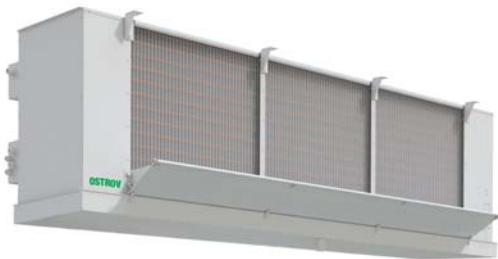
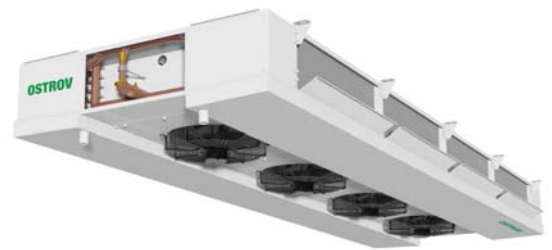


# OSTROV

refrigeration

## Unit coolers

HFC, HFO, HFC/HFO

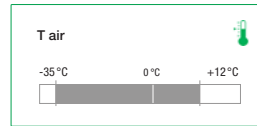
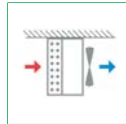


technical catalogue

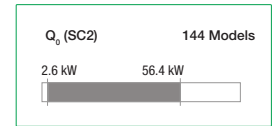


Wide range of OSTROV unit coolers are able to cover most of freezing and cooling applications, air conditioning for food processing rooms. Reliable and innovative design ensures process requirements and energy efficiency. The unit coolers are easy to maintain with convenient access to inspection areas.

## OH201

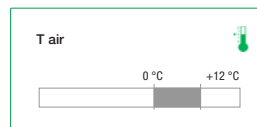
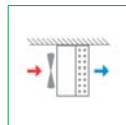


Temperature range

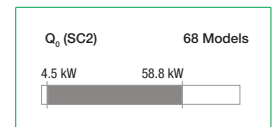


Capacity range

## OH203 AGRO

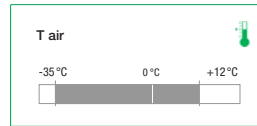
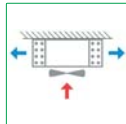


Temperature range

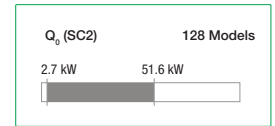


Capacity range

## OH222

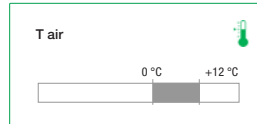
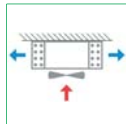


Temperature range

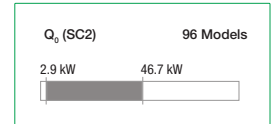


Capacity range

## OH221 AGRO



Temperature range



Capacity range

# Name designation

<b>OH</b>	<b>201</b>	-	<b>2</b>	<b>35</b>	<b>S</b>	<b>1</b>	<b>A</b>	-	<b>C</b>	<b>55</b>	-	<b>XX</b>
Ostrov Heat Exchanger	Series		Number of fans	Fan diameter	Noise level	Power supply	Motor type		Coil size	Fin spacing		Options
	OH201 OH203 AGRO OH222 OH221 AGRO		1 2 3 4 5	<b>35</b> 350 mm <b>40</b> 400 mm <b>45</b> 450 mm <b>50</b> 500 mm	<b>S</b> Standard <b>Q</b> Quiet	<b>1</b> ~1 - 230 V - 50 Hz <b>3</b> ~3 - 400 V - 50 Hz	<b>A</b> AC <b>E</b> EC		<b>C</b> 4 rows <b>E</b> 6 rows <b>G</b> 8 rows	<b>40</b> 4.0 mm <b>55</b> 5.5 mm <b>70</b> 7.0 mm <b>100</b> 10.0 mm		

# Quality assurance



EN ISO 9001:2009



EU directives



Customs Union directives

## Reliable design



## Energy efficiency



## High technical performance



## Easy mounting



## Casing

- Durable aluminium alloy casing is painted, corrosion-resistant and weighs 20% less compared to steel ones.
- Sealed inner drip tray with heater and coaxial design of drains prevent icing in drip trays.
- Insulated drip tray minimizes icing and increases defrosting efficiency. Reliable steel mounting brackets are painted in casing color.
- Easy-to-open side panels simplifies access to service areas.

## Coil

- Cooling coil with optimized geometry and extended heat exchanging surface provides low drying of stored products and increased defrosting intervals.
- Internal grooved 12 mm o.d. copper tubes combined with corrugated aluminium fins guarantee high heat exchange rate.
- Dividing plates between coil sections provide separate air channels for each fan.
- Each heat exchanger is fully tested for strength and leakages under the pressure of 34 bar and filled with pure nitrogen.
- Distributor is fixed in operating position and provides uniform distribution of refrigerant.
- Factory assembled mechanical or electronic expansion valve and solenoid valve simplifies mounting process (options VT, VE and VS).

## Fans

- Fans fitted with AC or EC fan motors provide low noise and minimal power consumption. Fans are certified according to EN 60335-1 and ErP 2015.
- Fan motors are equipped with thermal overload protector.
- Protection class IP54.
- Fan guard protects service staff and prevents entry of foreign objects in casing.
- Fans are connected in terminal box with IP54 protection class.
- Special system of fixing fans provides easy mounting and demounting.

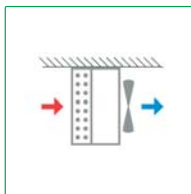
## Defrosting

- Optimized layout and capacity of heaters provide effective defrosting with minimal power consumption (option DE).
- Fan ring heaters prevents icing and guarantee fan reliability at low temperatures (option DF).
- Unit coolers are equipped with drain line heaters from 1 to 6 m length to prevent icing in drain pipe (options HA, HB, HC, HD, HF).
- Heaters are connected in terminal box with IP54 protection class.

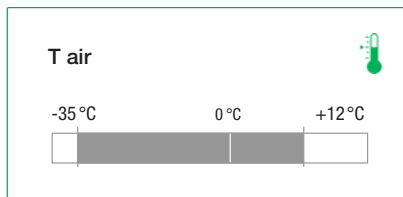
## Package

- Reliable wooden package protects unit coolers during long-distance transportation and provides the possibility of multilayer warehousing and alfresco storage.
- Shipping in operation position with installed drip tray provides fast mounting and prevents damage of unit cooler.

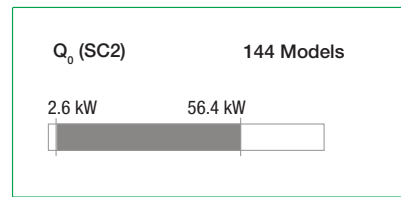
# Unit coolers OH201



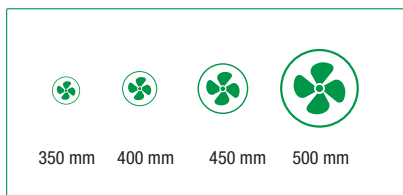
Medium and low temperature cold rooms  
Wide model range and options



