



PC 22

Aeron Self Contained Units



ASCU E10 Duct FW



ASCU E17 Duct FW



ASCU E32 Plenum FW

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FEATURES FOR ASCU-E

- Self-Contained Air Conditioning unit for control rooms, instrument rooms and accommodation
- Cooling capacity ranging from 9kW to 92kW
- Standard refrigerant R404A, R407C or R134A
- High-quality finish for accommodation areas
- Digital LCD delivery air temperature controller
- Duct or Plenum connection
- Standard condenser for freshwater or seawater
- Power supply 3x400V/50Hz or 3x440V/60Hz
- HP/LP manometers

FEATURES FOR ASCU-G

- Self-contained marine air conditioners specially designed for Galleys.
- 100% fresh air intake according to SOLAS
- Cooling capacity ranging from 9kW to 22kW
- Standard refrigerant R404A, R407C or R134A
- Duct or plenum connection
- Digital LCD delivery air temperature controller
- Standard condenser for freshwater or seawater
- Power supply 3x400V/50Hz or 3x440V/60Hz
- HP/LP manometers

CASING

- The steel plate casing is built on a rigid steel frame and is thermally insulated to prevent condensation. The plenum unit is delivered with an adjustable grill. Standard painting is white RAL 9010

COMPRESSOR

- ASCU E and G uses hermetic scroll compressor. The compressors are fitted with heating elements.

CONDENSER

- A cleanable shell and tube condenser with Cu/Ni tubes for sea water, and a soldered stainless steel plate heat exchanger for fresh water.

FAN

- The unit has a V-belt coupled centrifugal fan with IP55 motor. Resiliently mounted fans with low static pressure are used to ensure an extra low noise level when a plenum is fitted. For duct connections a medium pressure fan is used

HEATING ELEMENTS

- The unit is delivered with built in electrical heating elements for winter conditions (design temperature -20°C).

AIR COOLER

- A Cu/Al coil treated with polyurethane to resist the saline air is standard. A washable flat filter is located in front of the air coil. The unit has a stainless steel drip tray with extra dept to take pitch and roll into consideration.



SELECTION TABLE



		ASCU - E - 14 - 1 - FW - C - D - 0 - 3									
Cooler type	Front air intake @ +27°C	E									
	Back air intake @ +35°C	G									
Size	Size of the ASCH	11									
		14									
		17									
		22									
		28									
		35									
		40									
		54									
		70									
		92									
Supply voltage	3x400V / 3 phases / 50 Hz	1									
	3x440V / 3 phases / 60 Hz	2									
Cooling Media	Sea water	SW									
	Fresh water	FW									
	Air Cooled	AC									
Refrigerant	R404A	C									
	R407C	F									
	R134A	E									
Plenum/Duct	Plenum	P									
	Duct	D									
Heat	No heat	0									
	Electrical 1 step	1									
Unit revision	Mark 3	3									

				11	14	17	22	28	35	40	54	70	92								
Cooling Capacity		kW		9	11	14	18	24	29	34	46	60	78								
Compressor	Electrical Power	kW		2,9	3,5	4,3	5,6	10,0	8,5	10,5	17,0	21,0	28,0								
	Nominal Current	A		5,2	6,5	7,5	10,0	17,0	15,0	23,5	31,0	35,0	48,0								
	Maximal Current	A		8,0	8,5	11,0	14,0	19,0	22,0	24,0	34,0	49,0	57,0								
	Starting Current	A		51	51	52	73	84	101	96	140	160	212								
Air Flow		m ³ /h		1400	1900	2300	3300	3700	5000	6100	9700	9900	10000								
Air Pressure – Duct		Pa		400	400	400	400	400	400	400	400	400	400								
Fan motor	Electrical Power	kW		0,83	0,83	0,83	1,65	1,98	1,98	2,40	4,40	4,40	6,00								
	Nominal Current	A		1,9	1,9	1,9	3,5	4,9	4,9	4,8	8,3	8,3	11,0								
	Maximal Current	A		12	12	12	21	34	34	34	59	59	77								
Electrical Heating	Electrical Power	kW		6	9	11	17	24	24	24	30	30	30								
	Nominal Current	A		10	15	17	28	38	38	38	48	48	48								
Type		FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW				
Water Flow	L/s	0,9	1,4	1,1	1,8	1,3	2,0	1,8	2,4	2,2	2,5	2,7	3,0	3,0	4,2	4,3	5,1	5,5	6,5	7,1	6,5
Water Pressure Loss	kPa	70	25	75	35	75	30	80	35	85	30	65	45	40	25	65	30	75	30	45	40
Length	mm	900		900		1000		1000		1500		1500		1670		1900		1900		1900	
Depth	mm	590		520		700		700		700		700		700		925		925		925	
Height – Duct	mm	1025		1650		1650		1650		1700		1700		1700		1700		1700		1700	
Height – Plenum	mm	1275		1900		1900		1900		1950		1950		1960		–		–		–	
Weight – Duct	kg	175	180	190	200	235	245	245	255	340	360	350	380	445	485	590	640	665	715	710	780
Weight – Plenum	kg	185	190	200	210	245	255	255	265	350	370	360	390	495	535	–	–	–	–	–	–
Fresh Water Inlet Temperature	°C	36°C																			
Sea Water Inlet Temperature	°C	32°C																			
Air Inlet Temperature	°C	+27°C/50%																			

