PRESSURE	bar	1,5
		PUMP FLOW RATE	m³/h	10
		PUMP TYPE		TAINLESS CENTRIFUGAL
	EXTERNAL PUMP	PUMP QUANTITY		1
		TOTAL PUMP POWER	kW	1,5
		PUMP PRESSURE	bar	3,9
		PUMP FLOW RATE	m³/h	5
		PUMP TYPE		TAINLESS CENTRIFUGAL
	CONDENSER	CONDENSER TYPE		ALUMINUM MICROCHANNEL CONDENSER
		CONDENSER QUANTITY		2
	EVAPORATOR	EVAPORATOR TYPE		SHELL AND TUBE
		EVAPORATOR QUANTITY		1
		NUMBER OF CIRCUITS		2
	ELECTRICAL DATAS	TOTAL POWER	kW	12,4
		TOTAL CURRENT	A	28
		VOLTAGE		380-415 V / 3 PH / 50 Hz
		CABLE CROSS-SECTION		4X10+10 mm²

Specifications				
OCU 50	TECHNICAL INFORMATION	CONTROL BOARD		DIJITAL ON/OFF CONTROL
		REFRIGERANT TYPE		R 410A
		REFRIGERANT CHARGE	KG	7,5+7,5
		WATER OUTLET		2"
		WATER INLET		2"
		FILLING		1/2"
		DRAIN		1/2"
		WATER TANK	LT	220
		L/W/H DIMENSIONS	mm	1950 / 1000 / 1750
		EMPTY WEIGHT	KG	800
		WORKING WEIGHT	KG	1100

CAPACITY								
MODEL	AMBIENT TEMPERATURE	OUTLET WATER TEMPERATURE		+15	+10	+7	+5	0
OCU 50	25 C°	COOLING CAPACITY	kW	55	46	41	39	32
		ABSORBED POWER	kW	8,4	8,6	8,7	8,7	8,8
		ABSORBED CURRENT	A	18,4	18,4	18,4	18,4	18,4
		C.O.P.		6,6	5,4	4,8	4,4	3,6
	35 C°	COOLING CAPACITY	kW	48	40	36	34	28
		ABSORBED POWER	kW	10,4	10,5	10,6	10,3	10,3
		ABSORBED CURRENT	A	20,6	20,7	20,8	20,8	20,8
		C.O.P.		4,6	3,8	3,4	3,2	2,6
	45 C°	COOLING CAPACITY	kW	41	34	31	28	23
		ABSORBED POWER	kW	12,6	12,7	12,8	12,8	12,8
		ABSORBED CURRENT	A	23,8	24	24	24	24
		C.O.P.		3,2	2,7	2,4	2,2	1,8



SUBCOOLING: 0 K / SUPERHEAT: 10 K
- Cable length of 25 meters is given for a top coating for longer distances center.
- The water flow rate and the pressure is valid for max 10 metres. Use a tank and proses pump for long piping.

Specifications				
OCU 80		NOMINAL YIELD	kW	80(çevre sıcaklığı:25 C°/su çıkış sıcaklığı:15 C°)
		TOTAL COP		6,3
	COMPRESSOR	COMPRESSOR TYPE		HERMETIC SCROLL
		COMPRESSOR QUANTITY		2
		TOTAL COMPRESSOR POWER	kW	11,4
		TOTAL COMPRESSOR CURRENT	A	25
	FAN	FAN TYPE		AXIAL
		FAN QUANTITY		1
		TOTAL FAN POWER	kW	1,43
		TOTAL FAN POWER	A	2,8
		TOTAL FAN FLOW RATE	m³/h	22000
		FAN DIAMETER	mm	800
	INTERNAL PUMP	PUMP QUANTITY		1
		TOTAL PUMP POWER	kW	1,5
		PUMP PRESSURE	bar	1,3
		PUMP FLOW RATE	m³/h	16
		PUMP TYPE		STAINLESS CENTRIFUGAL
	EXTERNAL PUMP	PUMP QUANTITY		1
		TOTAL PUMP POWER	kW	1,5
		PUMP PRESSURE	bar	3,5
		PUMP FLOW RATE	m³/h	8
		PUMP TYPE		STAINLESS CENTRIFUGAL
	CONDENSER	CONDENSER TYPE		ALUMINUM MICROCHANNEL CONDENSER
		CONDENSER QUANTITY		2
	EVAPORATOR	EVAPORATOR TYPE		SHELL AND TUBE
		EVAPORATOR QUANTITY		1
		NUMBER OF CIRCUITS		2
	ELECTRICAL DATAS	TOTAL POWER	kW	15,8
		TOTAL CURRENT	A	35
		VOLTAGE		380-415 V /3 PH/50 Hz
		CABLE CROSS-SECTION		4X16+16 mm²