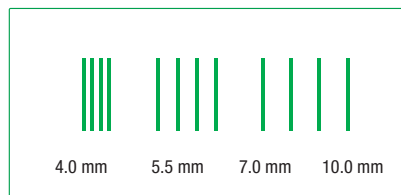
Temperature range



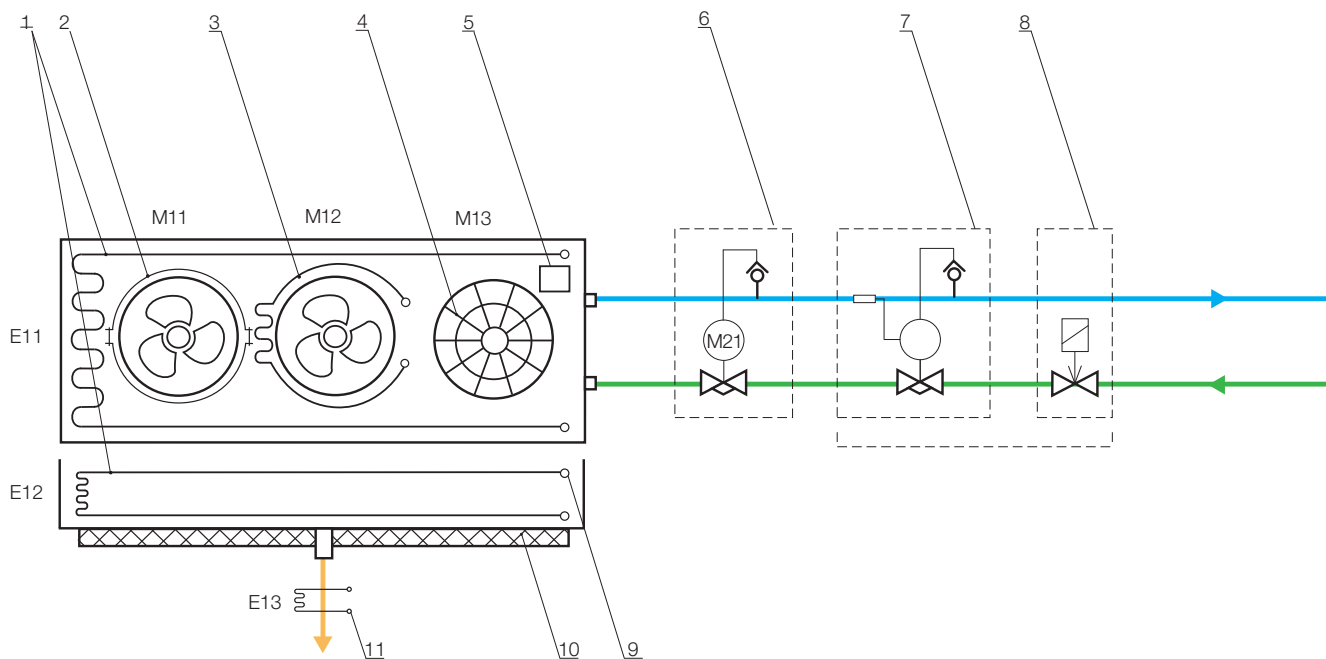
Capacity range



Fan diameter



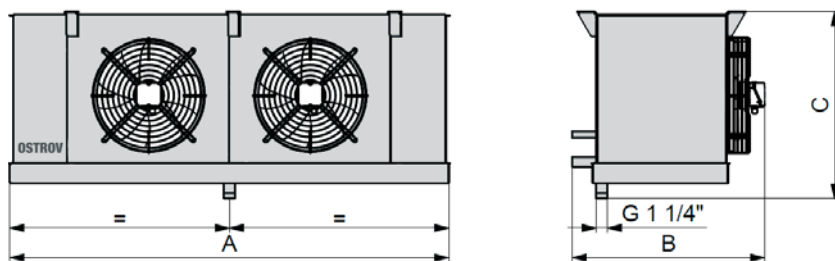
Fin spacing



Options

- |  |    |                              |    |
|--|----|------------------------------|----|
| 1 Electric defrost of coil and drip tray | DE | 10 Insulated drip tray       | IS |
| 2 Textile duct adapter                   | AA | 11 Heater of drain line, 1 m | HA |
| 3 Fan ring heating                       | DF | Heater of drain line, 2 m    | HB |
| 4 Streamer                               | AS | Heater of drain line, 3 m    | HC |
| 5 Connection of fans to terminal box     | CF | Heater of drain line, 4 m    | HD |
| 6 Electronic expansion valve             | VE | Heater of drain line, 6 m    | HF |
| 7 Thermostatic expansion valve           | VT |                              | EP |
| 8 Solenoid valve                         | VS | 12 Epoxy coated fins         | EF |
| 9 Electric defrost of drip tray          | DC | 13 ElectroFin® E-coat        |    |

Casing	A	B	C
	mm	mm	mm
OH201-135	940	565	600
OH201-235	1440	565	600
OH201-335	1940	565	600
OH201-435	2440	565	600
OH201-140	1045	690	700
OH201-240	1645	690	700
OH201-340	2245	690	700
OH201-440	2845	690	700
OH201-145	1090	695	790
OH201-245	1740	695	790
OH201-345	2390	695	790
OH201-445	3040	695	790
OH201-150	1300	710	840
OH201-250	2150	710	840
OH201-350	3000	710	840
OH201-450	3850	710	840




Complete technical data for each unit cooler are presented in data sheets

# Technical data OH201

Fin spacing 4.0 mm

Power supply ~1-230V-50Hz

Models		Number of fans	Q <sub>0</sub> (SC2) <sup>(2)</sup>	Air flow	Air throw	Air throw with streamer	Heat exchange surface	Internal volume	Fan data			Sound pressure level (3m) <sup>(3)</sup>	Electric defrost		Connections		Weight	
									Fan speed	Power consumption	Rated current		Coil	Drip tray	Inlet	Outlet		
									rpm	W	A	dB(A)	W	W	mm	mm		kg
Ø 350 mm	OH201-135S1A-C40	✓	1	3.8	2400	16	36	21.1	2.1	1290	174	0.8	50	1152	384	12	22	31
	OH201-135S1A-E40	✓	1	4.5	2100	15	35	31.7	3.3	1290	174	0.8	50	1536	384	12	22	34
	OH201-235S1A-C40	✓	2	7.6	4700	19	43	42.2	4.4	1290	348	1.6	53	2816	704	12	28	40
	OH201-235S1A-E40	✓	2	8.4	4100	18	43	63.3	6.5	1290	348	1.6	53	3520	704	12	28	49
	OH201-335S1A-C40	✓	3	11.0	7000	20	45	63.3	6.5	1290	522	2.3	55	4096	1024	12	28	62
	OH201-335S1A-E40	✓	3	13.3	6100	19	45	95.0	9.8	1290	522	2.3	55	5120	1024	16	28	66
	OH201-435S1A-C40	✓	4	14.5	9300	21	47	84.4	8.7	1290	696	3.1	56	5376	1344	16	35	80
	OH201-435S1A-E40	✓	4	17.1	8200	20	47	126.6	13.1	1290	696	3.1	56	6720	1344	16	35	91
Ø 400 mm	OH201-140S1A-E40		1	6.7	3000	19	42	45.6	4.5	1380	219	1.0	52	3136	448	16	28	40
	OH201-140S1A-G40		1	7.5	2700	18	42	60.8	6.0	1380	219	1.0	52	4032	448	16	28	44
	OH201-240S1A-E40		2	13.7	6000	22	50	91.2	9.2	1380	438	2.0	55	6656	832	28	35	78
	OH201-240S1A-G40		2	15.2	5400	21	50	121.6	12.2	1380	438	2.0	55	8320	832	28	35	87
	OH201-340S1A-E40		3	20.3	8900	23	52	136.8	14.0	1380	657	3.0	57	8512	1216	35	42	116
	OH201-340S1A-G40		3	22.8	8000	22	52	182.3	18.6	1380	657	3.0	57	12160	1216	35	42	128
	OH201-440S1A-E40		4	27.6	11 900	25	56	182.3	18.6	1380	876	3.9	58	12800	1600	35	42	150
	OH201-440S1A-G40		4	30.4	10 700	24	56	243.1	24.5	1380	876	3.9	58	16000	1600	35	54	168
Ø 450 mm	OH201-145S1A-C40		1	7.6	5300	28	61	38.4	4.0	1330	479	2.3	54	2400	480	12	28	49
	OH201-145S1A-E40		1	9.6	4700	26	58	57.6	5.9	1330	479	2.3	54	3840	480	22	28	55
	OH201-145S1A-G40		1	10.9	4200	24	55	76.8	7.9	1330	479	2.3	54	4800	480	22	28	61
	OH201-245S1A-C40		2	15.3	10 500	30	63	76.8	7.9	1330	958	4.5	57	5376	896	22	28	80
	OH201-245S1A-E40		2	19.2	9300	27	58	115.2	11.9	1330	958	4.5	57	7168	896	35	42	95
	OH201-245S1A-G40		2	22.0	8400	25	55	153.6	15.9	1330	958	4.5	57	8960	896	35	42	106
	OH201-345S1A-E40		3	29.2	14 000	29	62	172.8	17.8	1330	1437	6.8	58	10752	1344	35	42	133
	OH201-345S1A-G40		3	32.1	12 600	27	59	230.5	23.8	1330	1437	6.8	58	13440	1344	35	42	149
	OH201-445S1A-E40		4	37.5	18 600	30	64	230.5	23.8	1330	1916	9.0	59	13824	1728	35	54	172
	OH201-445S1A-G40		4	39.4	16 800	28	61	307.3	31.7	1330	1916	9.0	59	19008	1728	35	54	193
Ø 500 mm	OH201-150S1A-C40	✓	1	10.5	7200	36	72	53.8	5.8	1330	710	3.1	54	3648	608	16	28	62
	OH201-150S1A-E40	✓	1	13.6	6600	35	67	80.7	8.8	1330	710	3.1	54	4864	608	28	35	70
	OH201-150S1A-G40	✓	1	15.5	6100	33	63	107.6	11.4	1330	710	3.1	54	6080	608	28	35	78
	OH201-250S1A-C40	✓	2	19.4	14 400	37	73	107.6	11.8	1330	1420	6.2	57	6912	1152	16	35	109
	OH201-250S1A-E40	✓	2	25.6	13 100	36	67	161.4	17.7	1330	1420	6.2	57	10368	1152	28	35	123
	OH201-250S1A-G40	✓	2	27.9	12 100	34	63	215.3	22.9	1330	1420	6.2	57	12672	1152	28	42	139
	OH201-350S1A-E40	✓	3	39.8	19 700	38	72	242.2	25.3	1330	2130	9.3	58	15552	1728	35	42	183
	OH201-350S1A-G40	✓	3	42.1	18 100	37	69	322.9	34.6	1330	2130	9.3	58	20736	1728	35	42	206
	OH201-450S1A-E40	✓	4	48.1	26 200	39	73	322.9	34.5	1330	2840	12.4	59	22400	2240	35	54	234
	OH201-450S1A-G40	✓	4	56.4	24 100	38	72	430.5	45.5	1330	2840	12.4	59	29120	2240	35	54	264


(1) In-stock.