DRAWING NUMBER 05 – 0160

VERSION 1.2

				11	14	17	22	28	35	40	54	70	92								
Cooling Capacity		kW		11	14	17	22	28	35	40	54	76	92								
Compressor	Electrical Power	kW		3,9	4,4	5,9	7,3	8,6	11,0	12,6	20,0	25,0	35,0								
	Nominal Current	A		5,5	6,5	9,0	11,0	19,0	22,0	25,5	34,0	42,0	57,0								
	Maximal Current	A		8,0	8,5	11,0	14,0	19,0	22,0	24,0	34,0	49,0	57,0								
	Starting Current	A		51	51	52	73	84	101	96	140	160	212								
Air Flow		m ³ /h		1700	2400	2800	4000	4500	6000	7400	11700	11900	12500								
Air Pressure – Duct		Pa		400	400	400	400	400	400	400	400	400	400								
Fan motor	Electrical Power	kW		0,83	0,83	0,83	1,65	1,98	1,98	2,40	4,40	4,40	6,00								
	Nominal Current	A		1,9	1,9	1,9	3,5	4,9	4,9	4,8	8,3	8,3	11,0								
	Maximal Current	A		12	12	12	21	34	34	34	59	59	77								
Electrical Heating	Electrical Power	kW		6	9	11	17	24	24	24	30	30	30								
	Nominal Current	A		10	15	17	28	38	38	38	48	48	48								
Type		FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW		
Water Flow	L/s	0,9	1,4	1,1	1,8	1,3	2,0	1,8	2,4	2,2	2,5	2,7	3,0	3,0	4,2	4,3	5,1	5,5	6,5	7,1	6,5
Water Pressure Loss	kPa	70	25	75	35	75	30	80	35	85	30	65	45	40	25	65	30	75	30	45	40
Length	mm	900		900		1000		1000		1500		1500		1670		1900		1900		1900	
Depth	mm	590		520		700		700		700		700		700		925		925		925	
Height – Duct	mm	1025		1650		1650		1650		1700		1700		1700		1700		1700		1700	
Height – Plenum	mm	1275		1900		1900		1900		1950		1950		1960		–		–		–	
Weight – Duct	kg	175	180	190	200	235	245	245	255	340	360	350	380	445	485	590	640	665	715	710	780
Weight – Plenum	kg	185	190	200	210	245	255	255	265	350	370	360	390	495	535	–	–	–	–	–	–
Fresh Water Inlet Temperature	°C	+36 °C																			
Sea Water Inlet Temperature	°C	+32°C																			
Air Inlet Temperature	°C	+27°C/50																			