Specifications			
OCU 80	TECHNICAL INFORMATION	CONTROL BOARD	DIJITAL ON/OFF CONTROL
		REFRIGERANT TYPE	R 410A
		REFRIGERANT CHARGE	KG 8+8
		WATER OUTLET	2"
		WATER INLET	2"
		FILLING	1/2"
		DRAIN	1/2"
		WATER TANK	LT 220
		L/W/H DIMENSIONS	mm 2050 / 1200 / 1950
		EMPTY WEIGHT	KG 920
		WORKING WEIGHT	KG 1520

CAPACITY								
MODEL	AMBIENT TEMPERATURE	OUTLET WATER TEMPERATURE		+15	+10	+7	+5	0
OCU 80	25 C°	COOLING CAPACITY	kW	80	66	61	56	46
		ABSORBED POWER	kW	11,4	12	12,3	12,4	12,4
		ABSORBED CURRENT	A	25	25,6	26	26,2	26,6
		C.O.P.		6,9	5,5	5	4,5	3,7
	35 C°	COOLING CAPACITY	kW	70	58	53	48	40
		ABSORBED POWER	kW	15	15,4	15,6	15,6	15,6
		ABSORBED CURRENT	A	29,6	30	30,3	30,4	30,6
		C.O.P.		4,6	3,8	3,4	3,1	2,6
	45 C°	COOLING CAPACITY	kW	58	50	45	40	34
		ABSORBED POWER	kW	19	19,2	19,3	19,2	19,2
		ABSORBED CURRENT	A	34,6	34,8	34,9	35	34,8
		C.O.P.		3,1	2,5	2,3	2,1	1,7



SUBCOOLING: 0 K / SUPERHEAT: 10 K
- Cable length of 25 meters is given for a top coating for longer distances center.
- The water flow rate and the pressure is valid for max 10 metres. Use a tank and proses pump for long piping.

Specifications				
OCU 100		NOMINAL YIELD	kW	104(çevre sıcaklığı:25 C°/su çıkış sıcaklığı:15 C°)
		TOTAL COP		6,2
	COMPRESSOR	COMPRESSOR TYPE		HERMETIC SCROLL
		COMPRESSOR QUANTITY		2
		TOTAL COMPRESSOR POWER	kW	15
		TOTAL COMPRESSOR CURRENT	A	31
	FAN	FAN TYPE		AXIAL
		FAN QUANTITY		1
		TOTAL FAN POWER	kW	1,43
		TOTAL FAN POWER	A	2,8
		TOTAL FAN FLOW RATE	m³/h	22000
		FAN DIAMETER	mm	800
	INTERNAL PUMP	PUMP QUANTITY		1
		TOTAL PUMP POWER	kW	1,5
		PUMP PRESSURE	bar	1,3
		PUMP FLOW RATE	m³/h	20
		PUMP TYPE		STAINLESS CENTRIFUGAL
	EXTERNAL PUMP	PUMP QUANTITY		1
		TOTAL PUMP POWER	kW	1,5
		PUMP PRESSURE	bar	3
		PUMP FLOW RATE	m³/h	10
		PUMP TYPE		STAINLESS CENTRIFUGAL
	CONDENSER	CONDENSER TYPE		ALUMINUM MICROCHANNEL CONDENSER
		CONDENSER QUANTITY		2
	EVAPORATOR	EVAPORATOR TYPE		SHELL AND TUBE
		EVAPORATOR QUANTITY		1
		NUMBER OF CIRCUITS		2
	ELECTRICAL DATAS	TOTAL POWER	kW	19,5
		TOTAL CURRENT	A	40
		VOLTAGE		380-415 V / 3 PH / 50 Hz
		CABLE CROSS-SECTION		3X25+16+16 mm²

Specifications			
OCU 100	TECHNICAL INFORMATION	CONTROL BOARD	DIJITAL ON/OFF CONTROL
		REFRIGERANT TYPE	R 410A
		REFRIGERANT CHARGE	KG 10+10
		WATER OUTLET	2"
		WATER INLET	2"
		FILLING	1/2"
		DRAIN	1/2"
		WATER TANK	LT 220
		L/W/H DIMENSIONS	mm 2050 / 1200 / 2150
		EMPTY WEIGHT	KG 980
		WORKING WEIGHT	KG 1240