(2) Nominal capacities for R404A according to EN 328.

(3) Sound pressure according to EN13487.

Fin spacing 5.5 mm

Power supply ~1-230V-50Hz

	Models	 (1)	Number of fans	Capacity (SC2) (2)	Air flow	Air throw	Air throw with streamer	Heat exchange surface	Internal volume	Fan data			Sound pressure level (3m) (3)	Electric defrost		Connections		Weight
										Fan speed	Power consumption	Rated current		Coil	Drip tray	Inlet	Outlet	
Ø 350 mm	OH201-135S1A-C55	✓	1	3.5	2500	17	38	15.6	2.1	1290	174	0.8	50	1152	384	12	22	30
	OH201-135S1A-E55	✓	1	4.3	2200	16	37	23.4	3.3	1290	174	0.8	50	1536	384	12	22	33
	OH201-235S1A-C55	✓	2	7.0	4900	19	43	31.1	4.4	1290	348	1.6	53	2816	704	12	28	39
	OH201-235S1A-E55	✓	2	8.0	4300	18	43	46.7	6.5	1290	348	1.6	53	3520	704	12	28	47
	OH201-335S1A-C55	✓	3	10.2	7300	20	45	46.7	6.5	1290	522	2.3	55	4096	1024	12	28	60
	OH201-335S1A-E55	✓	3	12.7	6500	19	45	70.1	9.8	1290	522	2.3	55	5120	1024	16	28	64
	OH201-435S1A-C55	✓	4	13.5	9700	21	47	62.3	8.7	1290	696	3.1	56	5376	1344	16	35	77
	OH201-435S1A-E55	✓	4	16.4	8600	20	47	93.4	13.1	1290	696	3.1	56	6720	1344	16	35	89
Ø 400 mm	OH201-140S1A-E55		1	6.2	3200	19	42	33.6	4.5	1380	219	1.0	52	3136	448	16	28	38
	OH201-140S1A-G55		1	7.2	2900	18	42	44.8	6.0	1380	219	1.0	52	4032	448	16	28	42
	OH201-240S1A-E55		2	12.8	6300	22	50	67.3	9.2	1380	438	2.0	55	6656	832	28	35	75
	OH201-240S1A-G55		2	14.5	5700	21	50	89.7	12.2	1380	438	2.0	55	8320	832	28	35	83
	OH201-340S1A-E55		3	18.6	9400	24	54	100.9	14.0	1380	657	3.0	57	8512	1216	35	42	110
	OH201-340S1A-G55		3	21.9	8500	23	54	134.5	18.6	1380	657	3.0	57	12160	1216	35	42	122
	OH201-440S1A-E55		4	25.8	12 500	26	58	134.5	18.6	1380	876	3.9	58	12800	1600	35	42	143
	OH201-440S1A-G55		4	29.1	11 400	25	58	179.4	24.5	1380	876	3.9	58	16000	1600	35	54	160
Ø 450 mm	OH201-145S1A-C55		1	6.9	5500	29	63	28.3	4.0	1330	479	2.3	54	2400	480	12	28	48
	OH201-145S1A-E55		1	8.9	4900	27	60	42.5	5.9	1330	479	2.3	54	3840	480	22	28	54
	OH201-145S1A-G55		1	10.4	4500	25	58	56.7	7.9	1330	479	2.3	54	4800	480	22	28	60
	OH201-245S1A-C55		2	14.0	10 900	31	66	56.7	7.9	1330	958	4.5	57	5376	896	22	28	79
	OH201-245S1A-E55		2	17.8	9800	28	60	85.0	11.9	1330	958	4.5	57	7168	896	35	42	94
	OH201-245S1A-G55		2	20.9	8900	26	57	113.3	15.9	1330	958	4.5	57	8960	896	35	42	105
	OH201-345S1A-E55		3	27.4	14 700	30	64	127.5	17.8	1330	1437	6.8	58	10752	1344	35	42	132
	OH201-345S1A-G55		3	30.8	13 400	28	62	170.0	23.8	1330	1437	6.8	58	13440	1344	35	42	148
	OH201-445S1A-E55		4	35.5	19 600	31	66	170.0	23.8	1330	1916	9.0	59	13824	1728	35	54	170
	OH201-445S1A-G55		4	38.3	17 800	29	63	226.7	31.7	1330	1916	9.0	59	19008	1728	35	54	191
Ø 500 mm	OH201-150S1A-C55	✓	1	9.5	7400	37	74	39.7	5.8	1330	710	3.1	54	3648	608	16	28	58
	OH201-150S1A-E55	✓	1	12.6	6900	36	69	59.6	8.8	1330	710	3.1	54	4864	608	28	35	65
	OH201-150S1A-G55	✓	1	14.6	6400	34	65	79.4	11.4	1330	710	3.1	54	6080	608	28	35	73
	OH201-250S1A-C55	✓	2	18.1	14 800	37	73	79.4	11.8	1330	1420	6.2	57	6912	1152	16	35	102
	OH201-250S1A-E55	✓	2	24.2	13 700	36	67	119.1	17.7	1330	1420	6.2	57	10368	1152	28	35	114
	OH201-250S1A-G55	✓	2	27.0	12 700	35	65	158.8	22.9	1330	1420	6.2	57	12672	1152	28	42	129
	OH201-350S1A-E55	✓	3	37.5	20 600	38	72	178.7	25.3	1330	2130	9.3	58	15552	1728	35	42	171
	OH201-350S1A-G55	✓	3	38.5	17 800	37	69	210.2	34.6	1330	2130	9.3	58	20736	1728	35	42	193
	OH201-450S1A-E55	✓	4	46.0	27 400	39	73	238.2	34.5	1330	2840	12.4	59	22400	2240	35	54	218
	OH201-450S1A-G55	✓	4	54.6	25 300	38	72	317.6	45.5	1330	2840	12.4	59	29120	2240	35	54	247


(1) In-stock.  
 (2) Nominal capacities for R404A according to EN 328.  
 (3) Sound pressure according to EN13487.