DRAWING NUMBER 05 – 0161

VERSION 1.2

				11	14	17	22	28	35	40	54	70	92								
Cooling Capacity		kW		9	11	14	18	24	29	34	46	60	78								
Compressor	Electrical Power	kW		3,0	3,5	4,8	6,4	7,4	8,5	10,5	16,0	19,0	25,0								
	Nominal Current	A		5,7	6,5	8,5	11,5	13,0	15,0	18,0	29,0	33,0	43,0								
	Maximal Current	A		8,0	8,5	11,0	13,8	19,0	22,0	24,0	34,0	49,0	57,0								
	Starting Current	A		51	51	52	73	84	101	96	140	160	212								
Air Flow		m ³ /h		1400	1900	2300	3300	3700	5000	6100	9700	9600	10000								
Air Pressure – Duct		Pa		400	400	400	400	400	400	400	400	400	400								
Fan motor	Electrical Power	kW		0,83	0,83	0,83	1,65	1,98	1,98	2,40	4,40	4,40	6,00								
	Nominal Current	A		1,9	1,9	1,9	3,5	4,9	4,9	4,8	8,3	8,3	11,0								
	Maximal Current	A		12	12	12	21	34	34	34	59	59	77								
Electrical Heating	Electrical Power	kW		6	9	11	17	24	24	24	30	30	30								
	Nominal Current	A		10	15	17	28	38	38	38	48	48	48								
Type		FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW		
Water Flow	L/s	0,9	1,4	1,1	1,8	1,3	2,0	1,8	2,4	2,2	2,5	2,7	3,0	3,0	4,2	4,3	5,1	5,5	6,5	7,1	6,5
Water Pressure Loss	kPa	70	25	75	35	75	30	80	35	85	30	65	45	40	25	65	30	75	30	45	40
Length	mm	900		900		1000		1000		1500		1500		1670		1900		1900		1900	
Depth	mm	590		520		700		700		700		700		700		925		925		925	
Height – Duct	mm	1025		1650		1650		1650		1700		1700		1700		1700		1700		1700	
Height – Plenum	mm	1275		1900		1900		1900		1950		1950		1960		–		–		–	
Weight – Duct	kg	175	180	190	200	235	245	245	255	340	360	350	380	445	485	590	640	665	715	710	780
Weight – Plenum	kg	185	190	200	210	245	255	255	265	350	370	360	390	495	535	–	–	–	–	–	–
Fresh Water Inlet Temperature	°C	+36°C																			
Sea Water Inlet Temperature	°C	+32°C																			
Air Inlet Temperature	°C	+27°C/50%																			

DRAWING NUMBER 05 – 0162

VERSION 1.2

				11	14	17	22	28	35	40	54	70	92								
Cooling Capacity		kW		11	14	17	22	28	35	40	54	70	92								
Compressor	Electrical Power	kW		3,8	4,3	5,8	7,7	9,5	11,0	12,5	19,0	22,0	30,0								
	Nominal Current	A		6,0	6,5	9,0	11,5	14,0	16,0	19,0	35,0	38,0	51,0								
	Maximal Current	A		8,0	8,5	11,0	14,0	19,0	22,0	24,0	34,0	49,0	57,0								
	Starting Current	A		51	51	52	73	84	101	96	140	160	212								
Air Flow		m ³ /h		1700	2400	2800	4000	4500	6000	7400	11700	11900	12500								
Air Pressure – Duct		Pa		400	400	400	400	400	400	400	400	400	400								
Fan motor	Electrical Power	kW		0,83	0,83	0,83	1,65	1,98	1,98	2,40	4,40	4,40	6,00								
	Nominal Current	A		1,9	1,9	1,9	3,5	4,9	4,9	4,8	8,3	8,3	11,0								
	Maximal Current	A		12	12	12	21	34	34	34	59	59	77								
Electrical Heating	Electrical Power	kW		6	9	11	17	24	24	24	30	30	30								
	Nominal Current	A		10	15	17	28	38	38	38	48	48	48								
Type		FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW		
Water Flow	L/s	0,9	1,4	1,1	1,8	1,3	2,0	1,8	2,4	2,2	2,5	2,7	3,0	3,0	4,2	4,3	5,1	5,5	6,5	7,1	6,5
Water Pressure Loss	kPa	70	25	75	35	75	30	80	35	85	30	65	45	40	25	65	30	75	30	45	40
Length	mm	900		900		1000		1000		1500		1500		1670		1900		1900		1900	
Depth	mm	590		520		700		700		700		700		700		925		925		925	
Height – Duct	mm	1025		1650		1650		1650		1700		1700		1700		1700		1700		1700	
Height – Plenum	mm	1275		1900		1900		1900		1950		1950		1960		–		–		–	
Weight – Duct	kg	175	180	190	200	235	245	245	255	340	360	350	380	445	485	590	640	665	715	710	780
Weight – Plenum	kg	185	190	200	210	245	255	255	265	350	370	360	390	495	535	–	–	–	–	–	–
Fresh Water Inlet Temperature	°C	+36°C																			
Sea Water Inlet Temperature	°C	+32°C																			
Air Inlet Temperature	°C	+27°C/50%																			