CAPACITY								
MODEL	AMBIENT TEMPERATURE	OUTLET WATER TEMPERATURE		+15	+10	+7	+5	0
OCU 100	25 C°	COOLING CAPACITY	kW	104	88	79	74	61
		ABSORBED POWER	kW	15	15,6	15,8	15,8	15,9
		ABSORBED CURRENT	A	31	31,7	32	32	32,1
		C.O.P.		6,9	5,6	5	4,6	3,8
	35 C°	COOLING CAPACITY	kW	92	78	70	64	52
		ABSORBED POWER	kW	19,6	19,8	19,8	19,8	19,7
		ABSORBED CURRENT	A	36,5	36,7	36,8	36,8	36,8
		C.O.P.		4,7	3,9	3,5	3,2	2,7
	45 C°	COOLING CAPACITY	kW	78	66	59	54	44
		ABSORBED POWER	kW	24,7	24,7	24,7	24,5	24,4
		ABSORBED CURRENT	A	43	43	43,1	43,2	43,5
		C.O.P.		3,2	2,7	2,4	2,2	1,8



SUBCOOLING: 0 K / SUPERHEAT: 10 K
- Cable length of 25 meters is given for a top coating for longer distances center.
- The water flow rate and the pressure is valid for max 10 metres. Use a tank and proses pump for long piping.

Specifications				
OCU 120		NOMINAL YIELD	kW	157(çevre sıcaklığı:25 C°/su çıkış sıcaklığı:15 C°)
		TOTAL COP		6
	COMPRESSOR	COMPRESSOR TYPE		HERMETIC SCROLL
		COMPRESSOR QUANTITY		2
		TOTAL COMPRESSOR POWER	kW	23,3
		TOTAL COMPRESSOR CURRENT	A	45,5
	FAN	FAN TYPE		AXIAL
		FAN QUANTITY		2
		TOTAL FAN POWER	kW	2,9
		TOTAL FAN POWER	A	5,6
		TOTAL FAN FLOW RATE	m³/h	44000
		FAN DIAMETER	mm	800
	INTERNAL PUMP	PUMP QUANTITY		1
		TOTAL PUMP POWER	kW	3
		PUMP PRESSURE	bar	1,4
		PUMP FLOW RATE	m³/h	32
		PUMP TYPE		STAINLESS CENTRIFUGAL
	EXTERNAL PUMP	PUMP QUANTITY		1
		TOTAL PUMP POWER	kW	2,4
		PUMP PRESSURE	bar	3,2
		PUMP FLOW RATE	m³/h	15
		PUMP TYPE		STAINLESS CENTRIFUGAL
	CONDENSER	CONDENSER TYPE		ALUMINUM MICROCHANNEL CONDENSER
		CONDENSER QUANTITY		2
	EVAPORATOR	EVAPORATOR TYPE		SHELL AND TUBE
		EVAPORATOR QUANTITY		1
		NUMBER OF CIRCUITS		2
	ELECTRICAL DATAS	TOTAL POWER	kW	32
		TOTAL CURRENT	A	64
		VOLTAGE		380-415 V / 3 PH / 50 Hz
		CABLE CROSS-SECTION		3X50+25+25 mm²

Specifications			
OCU 120	TECHNICAL INFORMATION	CONTROL BOARD	DIJITAL ON/OFF CONTROL
		REFRIGERANT TYPE	R 410A
		REFRIGERANT CHARGE	KG 12+12
		WATER OUTLET	2 1/2"
		WATER INLET	2 1/2"
		FILLING	1/2"
		DRAIN	1/2"
		WATER TANK	LT 220
		L/W/H DIMENSIONS	mm 2600 / 1200 / 2200
		EMPTY WEIGHT	KG 1730
		WORKING WEIGHT	KG 2330

CAPACITY								
MODEL	AMBIENT TEMPERATURE	OUTLET WATER TEMPERATURE		+15	+10	+7	+5	0
OCU 120	25 C°	COOLING CAPACITY	kW	157	133	120	112	93
		ABSORBED POWER	kW	23,3	24,2	24,4	24,6	24,6
		ABSORBED CURRENT	A	45,5	46,6	46,8	47	47
		C.O.P.		6,8	5,5	4,9	4,6	3,8
	35 C°	COOLING CAPACITY	kW	139	117	105	98	81
		ABSORBED POWER	kW	30,3	30,6	30,6	30,5	30,3
		ABSORBED CURRENT	A	54,1	54,3	54,4	54,4	54,3
		C.O.P.		4,6	3,8	3,4	3,2	2,7
	45 C°	COOLING CAPACITY	kW	118	99	89	83	68
		ABSORBED POWER	kW	38	38	37,9	37,8	37,6
		ABSORBED CURRENT	A	64,3	64,1	64	64	63,8
		C.O.P.		3,1	2,6	2,4	2,2	1,8



SUBCOOLING: 0 K / SUPERHEAT: 10 K
- Cable length of 25 meters is given for a top coating for longer distances center.
- The water flow rate and the pressure is valid for max 10 metres. Use a tank and proses pump for long piping.