# Technical data OH201

Fin spacing 7.0 mm

Power supply ~1-230V-50Hz

Models	 (1)	Number of fans	Capacity (SC2) (2)	Air flow	Air throw	Air throw with streamer	Heat exchange surface	Internal volume	Fan data			Sound pressure level (3m) (3)	Electric defrost		Connections		Weight
									Fan speed	Power consumption	Rated current		Coil	Drip tray	Inlet	Outlet	
									rpm	W	A		W	W	mm	mm	
OH201-135S1A-C70	✓	1	3.0	2500	17	38	12.4	2.1	1290	174	0.8	50	1152	384	12	22	29
OH201-135S1A-E70	✓	1	3.9	2300	16	37	18.6	3.3	1290	174	0.8	50	1536	384	12	22	32
OH201-235S1A-C70	✓	2	6.1	5000	19	43	24.8	4.4	1290	348	1.6	53	2816	704	12	28	38
OH201-235S1A-E70	✓	2	7.5	4500	18	43	37.2	6.5	1290	348	1.6	53	3520	704	12	28	46
OH201-335S1A-C70	✓	3	9.1	7500	21	48	37.2	6.5	1290	522	2.3	55	4096	1024	12	28	58
OH201-335S1A-E70	✓	3	11.7	6700	20	47	55.8	9.8	1290	522	2.3	55	5120	1024	16	28	62
OH201-435S1A-C70	✓	4	12.1	9900	22	49	49.6	8.7	1290	696	3.1	56	5376	1344	16	35	75
OH201-435S1A-E70	✓	4	15.2	9000	21	49	74.4	13.1	1290	696	3.1	56	6720	1344	16	35	86
OH201-140S1A-E70		1	5.4	3300	20	44	26.8	4.5	1380	219	1.0	52	3136	448	16	28	36
OH201-140S1A-G70		1	6.7	3000	19	44	35.7	6.0	1380	219	1.0	52	4032	448	16	28	40
OH201-240S1A-E70		2	11.5	6500	22	50	53.6	9.2	1380	438	2.0	55	6656	832	28	35	71
OH201-240S1A-G70		2	13.4	6000	21	50	71.5	12.2	1380	438	2.0	55	8320	832	28	35	79
OH201-340S1A-E70		3	16.2	9700	24	54	80.4	14.0	1380	657	3.0	57	8512	1216	35	42	105
OH201-340S1A-G70		3	20.2	8900	23	54	107.2	18.6	1380	657	3.0	57	12160	1216	35	42	116
OH201-440S1A-E70		4	23.0	13 000	27	60	107.2	18.6	1380	876	3.9	58	12800	1600	35	42	136
OH201-440S1A-G70		4	26.8	11 900	26	61	142.9	24.5	1380	876	3.9	58	16000	1600	35	54	152
OH201-145S1A-C70		1	5.0	5600	30	65	22.6	4.0	1330	479	2.3	54	2400	480	12	28	47
OH201-145S1A-E70		1	7.9	5200	28	62	33.9	5.9	1330	479	2.3	54	3840	480	22	28	53
OH201-145S1A-G70		1	9.5	4700	26	60	45.2	7.9	1330	479	2.3	54	4800	480	22	28	59
OH201-245S1A-C70		2	12.2	11 100	31	66	45.2	7.9	1330	958	4.5	57	5376	896	22	28	78
OH201-245S1A-E70		2	15.8	10 300	29	62	67.7	11.9	1330	958	4.5	57	7168	896	35	42	93
OH201-245S1A-G70		2	19.1	9400	27	60	90.3	15.9	1330	958	4.5	57	8960	896	35	42	104
OH201-345S1A-E70		3	24.6	15 300	31	66	101.6	17.8	1330	1437	6.8	58	10752	1344	35	42	131
OH201-345S1A-G70		3	28.6	14 000	29	64	135.5	23.8	1330	1437	6.8	58	13440	1344	35	42	147
OH201-445S1A-E70		4	32.3	20 400	32	68	135.5	23.8	1330	1916	9.0	59	13824	1728	35	54	168
OH201-445S1A-G70		4	35.9	18 600	30	66	180.7	31.7	1330	1916	9.0	59	19008	1728	35	54	189
OH201-150S1A-C70	✓	1	8.3	7600	37	74	31.6	5.8	1330	710	3.1	54	3648	608	16	28	54
OH201-150S1A-E70	✓	1	11.1	7100	36	69	47.5	8.8	1330	710	3.1	54	4864	608	28	35	61
OH201-150S1A-G70	✓	1	13.2	6600	34	65	63.3	11.4	1330	710	3.1	54	6080	608	28	35	68
OH201-250S1A-C70	✓	2	16.2	15 100	38	75	63.3	11.8	1330	1420	6.2	57	6912	1152	16	35	95
OH201-250S1A-E70	✓	2	22.0	14 100	37	69	94.9	17.7	1330	1420	6.2	57	10368	1152	28	35	107
OH201-250S1A-G70	✓	2	25.2	13 200	36	67	126.6	22.9	1330	1420	6.2	57	12672	1152	28	42	121
OH201-350S1A-E70	✓	3	33.8	21 100	39	73	142.4	25.3	1330	2130	9.3	58	15552	1728	35	42	160
OH201-350S1A-G70	✓	3	38.1	19 700	38	71	189.8	34.6	1330	2130	9.3	58	20736	1728	35	42	180
OH201-450S1A-E70	✓	4	42.3	28 100	40	75	189.8	34.5	1330	2840	12.4	59	22400	2240	35	54	204
OH201-450S1A-G70	✓	4	51.0	26 300	39	73	253.1	45.5	1330	2840	12.4	59	29120	2240	35	54	231

(1) In-stock.


(2) Nominal capacities for R404A according to EN 328.

(3) Sound pressure according to EN13487.



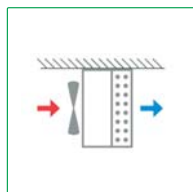
Fin spacing 10.0 mm

Power supply ~1-230V-50Hz

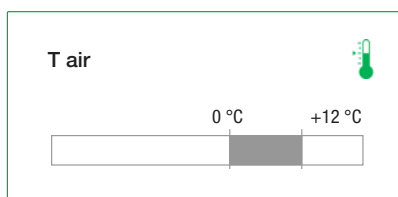
		Number of fans	Capacity (SC2) <sup>(2)</sup>	Air flow	Air throw	Air throw with streamer	Heat exchange surface	Internal volume	Fan data			Sound pressure level (3m) <sup>(3)</sup>	Electric defrost		Connections		Weight	
									Fan speed	Power consumption	Rated current		Coil	Drip tray	Inlet	Outlet		
									kW	m <sup>3</sup> /h	m	m	m <sup>2</sup>	dm <sup>3</sup>	rpm	W		A
Ø 350 mm	OH201-135S1A-C100	✓	1	2.6	2600	17	38	8.9	2.1	1290	710	0.8	50	1152	384	12	22	28
	OH201-135S1A-E100	✓	1	3.5	2400	16	37	13.4	3.3	1290	710	0.8	50	1536	384	12	22	31
	OH201-235S1A-C100	✓	2	5.3	5200	19	43	17.9	4.4	1290	1420	1.6	53	2816	704	12	28	37
	OH201-235S1A-E100	✓	2	6.8	4800	18	43	26.8	6.5	1290	1420	1.6	53	3520	704	12	28	44
	OH201-335S1A-C100	✓	3	8.0	7700	21	48	26.8	6.5	1290	2130	2.3	55	4096	1024	12	28	56
	OH201-335S1A-E100	✓	3	10.5	7100	20	47	40.2	9.8	1290	2130	2.3	55	5120	1024	16	28	60
	OH201-435S1A-C100	✓	4	10.6	10 300	22	49	35.7	8.7	1290	2840	3.1	56	5376	1344	16	35	73
	OH201-435S1A-E100	✓	4	13.8	9500	21	49	53.6	13.1	1290	2840	3.1	56	6720	1344	16	35	83
Ø 400 mm	OH201-140S1A-E100		1	4.5	3400	20	44	19.3	4.5	1380	710	1.0	52	3136	448	16	28	35
	OH201-140S1A-G100		1	5.9	3200	19	44	25.7	6.0	1380	710	1.0	52	4032	448	16	28	38
	OH201-240S1A-E100		2	10.1	6800	22	50	38.6	9.2	1380	1420	2.0	55	6656	832	28	35	69
	OH201-240S1A-G100		2	11.9	6300	21	50	51.4	12.2	1380	1420	2.0	55	8320	832	28	35	76
	OH201-340S1A-E100		3	13.7	10 100	24	54	57.9	14.0	1380	2130	3.0	57	8512	1216	35	42	102
	OH201-340S1A-G100		3	18.3	9500	23	54	77.1	18.6	1380	2130	3.0	57	12160	1216	35	42	112
	OH201-440S1A-E100		4	20.2	13 500	27	60	77.1	18.6	1380	2840	3.9	58	12800	1600	35	42	132
	OH201-440S1A-G100		4	23.8	12 600	26	61	102.9	24.5	1380	2840	3.9	58	16000	1600	35	54	147
Ø 450 mm	OH201-145S1A-C100		1	4.1	5800	30	65	16.3	4.0	1330	710	2.3	54	2400	480	12	28	45
	OH201-145S1A-E100		1	6.7	5400	28	62	24.4	5.9	1330	710	2.3	54	3840	480	22	28	51
	OH201-145S1A-G100		1	8.6	5000	26	60	32.5	7.9	1330	710	2.3	54	4800	480	22	28	57
	OH201-245S1A-C100		2	10.5	11 500	31	66	32.5	7.9	1330	1420	4.5	57	5376	896	22	28	76
	OH201-245S1A-E100		2	13.5	10 700	29	62	48.8	11.9	1330	1420	4.5	57	7168	896	35	42	91
	OH201-245S1A-G100		2	17.2	9900	27	60	65.0	15.9	1330	1420	4.5	57	8960	896	35	42	101
	OH201-345S1A-E100		3	21.7	16 000	31	66	73.1	17.8	1330	2130	6.8	58	10752	1344	35	42	127
	OH201-345S1A-G100		3	26.0	14 800	29	64	97.5	23.8	1330	2130	6.8	58	13440	1344	35	42	142
	OH201-445S1A-E100		4	28.8	21 300	32	68	97.5	23.8	1330	2840	9.0	59	13824	1728	35	54	164
OH201-445S1A-G100		4	33.2	19 700	30	66	130.0	31.7	1330	2840	9.0	59	19008	1728	35	54	183	
Ø 500 mm	OH201-150S1A-C100	✓	1	7.1	7800	37	74	22.8	5.8	1330	710	3.1	54	3648	608	16	28	53
	OH201-150S1A-E100	✓	1	9.6	7300	36	69	34.2	8.8	1330	710	3.1	54	4864	608	28	35	59
	OH201-150S1A-G100	✓	1	11.5	6900	34	65	45.5	11.4	1330	710	3.1	54	6080	608	28	35	66
	OH201-250S1A-C100	✓	2	14.3	15 500	38	75	45.5	11.8	1330	1420	6.2	57	6912	1152	16	35	93
	OH201-250S1A-E100	✓	2	19.7	14 600	37	69	68.3	17.7	1330	1420	6.2	57	10368	1152	28	35	104
	OH201-250S1A-G100	✓	2	23.2	13 800	36	67	91.1	22.9	1330	1420	6.2	57	12672	1152	28	42	117
	OH201-350S1A-E100	✓	3	30.0	21 800	39	73	102.5	25.3	1330	2130	9.3	58	15552	1728	35	42	155
	OH201-350S1A-G100	✓	3	35.0	20 700	38	71	136.6	34.6	1330	2130	9.3	58	20736	1728	35	42	173
	OH201-450S1A-E100	✓	4	38.2	29 100	40	75	136.6	34.5	1330	2840	12.4	59	22400	2240	35	54	197
	OH201-450S1A-G100	✓	4	46.8	27 500	39	73	182.2	45.5	1330	2840	12.4	59	29120	2240	35	54	222

(1) In-stock.  
 (2) Nominal capacities for R404A according to EN 328.  
 (3) Sound pressure according to EN13487.