DRAWING NUMBER 05 – 0163

VERSION 1.2

				11	14	17	22	28	35	40	54	70	92								
Cooling Capacity		kW		9	11	14	18	24	29	34	46	60	78								
Compressor	Electrical Power	kW		2,9	3,9	4,9	5,9	6,9	10,5	12,6	17,0	22,0	27,0								
	Nominal Current	A		5,6	7,5	9,5	11,0	13,0	21,0	24,0	31,0	46,0	58,0								
	Maximal Current	A		11,0	14,0	19,0	22,0	24,0	34,0	49,0	57,0	71,0	98,0								
	Starting Current	A		52	73	84	101	96	140	160	212	250	429								
Air Flow		m ³ /h		1400	1900	2300	3300	3700	5000	6100	9700	9900	10000								
Air Pressure – Duct		Pa		400	400	400	400	400	400	400	400	400	400								
Fan motor	Electrical Power	kW		0,83	0,83	0,83	1,65	1,98	1,98	2,40	4,40	4,40	6,00								
	Nominal Current	A		1,9	1,9	1,9	3,5	4,9	4,9	4,8	8,3	8,3	11,0								
	Maximal Current	A		12	12	12	21	34	34	34	59	59	77								
Electrical Heating	Electrical Power	kW		6	9	11	17	24	24	24	30	30	30								
	Nominal Current	A		10	15	17	28	38	38	38	48	48	48								
Type		FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW				
Water Flow	L/s	0,5	0,6	0,4	0,6	0,7	1,1	0,8	1,7	1,0	2,4	1,3	1,4	2,0	2,3	2,6	2,3	3,0	4,2	3,8	5,6
Water Pressure Loss	kPa	25	10	15	10	35	15	30	35	30	35	30	15	35	25	30	10	35	25	20	25
Length	mm	900		900		1000		1000		1500		1500		1670		1900		1900		1900	
Depth	mm	590		520		700		700		700		700		700		925		925		925	
Height – Duct	mm	1025		1650		1650		1650		1700		1700		1700		1700		1700		1700	
Height – Plenum	mm	1275		1900		1900		1900		1950		1950		1960		–		–		–	
Weight – Duct	kg	175	180	190	200	235	245	245	255	340	360	350	380	445	485	590	640	665	715	710	780
Weight – Plenum	kg	185	190	200	210	245	255	255	265	350	370	360	390	495	535	–	–	–	–	–	–
Fresh Water Inlet Temperature	°C	+36 °C																			
Sea Water Inlet Temperature	°C	+32 °C																			
Air Inlet Temperature	°C	+27°C/50%																			

DRAWING NUMBER 05 – 0164

VERSION 1.2

				11	14	17	22	28	35	40	54	70	92								
Cooling Capacity		kW		11	14	17	22	28	35	40	54	70	92								
Compressor	Electrical Power	kW		3,5	4,6	5,8	7,1	8,2	12,1	15,2	20,0	26,0	33,0								
	Nominal Current	A		5,6	7,5	9,5	11,0	13,0	23,0	28,0	36,0	52,0	64,0								
	Maximal Current	A		11,0	14,0	19,0	22,0	24,0	34,0	49,0	57,0	71,0	98,0								
	Starting Current	A		52	73	84	101	96	140	160	212	250	429								
Air Flow		m ³ /h		1700	2400	2800	4000	4500	6000	7400	11700	11900	12500								
Air Pressure – Duct		Pa		400	400	400	400	400	400	400	400	400	400								
Fan motor	Electrical Power	kW		0,83	0,83	0,83	1,65	1,98	1,98	2,40	4,40	4,40	6,00								
	Nominal Current	A		1,9	1,9	1,9	3,5	4,9	4,9	4,8	8,3	8,3	11,0								
	Maximal Current	A		12	12	12	21	34	34	34	59	59	77								
Electrical Heating	Electrical Power	kW		6	9	11	17	24	24	24	30	30	30								
	Nominal Current	A		10	15	17	28	38	28	38	48	48	48								
Type		FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW	FW	SW				
Water Flow	L/s	0,5	0,6	0,4	0,6	0,7	1,1	0,8	1,7	1,0	2,4	1,3	1,4	2,0	2,3	2,6	2,3	3,0	4,2	3,8	5,6
Water Pressure Loss	kPa	25	10	15	10	35	15	30	35	30	35	30	15	35	25	30	10	35	25	20	25
Length	mm	900		900		1000		1000		1500		1500		1670		1900		1900		1900	
Depth	mm	590		520		700		700		700		700		700		925		925		925	
Height – Duct	mm	1025		1650		1650		1650		1700		1700		1700		1700		1700		1700	
Height – Plenum	mm	1275		1900		1900		1900		1950		1960		1960		-		-		-	
Weight – Duct	kg	175	180	190	200	235	245	245	255	340	360	350	380	445	485	590	640	665	715	710	780
Weight – Plenum	kg	185	190	200	210	245	255	255	265	350	370	360	390	495	535	-	-	-	-	-	-
Fresh Water Inlet Temperature	°C	+36°C																			
Sea Water Inlet Temperature	°C	+32°C																			
Air Inlet Temperature	°C	+27°C/50%																			