Specifications				
OCU 250		NOMINAL YIELD	kW	240(çevre sıcaklığı:25 C°/su çıkış sıcaklığı:15 C°)
		TOTAL COP		6,1
	COMPRESSOR	COMPRESSOR TYPE		HERMETIC SCROLL
		COMPRESSOR QUANTITY		2
		TOTAL COMPRESSOR POWER	kW	35,8
		TOTAL COMPRESSOR CURRENT	A	63,6
	FAN	FAN TYPE		AXIAL
		FAN QUANTITY		4
		TOTAL FAN POWER	kW	3,4
		TOTAL FAN POWER	A	7
		TOTAL FAN FLOW RATE	m³/h	57680
		FAN DIAMETER	mm	710
	INTERNAL PUMP	PUMP QUANTITY		1
		TOTAL PUMP POWER	kW	4
		PUMP PRESSURE	bar	1,8
		PUMP FLOW RATE	m³/h	50
		PUMP TYPE		STAINLESS CENTRIFUGAL
	EXTERNAL PUMP	PUMP QUANTITY		1
		TOTAL PUMP POWER	kW	5,5
		PUMP PRESSURE	bar	3,6
		PUMP FLOW RATE	m³/h	25
		PUMP TYPE		STAINLESS CENTRIFUGAL
	CONDENSER	CONDENSER TYPE		ALUMINUM MICROCHANNEL CONDENSER
		CONDENSER QUANTITY		4
	EVAPORATOR	EVAPORATOR TYPE		SHELL AND TUBE
		EVAPORATOR QUANTITY		1
		NUMBER OF CIRCUITS		2
	ELECTRICAL DATAS	TOTAL POWER	kW	49
		TOTAL CURRENT	A	91
		VOLTAGE		380-415 V / 3 PH / 50 Hz
		CABLE CROSS-SECTION		3X95+50+50 mm²

Specifications				
OCU 250	TECHNICAL INFORMATION	CONTROL BOARD		DIJITAL ON/OFF CONTROL
		REFRIGERANT TYPE		R 410A
		REFRIGERANT CHARGE	KG	18+18
		WATER OUTLET		2 1/2"(3" WITHOUT WATER TANK AND EXT. PUMP)
		WATER INLET		2 1/2"(3" WITHOUT WATER TANK AND EXT. PUMP)
		FILLING		1/2"
		DRAIN		1/2"
		WATER TANK	LT	460
		L/W/H DIMENSIONS	mm	2735 / 1915 / 2160
		EMPTY WEIGHT	KG	1780
		WORKING WEIGHT	KG	2240

CAPACITY								
MODEL	AMBIENT TEMPERATURE	OUTLET WATER TEMPERATURE		+15	+10	+7	+5	0
OCU 250	25 C°	COOLING CAPACITY	kW	240	204	184	171	142
		ABSORBED POWER	kW	35,8	36,8	37,2	37,3	37,3
		ABSORBED CURRENT	A	63,6	65	65,4	65,7	65,8
		C.O.P.		6,8	5,5	4,9	4,6	3,8
	35 C°	COOLING CAPACITY	kW	213	179	161	150	124
		ABSORBED POWER	kW	46,2	46,4	46,3	46,2	45,8
		ABSORBED CURRENT	A	77,4	77,8	77,8	77,8	77,4
		C.O.P.		4,6	3,9	3,5	3,2	2,7
	45 C°	COOLING CAPACITY	kW	181	152	136	126	105
		ABSORBED POWER	kW	57,8	57,5	57,2	57	56,6
		ABSORBED CURRENT	A	93,9	93,6	93,3	93	92,4
		C.O.P.		3,1	2,6	2,4	2,2	1,9



SUBCOOLING: 0 K / SUPERHEAT: 10 K
- Cable length of 25 meters is given for a top coating for longer distances center.
- The water flow rate and the pressure is valid for max 10 metres. Use a tank and proses pump for long piping.