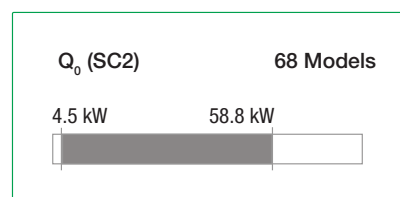
# Unit coolers OH203 AGRO



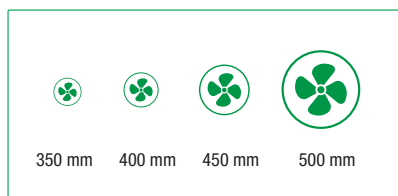
Long-term and short-term fruit & vegetables storages  
Special unit coolers design



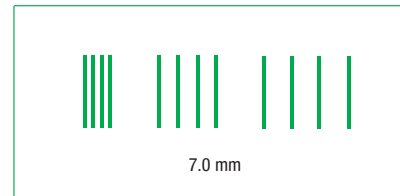
Temperature range



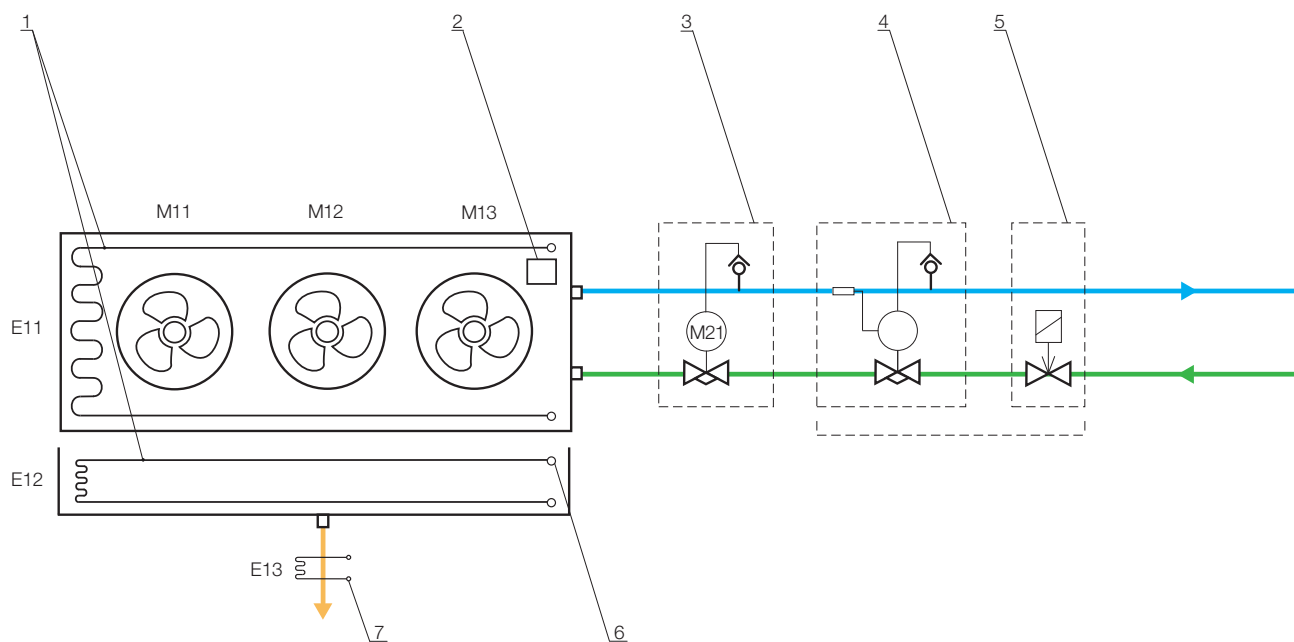
Capacity range



Fan diameter



Fin spacing



### Options

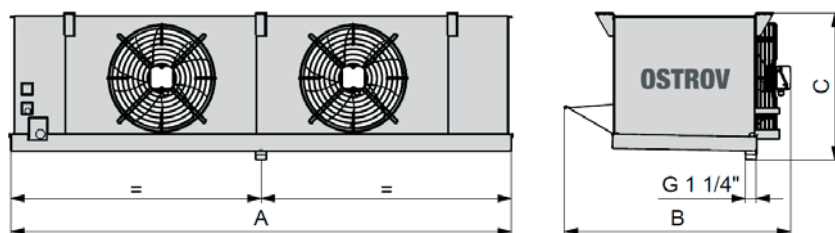
- 1 Electric defrost of coil and drip tray
- 2 Connection of fans to terminal box
- 3 Electronic expansion valve
- 4 Thermostatic expansion valve
- 5 Solenoid valve
- 6 Electric defrost of drip tray

- DE
- CF
- VE
- VT
- VS
- DC

- 7 Heater of drain line, 1 m
- Heater of drain line, 2 m
- Heater of drain line, 3 m
- Heater of drain line, 4 m
- Heater of drain line, 6 m
- 8 Epoxy coated fins
- 9 ElectroFin® E-coat

- HA
- HB
- HC
- HD
- HF
- EP
- EF

Casing	A	B	C
	mm	mm	mm
OH203-135	1060	860	570
OH203-235	1660	860	570
OH203-335	2260	860	570
OH203-435	2860	860	570
OH203-535	3460	860	570
OH203-140	1210	885	570
OH203-240	1960	885	570
OH203-340	2710	885	570
OH203-440	3460	885	570
OH203-145	1310	910	665
OH203-245	2160	910	665
OH203-345	3010	910	665
OH203-445	3860	910	665
OH203-150	1460	985	760
OH203-250	2460	985	760
OH203-350	3460	985	760
OH203-450	4460	985	760