DRAWING NUMBER 05 – 0165

VERSION 1.2

			11		14		22	
Cooling Capacity		kW	9		11		18	
Compressor	Electrical Power	kW	2,9		3,9		5,9	
	Nominal Current	A	5,6		7,5		11,0	
	Maximal Current	A	11,0		14,0		22,0	
	Starting Current	A	52		73		101	
Air Flow		m ³ /h	850		1000		1500	
Air Pressure – Duct		Pa	500		500		500	
Fan motor	Electrical Power	kW	0,8		0,8		0,8	
	Nominal Current	A	1,9		1,9		1,9	
	Maximal Current	A	11,6		11,6		11,6	
Electrical Heating	Electrical Power	kW	6,0		12,0		20,0	
	Nominal Current	A	10,0		18,0		30,0	
Type			FW	SW	FW	SW	FW	SW
Water Flow		L/s	0,5	0,6	0,4	0,6	0,8	1,7
Water Pressure Loss		kPa	25	10	15	10	30	35
Length		mm	900		900		1000	
Depth		mm	590		520		700	
Height		mm	1025		1650		1650	
Weight		kg	175	180	190	200	245	255
Fresh Water Inlet Temperature		°C	+36°C					
Sea Water Inlet Temperature		°C	+32°C					
Air Inlet Temperature		°C	+35°C / 70%					

DRAWING NUMBER 05 – 0170

VERSION 1.2

			11		14		22	
Cooling Capacity		kW	11		14		22	
Compressor	Electrical Power	kW	3,5		4,6		7,1	
	Nominal Current	A	5,6		7,5		11,0	
	Maximal Current	A	11,0		14,0		22,0	
	Starting Current	A	52		73		101	
Air Flow		m ³ /h	850		1000		1500	
Air Pressure – Duct		Pa	500		500		500	
Fan motor	Electrical Power	kW	0,8		0,8		0,8	
	Nominal Current	A	1,9		1,9		1,9	
	Maximal Current	A	11,6		11,6		11,6	
Electrical Heating	Electrical Power	kW	6,0		12,0		20,0	
	Nominal Current	A	10,0		18,0		30,0	
Type			FW	SW	FW	SW	FW	SW
Water Flow		L/s	0,5	0,6	0,4	0,6	0,8	1,7
Water Pressure Loss		kPa	25	10	15	10	30	35
Length		mm	900		900		1000	
Depth		mm	590		520		700	
Height		mm	1025		1650		1650	
Weight		kg	175	180	190	200	245	255
Fresh Water Inlet Temperature		°C	+36°C					
Sea Water Inlet Temperature		°C	+32°C					
Air Inlet Temperature		°C	+35°C / 70%					

DRAWING NUMBER 05 - 0171

VERSION 1.2

			11		14		22	
Cooling Capacity		kW	9		11		18	
Compressor	Electrical Power	kW	2,9		3,5		5,6	
	Nominal Current	A	5,2		6,5		10,0	
	Maximal Current	A	8,0		8,5		14,0	
	Starting Current	A	51		51		73	
Air Flow		m ³ /h	850		1000		1500	
Air Pressure – Duct		Pa	500		500		500	
Fan motor	Electrical Power	kW	0,8		0,8		0,8	
	Nominal Current	A	1,9		1,9		1,9	
	Maximal Current	A	11,6		11,6		11,6	
Electrical Heating	Electrical Power	kW	6,0		12,0		20,0	
	Nominal Current	A	10,0		18,0		30,0	
Type			FW	SW	FW	SW	FW	SW
Water Flow		L/s	0,9	1,4	1,1	1,8	1,8	2,4
Water Pressure Loss		kPa	70	25	75	35	80	35
Length		mm	900		900		1000	
Depth		mm	590		520		700	
Height		mm	1025		1650		1650	
Weight		kg	175	180	190	200	245	255
Fresh Water Inlet Temperature		°C	+36°C					
Sea Water Inlet Temperature		°C	+32°C					
Air Inlet Temperature		°C	+35°C / 70%					