Specifications				
OCU 300		NOMINAL YIELD	kW	310(çevre sıcaklığı:25 C°/su çıkış sıcaklığı:15 C°)
		TOTAL COP		6,1
	COMPRESSOR	COMPRESSOR TYPE		HERMETIC SCROLL
		COMPRESSOR QUANTITY		2
		TOTAL COMPRESSOR POWER	kW	45
		TOTAL COMPRESSOR CURRENT	A	86,2
	FAN	FAN TYPE		AXIAL
		FAN QUANTITY		4
		TOTAL FAN POWER	kW	5,7
		TOTAL FAN POWER	A	11,2
		TOTAL FAN FLOW RATE	m³/h	88000
		FAN DIAMETER	mm	800
	INTERNAL PUMP	PUMP QUANTITY		1
		TOTAL PUMP POWER	kW	5,5
		PUMP PRESSURE	bar	2,2
		PUMP FLOW RATE	m³/h	60
		PUMP TYPE		STAINLESS CENTRIFUGALL
	EXTERNAL PUMP	PUMP QUANTITY		1
		TOTAL PUMP POWER	kW	5,5
		PUMP PRESSURE	bar	3,6
		PUMP FLOW RATE	m³/h	30
		PUMP TYPE		STAINLESS CENTRIFUGAL
	CONDENSER	CONDENSER TYPE		ALUMINUM MICROCHANNEL CONDENSER
		CONDENSER QUANTITY		4
	EVAPORATOR	EVAPORATOR TYPE		SHELL AND TUBE
		EVAPORATOR QUANTITY		1
		NUMBER OF CIRCUITS		2
	ELECTRICAL DATAS	TOTAL POWER	kW	62
		TOTAL CURRENT	A	120
		VOLTAGE		380-415 V / 3 PH / 50 Hz
		CABLE CROSS-SECTION		3X120+70+70 mm²

Specifications			
OCU 300	TECHNICAL INFORMATION	CONTROL BOARD	DIJITAL ON/OFF CONTROL
		REFRIGERANT TYPE	R 410A
		REFRIGERANT CHARGE	KG 22+22
		WATER OUTLET	2 1/2" (3" WITHOUT WATER TANK AND EXT. PUMP)
		WATER INLET	2 1/2" (3" WITHOUT WATER TANK AND EXT. PUMP)
		FILLING	1/2"
		DRAIN	1/2"
		WATER TANK	LT 460
		L/W/H DIMENSIONS	mm 2735 / 2215 / 2400
		EMPTY WEIGHT	KG 2100
		WORKING WEIGHT	KG 2900

CAPACITY								
MODEL	AMBIENT TEMPERATURE	OUTLET WATER TEMPERATURE		+15	+10	+7	+5	0
OCU 300	25 C°	COOLING CAPACITY	kW	310	263	237	220	184
		ABSORBED POWER	kW	45	46,5	47	47	46,8
		ABSORBED CURRENT	A	86,2	88	88,6	88,7	88,7
		C.O.P.		6,9	5,7	5,1	4,7	3,9
	35 C°	COOLING CAPACITY	kW	275	232	208	194	162
		ABSORBED POWER	kW	58,4	58,4	58,2	57,9	57,1
		ABSORBED CURRENT	A	103,3	103,6	103,4	103,1	102,2
		C.O.P.		4,7	4	3,6	3,4	2,8
	45 C°	COOLING CAPACITY	kW	235	197	177	165	137
		ABSORBED POWER	kW	72,4	71,6	71,1	70,7	69,8
		ABSORBED CURRENT	A	123	122,2	121,5	121	119,8
		C.O.P.		3,3	2,8	2,5	2,3	2



SUBCOOLING: 0 K / SUPERHEAT: 10 K
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- The water flow rate and the pressure is valid for max 10 metres. Use a tank and proses pump for long piping.

Specifications				
OCU 350		NOMINAL YIELD	kW	382(çevre sıcaklığı:25 C°/su çıkış sıcaklığı:15 C°)
		TOTAL COP		5,9
	COMPRESSOR	COMPRESSOR TYPE		HERMETIC SCROLL
		COMPRESSOR QUANTITY		2
		TOTAL COMPRESSOR POWER	kW	56
		TOTAL COMPRESSOR CURRENT	A	103
	FAN	FAN TYPE		AXIAL
		FAN QUANTITY		6
		TOTAL FAN POWER	kW	8,6
		TOTAL FAN POWER	A	16,8
		TOTAL FAN FLOW RATE	m³/h	132000
		FAN DIAMETER	mm	800
	INTERNAL PUMP	PUMP QUANTITY		-
		TOTAL PUMP POWER	kW	-
		PUMP PRESSURE	bar	2
		PUMP FLOW RATE	m³/h	75 (Cihaza Dahil Değildir. Olması Gereken Debi Değeri Verilmiştir.)
		PUMP TYPE		-
	EXTERNAL PUMP	PUMP QUANTITY		-
		TOTAL PUMP POWER	kW	-
		PUMP PRESSURE	bar	-
		PUMP FLOW RATE	m³/h	-
		PUMP TYPE		-
	CONDENSER	CONDENSER TYPE		ALUMINUM MICROCHANNEL CONDENSER
		CONDENSER QUANTITY		6
	EVAPORATOR	EVAPORATOR TYPE		SHELL AND TUBE
		EVAPORATOR QUANTITY		1
		NUMBER OF CIRCUITS		2
	ELECTRICAL DATAS	TOTAL POWER	kW	65
		TOTAL CURRENT	A	120
		VOLTAGE		380-415 V / 3 PH / 50 Hz
		CABLE CROSS-SECTION		3X150+70+70 mm²