Complete technical data for each unit cooler are presented in data sheets

# Technical data OH203 AGRO

Fin spacing 7.0 mm

Power supply ~1-230V-50Hz

Models	Number of fans	Capacity (SC2) <sup>(1)</sup>	Air flow	Air throw	Heat exchange surface	Internal volume	Fan data				Sound pressure level (3m) <sup>(2)</sup>	Electric defrost		Connections		Weight
							Power supply	Fan speed	Power consumption	Rated current		Coil	Drip tray	Inlet	Outlet	
							Ph-V-Hz	rpm	W	A		W	W	mm	mm	
Ø 350 mm																
OH203-135S1A-E70	1	4.5	2500	13	22.3	3.9	1-230-50	1290	174	0.8	48	1344	448	12	22	36
OH203-135S1A-G70	1	5.3	2300	12	29.8	5.2	1-230-50	1290	174	0.8	48	1792	448	16	22	40
OH203-235S1A-E70	2	9.2	4900	13	44.7	7.8	1-230-50	1290	348	1.6	51	2496	832	16	28	56
OH203-235S1A-G70	2	10.6	4500	12	59.6	10.4	1-230-50	1290	348	1.6	51	3328	832	16	28	63
OH203-335S1A-E70	3	13.7	7300	13	67.0	11.7	1-230-50	1290	522	2.4	53	3648	1216	16	35	76
OH203-335S1A-G70	3	16.0	6800	12	89.3	15.5	1-230-50	1290	522	2.4	53	4864	1216	22	35	87
OH203-435S1A-E70	4	18.4	9700	14	89.3	15.5	1-230-50	1290	696	3.2	54	4800	1600	22	35	96
OH203-435S1A-G70	4	20.7	9000	13	119.1	20.7	1-230-50	1290	696	3.2	54	6400	1600	22	35	110
OH203-535S1A-E70	5	22.4	12 100	14	111.7	19.4	1-230-50	1290	870	4.0	55	5952	1984	22	35	115
OH203-535S1A-G70	5	26.7	11 300	13	148.9	25.8	1-230-50	1290	870	4.0	55	7936	1984	35	42	134
Ø 400 mm																
OH203-140S1A-E70	1	5.9	3300	15	27.9	4.9	1-230-50	1380	219	1.0	51	1632	544	12	28	41
OH203-140S1A-G70	1	6.9	3100	14	37.2	6.5	1-230-50	1380	219	1.0	51	2176	544	16	28	46
OH203-240S1A-E70	2	11.9	6600	16	55.8	9.7	1-230-50	1380	438	2.0	54	3072	1024	16	35	65
OH203-240S1A-G70	2	13.9	6100	15	74.4	12.9	1-230-50	1380	438	2.0	54	4096	1024	22	35	74
OH203-340S1A-E70	3	18.0	9900	16	83.8	14.6	1-230-50	1380	657	3.0	56	4512	1504	28	42	89
OH203-340S1A-G70	3	20.5	9100	14	111.7	19.4	1-230-50	1380	657	3.0	56	6016	1504	28	42	103
OH203-440S1A-E70	4	23.3	13 100	17	111.7	19.4	1-230-50	1380	876	4.0	57	5952	1984	28	42	113
OH203-440S1A-G70	4	27.9	12 200	16	148.9	25.8	1-230-50	1380	876	4.0	57	7936	1984	35	54	131
Ø 450 mm																
OH203-145S1A-E70	1	8.2	4700	19	38.0	6.6	1-230-50	1345	303	1.4	53	2432	608	16	28	51
OH203-145S1A-G70	1	9.7	4400	17	50.6	8.8	1-230-50	1345	303	1.4	53	3040	608	16	28	57
OH203-245S1A-E70	2	16.5	9300	20	75.9	13.2	1-230-50	1345	606	2.8	56	4608	1152	28	42	82
OH203-245S1A-G70	2	19.4	8700	18	101.2	17.6	1-230-50	1345	606	2.8	56	5760	1152	28	42	94
OH203-345S1A-E70	3	24.7	13 900	19	113.9	19.8	1-230-50	1345	909	4.2	58	6912	1728	28	42	113
OH203-345S1A-G70	3	29.1	13 000	18	151.9	26.4	1-230-50	1345	909	4.2	58	8640	1728	35	42	131
OH203-445S1A-E70	4	33.2	18 500	20	151.9	26.4	1-230-50	1345	1212	5.6	59	8960	2240	35	54	144
OH203-445S1A-G70	4	39.0	17 300	19	202.5	35.1	1-230-50	1345	1212	5.6	59	11200	2240	35	54	168
Ø 500 mm																
OH203-150S1A-E70	1	11.3	6400	23	52.1	9.1	1-230-50	1300	530	2.3	54	3520	704	22	35	67
OH203-150S1A-G70	1	13.2	6100	22	69.5	12.1	1-230-50	1300	530	2.3	54	4224	704	22	35	75
OH203-250S1A-E70	2	22.8	12 800	24	104.2	18.1	1-230-50	1300	1060	4.6	57	6720	1344	35	42	108
OH203-250S1A-G70	2	26.7	12 100	23	139.0	24.1	1-230-50	1300	1060	4.6	57	8064	1344	35	42	125
OH203-350S1A-E70	3	33.2	19 100	24	156.3	27.1	1-230-50	1300	1590	6.9	59	9920	1984	35	54	149
OH203-350S1A-G70	3	36.5	18 100	23	208.4	36.2	1-230-50	1300	1590	6.9	59	11904	1984	35	54	174
OH203-450S1A-E70	4	40.4	25 500	24	208.4	34.1	1-230-50	1300	2120	9.2	60	13280	2656	35	54	232
OH203-450S1A-G70	4	53.7	24 100	23	277.9	45.4	1-230-50	1300	2120	9.2	60	15936	2656	35	54	267

(1) Nominal capacities for R404A according to EN 328.

(2) Sound pressure according to EN13487.

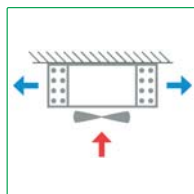
Fin spacing 7.0 mm

Power supply ~3-400V-50Hz

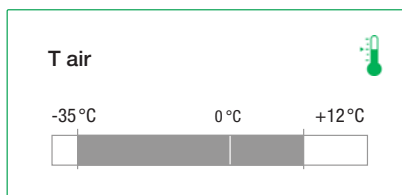
Models	Number of fans	Capacity (SC2) <sup>(1)</sup>	Air flow	Air throw	Heat exchange surface	Internal volume	Fan data				Sound pressure level (3m) <sup>(2)</sup>	Electric defrost		Connections		Weight
							Power supply	Fan speed	Power consumption	Rated current		Coil	Drip tray	Inlet	Outlet	
							Ph-V-Hz	rpm	W	A		W	W	mm	mm	
∅ 350 mm																
OH203-135S3A-E70	1	4.8	2700	14	22.3	3.9	3-400-50	1390 (D)	190	0.4	49	1344	448	12	22	36
OH203-135S3A-G70	1	5.5	2500	13	29.8	5.2	3-400-50	1390 (D)	190	0.4	49	1792	448	16	22	40
OH203-235S3A-E70	2	9.6	5400	15	44.7	7.8	3-400-50	1390 (D)	380	0.8	52	2496	832	16	28	56
OH203-235S3A-G70	2	11.2	4900	13	59.6	10.4	3-400-50	1390 (D)	380	0.8	52	3328	832	16	28	63
OH203-335S3A-E70	3	14.4	8000	15	67.0	11.7	3-400-50	1390 (D)	570	1.2	54	3648	1216	16	35	76
OH203-335S3A-G70	3	16.8	7400	13	89.3	15.5	3-400-50	1390 (D)	570	1.2	54	4864	1216	22	35	87
OH203-435S3A-E70	4	19.3	10700	16	89.3	15.5	3-400-50	1390 (D)	760	1.6	55	4800	1600	22	35	96
OH203-435S3A-G70	4	21.6	9800	14	119.1	20.7	3-400-50	1390 (D)	760	1.6	55	6400	1600	22	35	110
OH203-535S3A-E70	5	23.4	13300	15	111.7	19.4	3-400-50	1390 (D)	950	2.0	56	5952	1984	22	35	115
OH203-535S3A-G70	5	28.0	12200	14	148.9	25.8	3-400-50	1390 (D)	950	2.0	56	7936	1984	35	42	134
∅ 400 mm																
OH203-140S3A-E70	1	5.8	3300	17	27.9	4.9	3-400-50	1360 (D)	230	0.5	51	1632	544	12	28	42
OH203-140S3A-G70	1	6.9	3100	15	37.2	6.5	3-400-50	1360 (D)	230	0.5	51	2176	544	16	28	47
OH203-240S3A-E70	2	11.8	6500	18	55.8	9.7	3-400-50	1360 (D)	460	1.0	54	3072	1024	16	35	66
OH203-240S3A-G70	2	13.9	6100	16	74.4	12.9	3-400-50	1360 (D)	460	1.0	54	4096	1024	22	35	75
OH203-340S3A-E70	3	17.8	9700	17	83.8	14.6	3-400-50	1360 (D)	690	1.5	56	4512	1504	28	42	90
OH203-340S3A-G70	3	20.5	9200	16	111.7	19.4	3-400-50	1360 (D)	690	1.5	56	6016	1504	28	42	104
OH203-440S3A-E70	4	23.1	12 900	18	111.7	19.4	3-400-50	1360 (D)	920	2.0	57	5952	1984	28	42	114
OH203-440S3A-G70	4	28.0	12 200	17	148.9	25.8	3-400-50	1360 (D)	920	2.0	57	7936	1984	35	54	132
∅ 450 mm																
OH203-145S3A-E70	1	9.0	5700	23	38.0	6.6	3-400-50	1350 (D)	540	1.1	52	2432	608	16	28	55
OH203-145S3A-G70	1	10.7	5300	21	50.6	8.8	3-400-50	1350 (D)	540	1.1	52	3040	608	16	28	61
OH203-245S3A-E70	2	18.2	11 300	24	75.9	13.2	3-400-50	1350 (D)	1080	2.2	55	4608	1152	28	42	86
OH203-245S3A-G70	2	21.6	10 500	22	101.2	17.6	3-400-50	1350 (D)	1080	2.2	55	5760	1152	28	42	98
OH203-345S3A-E70	3	27.0	17 000	24	113.9	19.8	3-400-50	1350 (D)	1620	3.3	57	6912	1728	28	42	117
OH203-345S3A-G70	3	32.2	15 800	22	151.9	26.4	3-400-50	1350 (D)	1620	3.3	57	8640	1728	35	42	135
OH203-445S3A-E70	4	36.6	22 600	25	151.9	26.4	3-400-50	1350 (D)	2160	4.4	58	8960	2240	35	54	148
OH203-445S3A-G70	4	43.4	21 000	23	202.5	35.1	3-400-50	1350 (D)	2160	4.4	58	11200	2240	35	54	172
∅ 500 mm																
OH203-150S3A-E70	1	12.4	7700	28	52.1	9.1	3-400-50	1340 (D)	840	1.4	54	3520	704	22	35	69
OH203-150S3A-G70	1	14.5	7200	26	69.5	12.1	3-400-50	1340 (D)	840	1.4	54	4224	704	22	35	77
OH203-250S3A-E70	2	24.9	15 300	29	104.2	18.1	3-400-50	1340 (D)	1680	2.8	57	6720	1344	35	42	110
OH203-250S3A-G70	2	29.2	14 400	27	139.0	24.1	3-400-50	1340 (D)	1680	2.8	57	8064	1344	35	42	127
OH203-350S3A-E70	3	35.9	22 900	29	156.3	27.1	3-400-50	1340 (D)	2520	4.2	59	9920	1984	35	54	151
OH203-350S3A-G70	3	39.4	21 500	27	208.4	36.2	3-400-50	1340 (D)	2520	4.2	59	11904	1984	35	54	176
OH203-450S3A-E70	4	43.2	30 500	30	208.5	34.1	3-400-50	1340 (D)	3360	5.6	60	13280	2656	35	54	234
OH203-450S3A-G70	4	58.8	28 700	28	277.9	45.4	3-400-50	1340 (D)	3360	5.6	60	15936	2656	35	54	269