DRAWING NUMBER 05 - 0166

VERSION 1.2

			11	14	22			
Cooling Capacity		kW	11	14	22			
Compressor	Electrical Power	kW	3,9	4,4	7,3			
	Nominal Current	A	5,5	6,5	11,0			
	Maximal Current	A	8,0	8,5	14,0			
	Starting Current	A	51	51	73			
Air Flow		m ³ /h	850	1000	1500			
Air Pressure – Duct		Pa	500	500	500			
Fan motor	Electrical Power	kW	0,8	0,8	0,8			
	Nominal Current	A	1,9	1,9	1,9			
	Maximal Current	A	11,6	11,6	11,6			
Electrical Heating	Electrical Power	kW	6,0	12,0	20,0			
	Nominal Current	A	10,0	18,0	30,0			
Type			FW	SW	FW	SW	FW	SW
Water Flow		L/s	0,9	1,4	1,1	1,8	1,8	2,4
Water Pressure Loss		kPa	70	25	75	35	80	35
Length		mm	900		900		1000	
Depth		mm	590		520		700	
Height		mm	1025		1650		1650	
Weight		kg	175	180	190	200	245	255
Fresh Water Inlet Temperature		°C	+36°C					
Sea Water Inlet Temperature		°C	+32°C					
Air Inlet Temperature		°C	+35°C / 70%					

DRAWING NUMBER 05 - 0167

VERSION 1.2

			11		14		22	
Cooling Capacity		kW	9		11		18	
Compressor	Electrical Power	kW	3,0		3,5		6,4	
	Nominal Current	A	5,7		6,5		11,5	
	Maximal Current	A	8,0		8,5		14,0	
	Starting Current	A	51		51		73	
Air Flow		m ³ /h	850		1000		1500	
Air Pressure – Duct		Pa	500		500		500	
Fan motor	Electrical Power	kW	0,8		0,8		0,8	
	Nominal Current	A	1,9		1,9		1,9	
	Maximal Current	A	11,6		11,6		11,6	
Electrical Heating	Electrical Power	kW	6,0		12,0		20,0	
	Nominal Current	A	10,0		18,0		30,0	
Type			FW	SW	FW	SW	FW	SW
Water Flow		L/s	0,9	1,4	1,1	1,8	1,8	2,4
Water Pressure Loss		kPa	70	25	75	35	80	35
Length		mm	900		900		1000	
Depth		mm	590		520		700	
Height		mm	1025		1650		1650	
Weight		kg	175	180	190	200	245	255
Fresh Water Inlet Temperature		°C	+36°C					
Sea Water Inlet Temperature		°C	+32°C					
Air Inlet Temperature		°C	+35°C / 70%					

DRAWING NUMBER 05 - 0168

VERSION 1.2

			11		14		22	
Cooling Capacity		kW	11		14		22	
Compressor	Electrical Power	kW	3,8		4,3		7,7	
	Nominal Current	A	6,0		6,5		11,5	
	Maximal Current	A	8,0		8,5		14,0	
	Starting Current	A	51		51		73	
Air Flow		m ³ /h	850		1000		1500	
Air Pressure – Duct		Pa	500		500		500	
Fan motor	Electrical Power	kW	0,8		0,8		0,8	
	Nominal Current	A	1,9		1,9		1,9	
	Maximal Current	A	11,6		11,6		11,6	
Electrical Heating	Electrical Power	kW	6,0		12,0		20,0	
	Nominal Current	A	10,0		18,0		30,0	
Type			FW	SW	FW	SW	FW	SW
Water Flow		L/s	0,9	1,4	1,1	1,8	1,8	2,4
Water Pressure Loss		kPa	70	25	75	35	80	35
Length		mm	900		900		1000	
Depth		mm	590		520		700	
Height		mm	1025		1650		1650	
Weight		kg	175	180	190	200	245	255
Fresh Water Inlet Temperature		°C	+36°C					
Sea Water Inlet Temperature		°C	+32°C					
Air Inlet Temperature		°C	+35°C / 70%					

DRAWING NUMBER 05 - 0169

VERSION 1.2