Specifications			
OCU 350	TECHNICAL INFORMATION	CONTROL BOARD	PLC CONTROL
		REFRIGERANT TYPE	R 410A
		REFRIGERANT CHARGE	KG 2x22
		WATER OUTLET	4"
		WATER INLET	4"
		FILLING	-
		DRAIN	-
		WATER TANK	LT -
		L/W/H DIMENSIONS	mm 4000 / 2215 / 2400
		EMPTY WEIGHT	KG 3000
		WORKING WEIGHT	KG -

CAPACITY								
MODEL	AMBIENT TEMPERATURE	OUTLET WATER TEMPERATURE		+15	+10	+7	+5	0
OCU 350	25 C°	COOLING CAPACITY	kW	382	323	291	271	226
		ABSORBED POWER	kW	56	58	58	58	58
		ABSORBED CURRENT	A	103	105	106	106	107
		C.O.P.		6,8	5,6	5	4,6	3,9
	35 C°	COOLING CAPACITY	kW	338	285	257	239	199
		ABSORBED POWER	kW	73	73	73	73	72
		ABSORBED CURRENT	A	125	126	126	126	125
		C.O.P.		4,7	3,9	3,5	3,3	2,8
	45 C°	COOLING CAPACITY	kW	289	243	218	203	169
		ABSORBED POWER	kW	91	90	90	90	89
		ABSORBED CURRENT	A	152	152	151	151	150
		C.O.P.		3,2	2,7	2,4	2,3	1,9



SUBCOOLING: 0 K / SUPERHEAT: 10 K
- Cable length of 25 meters is given for a top coating for longer distances center.
- The water flow rate and the pressure is valid for max 10 metres. Use a tank and proses pump for long piping.

Specifications				
OCU 400		NOMINAL YIELD	kW	384(çevre sıcaklığı:25 C°/su çıkış sıcaklığı:15 C°)
		TOTAL COP		6
	COMPRESSOR	COMPRESSOR TYPE		HERMETIC SCROLL
		COMPRESSOR QUANTITY		4
		TOTAL COMPRESSOR POWER	kW	57
		TOTAL COMPRESSOR CURRENT	A	111
	FAN	FAN TYPE		AXIAL
		FAN QUANTITY		8
		TOTAL FAN POWER	kW	6,8
		TOTAL FAN POWER	A	14
		TOTAL FAN FLOW RATE	m³/h	115360
		FAN DIAMETER	mm	710
	INTERNAL PUMP	PUMP QUANTITY		-
		TOTAL PUMP POWER	kW	-
		PUMP PRESSURE	bar	2,5
		PUMP FLOW RATE	m³/h	80 (Cihaza Dahil Değildir. Olması Gereken Debi Değeri Verilmiştir.)
		PUMP TYPE		-
	EXTERNAL PUMP	PUMP QUANTITY		-
		TOTAL PUMP POWER	kW	-
		PUMP PRESSURE	bar	-
		PUMP FLOW RATE	m³/h	-
		PUMP TYPE		-
	CONDENSER	CONDENSER TYPE		ALUMINUM MICROCHANNEL CONDENSER
		CONDENSER QUANTITY		8
	EVAPORATOR	EVAPORATOR TYPE		SHELL AND TUBE
		EVAPORATOR QUANTITY		1
		NUMBER OF CIRCUITS		2
	ELECTRICAL DATAS	TOTAL POWER	kW	64
		TOTAL CURRENT	A	125
		VOLTAGE		380-415 V / 3 PH /50 Hz
		CABLE CROSS-SECTION		3X150+70+70 mm²