(1) Nominal capacities for R404A according to EN 328.  
 (2) Sound pressure according to EN13487.

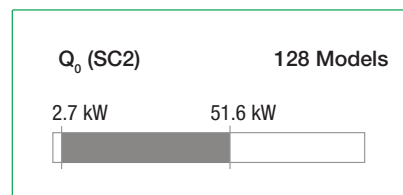
# Unit coolers OH222



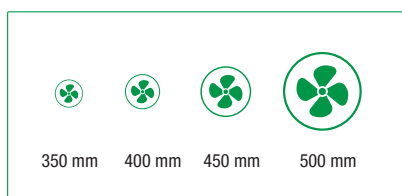
Industrial premises and different cold rooms  
High performance in a compact design



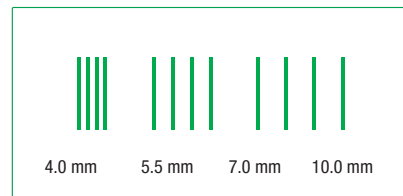
Temperature range



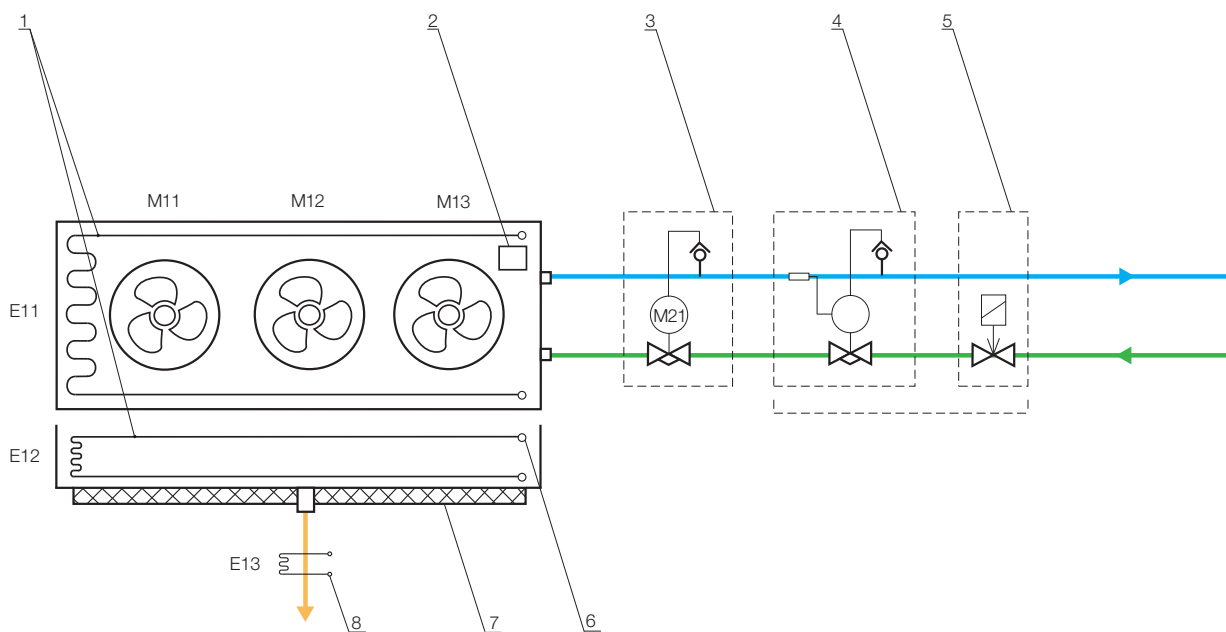
Capacity range



Fan diameter



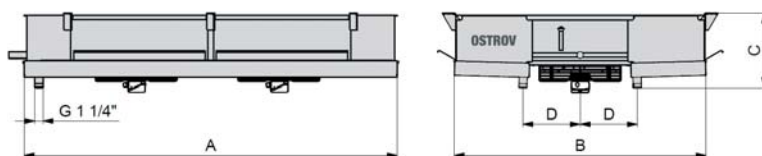
Fin spacing



### Options

- |  |    |                             |    |
|--|----|-----------------------------|----|
| 1 Electric defrost of coil and drip tray | DE | 8 Heater of drain line, 1 m | HA |
| 2 Connection of fans to terminal box     | CF | Heater of drain line, 2 m   | HB |
| 3 Electronic expansion valve             | VE | Heater of drain line, 3 m   | HC |
| 4 Thermostatic expansion valve           | VT | Heater of drain line, 4 m   | HD |
| 5 Solenoid valve                         | VS | Heater of drain line, 6 m   | HF |
| 6 Electric defrost of drip tray          | DC | 9 Epoxy coated fins         | EP |
| 7 Insulated drip tray                    | IS | 10 ElectroFin® E-coat       | EF |

Casing	A	B	C	D
	mm	mm	mm	mm
OH222-135	1060	1275	340	275
OH222-235	1660	1275	340	275
OH222-335	2260	1275	340	275
OH222-435	2860	1275	340	275
OH222-140	1210	1325	390	300
OH222-240	1960	1325	390	300
OH222-340	2710	1325	390	300
OH222-440	3460	1325	390	300
OH222-145	1310	1375	435	325
OH222-245	2160	1375	435	325
OH222-345	3010	1375	435	325
OH222-445	3860	1375	435	325
OH222-150	1460	1425	485	350
OH222-250	2460	1425	485	350
OH222-350	3460	1425	485	350