Specifications			
OCU 400	TECHNICAL INFORMATION	CONTROL BOARD	PLC CONTROL
		REFRIGERANT TYPE	R 410A
		REFRIGERANT CHARGE	KG 4x18
		WATER OUTLET	4"
		WATER INLET	4"
		FILLING	-
		DRAIN	-
		WATER TANK	LT -
		L/W/H DIMENSIONS	mm 5180 / 1915 / 2160
		EMPTY WEIGHT	KG 2100
		WORKING WEIGHT	KG -

CAPACITY								
MODEL	AMBIENT TEMPERATURE	OUTLET WATER TEMPERATURE		+15	+10	+7	+5	0
OCU 400	25 C°	COOLING CAPACITY	kW	384	326	294	274	228
		ABSORBED POWER	kW	57	58	58	58	58
		ABSORBED CURRENT	A	111	112	113	113	113
		C.O.P.		6,8	5,6	5	4,7	3,9
	35 C°	COOLING CAPACITY	kW	340	286	258	240	200
		ABSORBED POWER	kW	73	73	73	73	72
		ABSORBED CURRENT	A	130	130	130	130	129
		C.O.P.		4,7	3,9	3,5	3,3	2,8
	45 C°	COOLING CAPACITY	kW	288	242	218	202	168
		ABSORBED POWER	kW	91	91	90	90	90
		ABSORBED CURRENT	A	154	153	153	152	152
		C.O.P.		3,2	2,7	2,4	2,2	1,9

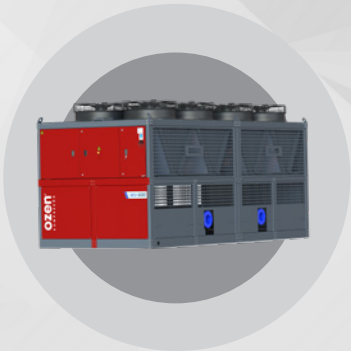


SUBCOOLING: 0 K / SUPERHEAT: 10 K
- Cable length of 25 meters is given for a top coating for longer distances center.
- The water flow rate and the pressure is valid for max 10 metres. Use a tank and proses pump for long piping.

Specifications				
OCU 600		NOMINAL YIELD	kW	622(çevre sıcaklığı:25 C°/su çıkış sıcaklığı:15 C°)
		TOTAL COP		6,1
	COMPRESSOR	COMPRESSOR TYPE		HERMETIC SCROLL
		COMPRESSOR QUANTITY		4
		TOTAL COMPRESSOR POWER	kW	90
		TOTAL COMPRESSOR CURRENT	A	172
	FAN	FAN TYPE		AXIAL
		FAN QUANTITY		8
		TOTAL FAN POWER	kW	11,5
		TOTAL FAN POWER	A	22,4
		TOTAL FAN FLOW RATE	m³/h	176000
		FAN DIAMETER	mm	800
	INTERNAL PUMP	PUMP QUANTITY		-
		TOTAL PUMP POWER	kW	-
		PUMP PRESSURE	bar	2,5
		PUMP FLOW RATE	m³/h	120 (Cihazı Dahil Değildir. Olması Gereken Debi Değeri Verilmiştir.)
		PUMP TYPE		-
	EXTERNAL PUMP	PUMP QUANTITY		-
		TOTAL PUMP POWER	kW	-
		PUMP PRESSURE	bar	-
		PUMP FLOW RATE	m³/h	-
		PUMP TYPE		-
	CONDENSER	CONDENSER TYPE		ALUMINUM MICROCHANNEL CONDENSER
		CONDENSER QUANTITY		8
	EVAPORATOR	EVAPORATOR TYPE		SHELL AND TUBE
		EVAPORATOR QUANTITY		1
		NUMBER OF CIRCUITS		2
	ELECTRICAL DATAS	TOTAL POWER	kW	102
		TOTAL CURRENT	A	196
		VOLTAGE		380-415 V / 3 PH / 50 Hz
		CABLE CROSS-SECTION		2X(3X95+50+50)mm²

Specifications			
OCU 600	TECHNICAL INFORMATION	CONTROL BOARD	PLC CONTROL
		REFRIGERANT TYPE	R 410A
		REFRIGERANT CHARGE	KG 4x22
		WATER OUTLET	4"
		WATER INLET	4"
		FILLING	-
		DRAIN	-
		WATER TANK	LT -
		L/W/H DIMENSIONS	mm 5180 / 2215 / 2400
		EMPTY WEIGHT	KG 3200
		WORKING WEIGHT	KG -

CAPACITY								
MODEL	AMBIENT TEMPERATURE	OUTLET WATER TEMPERATURE		+15	+10	+7	+5	0
OCU 600	25 C°	COOLING CAPACITY	kW	622	525	473	441	368
		ABSORBED POWER	kW	90	93	94	94	94
		ABSORBED CURRENT	A	172	176	177	178	178
		C.O.P.		6,9	5,7	5	4,7	3,9
	35 C°	COOLING CAPACITY	kW	550	463	417	388	324
		ABSORBED POWER	kW	117	117	116	116	114
		ABSORBED CURRENT	A	207	207	207	206	205
		C.O.P.		4,7	4	3,6	3,4	2,8
	45 C°	COOLING CAPACITY	kW	470	395	354	330	275
		ABSORBED POWER	kW	145	143	142	141	140
		ABSORBED CURRENT	A	246	244	243	242	240
		C.O.P.		3,3	2,8	2,5	2,3	2



SUBCOOLING: 0 K / SUPERHEAT: 10 K
- Cable length of 25 meters is given for a top coating for longer distances center.
- The water flow rate and the pressure is valid for max 10 metres. Use a tank and proses pump for long piping.

Specifications				
OCU 750		NOMINAL YIELD	kW	764 (çevre sıcaklığı:25 C°/su çıkış sıcaklığı:15 C°)
		TOTAL COP		5,9
	COMPRESSOR	COMPRESSOR TYPE		HERMETIC SCROLL
		COMPRESSOR QUANTITY		4
		TOTAL COMPRESSOR POWER	kW	112
		TOTAL COMPRESSOR CURRENT	A	205
	FAN	FAN TYPE		AXIAL
		FAN QUANTITY		12
		TOTAL FAN POWER	kW	17,2
		TOTAL FAN POWER	A	33,6
		TOTAL FAN FLOW RATE	m³/h	264000
		FAN DIAMETER	mm	800
	INTERNAL PUMP	PUMP QUANTITY		-
		TOTAL PUMP POWER	kW	-
		PUMP PRESSURE	bar	3
		PUMP FLOW RATE	m³/h	140 (Cihazı Dahil Değildir. Olması Gereken Debi Değeri Verilmiştir.)
	EXTERNAL PUMP	PUMP TYPE		-
		PUMP QUANTITY		-
		TOTAL PUMP POWER	kW	-
		PUMP PRESSURE	bar	-
		PUMP FLOW RATE	m³/h	-
		PUMP TYPE		-
	CONDENSER	CONDENSER TYPE		ALUMINUM MICROCHANNEL CONDENSER
		CONDENSER QUANTITY		12
	EVAPORATOR	EVAPORATOR TYPE		SHELL AND TUBE
		EVAPORATOR QUANTITY		1
		NUMBER OF CIRCUITS		2
	ELECTRICAL DATAS	TOTAL POWER	kW	129
		TOTAL CURRENT	A	240
		VOLTAGE		380-415 V / 3 PH / 50 Hz
		CABLE CROSS-SECTION		2X(3X120+70+70)mm²

Specifications			
OCU 750	TECHNICAL INFORMATION	CONTROL BOARD	PLC CONTROL
		REFRIGERANT TYPE	R 410A
		REFRIGERANT CHARGE	KG 2x44
		WATER OUTLET	6"
		WATER INLET	6"
		FILLING	-
		DRAIN	-
		WATER TANK	LT -
		L/W/H DIMENSIONS	mm 7610 / 2215 / 2400
		EMPTY WEIGHT	KG 5000
		WORKING WEIGHT	KG -

CAPACITY								
MODEL	AMBIENT TEMPERATURE	OUTLET WATER TEMPERATURE		+15	+10	+7	+5	0
OCU 750	25 C°	COOLING CAPACITY	kW	764	645	582	542	452
		ABSORBED POWER	kW	112	115	116	117	117
		ABSORBED CURRENT	A	205	210	212	212	213
		C.O.P.		6,8	5,6	5	4,7	3,9
	35 C°	COOLING CAPACITY	kW	675	570	513	478	398
		ABSORBED POWER	kW	145	146	146	145	144
		ABSORBED CURRENT	A	250	252	252	252	250
		C.O.P.		4,7	3,9	3,5	3,3	2,8
	45 C°	COOLING CAPACITY	kW	576	486	436	406	337
		ABSORBED POWER	kW	182	181	180	179	178
		ABSORBED CURRENT	A	304	303	302	302	301
		C.O.P.		3,2	2,7	2,4	2,3	1,9



SUBCOOLING: 0 K / SUPERHEAT: 10 K
- Cable length of 25 meters is given for a top coating for longer distances center.
- The water flow rate and the pressure is valid for max 10 metres. Use a tank and proses pump for long piping.

► OCU Chiller Series



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