Complete technical data for each unit cooler are presented in data sheets



# Technical data OH222

Fin spacing 4.0 mm

Power supply ~3-400V-50Hz

Models	Number of fans	Capacity (SC2) <sup>(1)</sup>	Air flow	Air throw	Heat exchange surface	Internal volume	Fan data				Sound pressure level (3m) <sup>(2)</sup>	Electric defrost		Connections		Weight
							Power supply	Fan speed	Power consumption	Rated current		Two coils	Two drip trays	Inlet	Outlet	
							Ph-V-Hz	rpm	W	A		W	W	mm	mm	
∅ 350 mm																
OH222-135S3A-C40	1	3.8	2500	2x8	20.3	2.2	3-400-50	1390 (D)	190	0.4	50	896	896	12	22	38
OH222-135S3A-E40	1	4.6	2200	2x7	30.4	3.2	3-400-50	1390 (D)	190	0.4	50	1792	896	16	22	42
OH222-235S3A-C40	2	7.7	5000	2x10	40.5	4.2	3-400-50	1390 (D)	380	0.8	52	1664	1664	16	28	65
OH222-235S3A-E40	2	9.3	4300	2x9	60.8	6.4	3-400-50	1390 (D)	380	0.8	52	3328	1664	16	28	71
OH222-335S3A-C40	3	11.2	7500	2x11	60.8	6.4	3-400-50	1390 (D)	570	1.3	54	2432	2432	16	28	91
OH222-335S3A-E40	3	14.4	6500	2x10	91.2	9.4	3-400-50	1390 (D)	570	1.3	54	4864	2432	22	35	102
OH222-435S3A-C40	4	15.5	9900	2x13	81.0	8.4	3-400-50	1390 (D)	760	1.6	55	3200	3200	22	35	116
OH222-435S3A-E40	4	18.8	8600	2x12	121.6	12.4	3-400-50	1390 (D)	760	1.6	55	6400	3200	22	35	130
∅ 400 mm																
OH222-140S3A-E40	1	7.0	3100	2x9	47.5	5.0	3-400-50	1360 (D)	230	0.5	44	2176	1088	16	28	55
OH222-140S3A-G40	1	7.8	2900	2x8	63.3	6.6	3-400-50	1360 (D)	230	0.5	44	3264	1088	16	28	60
OH222-240S3A-E40	2	13.9	6100	2x11	95.0	9.8	3-400-50	1360 (D)	460	1.0	47	4096	2048	16	35	94
OH222-240S3A-G40	2	15.7	5700	2x10	126.6	13.0	3-400-50	1360 (D)	460	1.0	47	6144	2048	22	35	105
OH222-340S3A-E40	3	21.2	9200	2x12	142.4	14.6	3-400-50	1360 (D)	690	1.4	49	6016	3008	28	42	134
OH222-340S3A-G40	3	22.9	8500	2x11	189.9	19.4	3-400-50	1360 (D)	690	1.4	49	9024	3008	28	42	149
OH222-440S3A-E40	4	26.8	12 200	2x13	189.9	19.4	3-400-50	1360 (D)	920	1.9	50	7936	3968	28	42	174
OH222-440S3A-G40	4	32.1	11 300	2x12	253.2	26.0	3-400-50	1360 (D)	920	1.9	50	11904	3968	35	54	196
∅ 450 mm																
OH222-145S3A-E40	1	10.3	5300	2x12	64.6	6.6	3-400-50	1350 (D)	540	1.1	50	3648	1216	16	28	67
OH222-145S3A-G40	1	12.1	4800	2x11	86.1	8.8	3-400-50	1350 (D)	540	1.1	50	4864	1216	16	28	75
OH222-245S3A-E40	2	21.9	10 500	2x14	129.2	13.2	3-400-50	1350 (D)	1080	2.2	53	6912	2304	28	35	120
OH222-245S3A-G40	2	24.5	9500	2x13	172.2	17.6	3-400-50	1350 (D)	1080	2.2	53	9216	2304	28	42	134
OH222-345S3A-E40	3	33.0	15 700	2x15	193.7	19.8	3-400-50	1350 (D)	1620	3.3	54	10368	3456	35	42	172
OH222-345S3A-G40	3	37.3	14 300	2x14	258.3	26.4	3-400-50	1350 (D)	1620	3.3	54	13824	3456	35	54	194
OH222-445S3A-E40	4	43.4	20 900	2x17	258.3	26.4	3-400-50	1350 (D)	2160	4.4	55	13440	4480	35	54	223
OH222-445S3A-G40	4	49.3	19 000	2x16	344.4	35.2	3-400-50	1350 (D)	2160	4.4	55	17920	4480	35	54	252
∅ 500 mm																
OH222-150S3A-C40	1	11.1	7800	2x15	59.1	6.2	3-400-50	1340 (D)	840	1.5	53	4224	1408	16	28	72
OH222-150S3A-E40	1	14.2	7200	2x14	88.6	9.2	3-400-50	1340 (D)	840	1.5	53	5632	1408	35	42	84
OH222-150S3A-G40	1	17.0	6700	2x13	118.2	12.2	3-400-50	1340 (D)	840	1.5	53	7040	1408	35	42	93
OH222-250S3A-C40	2	23.1	15 700	2x18	118.2	12.2	3-400-50	1340 (D)	1680	2.9	56	8064	2688	35	42	129
OH222-250S3A-E40	2	30.0	14 400	2x17	177.3	18.2	3-400-50	1340 (D)	1680	2.9	56	10752	2688	35	54	149
OH222-250S3A-G40	2	33.1	13 300	2x16	236.4	24.2	3-400-50	1340 (D)	1680	2.9	56	13440	2688	35	54	168
OH222-350S3A-E40	3	41.6	21 500	2x18	265.9	27.2	3-400-50	1340 (D)	2520	4.4	57	15872	3968	35	54	212
OH222-350S3A-G40	3	51.6	19 900	2x17	354.5	36.2	3-400-50	1340 (D)	2520	4.4	57	19840	3968	35	54	243

(1) Nominal capacities for R404A according to EN 328.

(2) Sound pressure according to EN13487.

Fin spacing 5.5 mm

Power supply ~3-400V-50Hz

Models	Number of fans	Capacity (SC2) <sup>(1)</sup>	Air flow	Air throw	Heat exchange surface	Internal volume	Fan data				Sound pressure level (3m) <sup>(2)</sup>	Electric defrost		Connections		Weight
							Power supply	Fan speed	Power consumption	Rated current		Two coils	Two drip trays	Inlet	Outlet	
∅ 350 mm																
OH222-135S3A-C55	1	3.5	2600	2x8	14.9	2.2	3-400-50	1390 (D)	190	0.4	50	896	896	12	22	38
OH222-135S3A-E55	1	4.4	2300	2x7	22.4	3.2	3-400-50	1390 (D)	190	0.4	50	1792	896	16	22	41
OH222-235S3A-C55	2	7.1	5200	2x10	29.9	4.2	3-400-50	1390 (D)	380	0.8	52	1664	1664	16	28	63
OH222-235S3A-E55	2	8.9	4600	2x9	44.8	6.4	3-400-50	1390 (D)	380	0.8	52	3328	1664	16	28	68
OH222-335S3A-C55	3	10.4	7800	2x11	44.8	6.4	3-400-50	1390 (D)	570	1.2	54	2432	2432	16	28	88
OH222-335S3A-E55	3	13.5	6900	2x10	67.3	9.4	3-400-50	1390 (D)	570	1.2	54	4864	2432	22	35	97
OH222-435S3A-C55	4	14.2	10 400	2x13	59.8	8.4	3-400-50	1390 (D)	760	1.6	55	3200	3200	22	35	112
OH222-435S3A-E55	4	17.9	9100	2x12	89.7	12.4	3-400-50	1390 (D)	760	1.6	55	6400	3200	22	35	123
∅ 400 mm																
OH222-140S3A-E55	1	6.4	3200	2x9	35.0	5.0	3-400-50	1360 (D)	230	0.5	44	2176	1088	16	28	52
OH222-140S3A-G55	1	7.4	3000	2x8	46.7	6.6	3-400-50	1360 (D)	230	0.5	44	3264	1088	16	28	56
OH222-240S3A-E55	2	13.0	6300	2x11	70.1	9.8	3-400-50	1360 (D)	460	1.0	47	4096	2048	16	35	89
OH222-240S3A-G55	2	15.1	5900	2x10	93.4	13.0	3-400-50	1360 (D)	460	1.0	47	6144	2048	22	35	98
OH222-340S3A-E55	3	19.8	9500	2x12	105.1	14.6	3-400-50	1360 (D)	690	1.4	49	6016	3008	28	42	126
OH222-340S3A-G55	3	22.1	8900	2x11	140.1	19.4	3-400-50	1360 (D)	690	1.4	49	9024	3008	28	42	139
OH222-440S3A-E55	4	25.3	12 600	2x13	140.1	19.4	3-400-50	1360 (D)	920	1.9	50	7936	3968	28	42	164
OH222-440S3A-G55	4	30.6	11 800	2x12	186.8	26.0	3-400-50	1360 (D)	920	1.9	50	11904	3968	35	54	183
∅ 450 mm																
OH222-145S3A-E55	1	9.8	5500	2x12	47.6	6.6	3-400-50	1350 (D)	540	1.1	50	3648	1216	16	28	64
OH222-145S3A-G55	1	11.6	5100	2x11	63.5	8.8	3-400-50	1350 (D)	540	1.1	50	4864	1216	16	28	70
OH222-245S3A-E55	2	20.4	11 000	2x14	95.3	13.2	3-400-50	1350 (D)	1080	2.2	53	6912	2304	28	35	113
OH222-245S3A-G55	2	23.5	10 100	2x13	127.0	17.6	3-400-50	1350 (D)	1080	2.2	53	9216	2304	28	42	125
OH222-345S3A-E55	3	30.7	16 400	2x15	142.9	19.8	3-400-50	1350 (D)	1620	3.3	54	10368	3456	35	42	161
OH222-345S3A-G55	3	35.4	15 100	2x14	190.6	26.4	3-400-50	1350 (D)	1620	3.3	54	13824	3456	35	54	180
OH222-445S3A-E55	4	40.7	21 900	2x17	190.6	26.4	3-400-50	1350 (D)	2160	4.4	55	13440	4480	35	54	209
OH222-445S3A-G55	4	47.2	20 100	2x16	254.1	35.2	3-400-50	1350 (D)	2160	4.4	55	17920	4480	35	54	233
∅ 500 mm																
OH222-150S3A-C55	1	10.3	8100	2x15	43.6	6.2	3-400-50	1340 (D)	840	1.5	53	4224	1408	16	28	69
OH222-150S3A-E55	1	12.7	7500	2x14	65.4	9.2	3-400-50	1340 (D)	840	1.5	53	5632	1408	35	42	79
OH222-150S3A-G55	1	15.9	7000	2x13	87.2	12.2	3-400-50	1340 (D)	840	1.5	53	7040	1408	35	42	87
OH222-250S3A-C55	2	20.8	16 100	2x18	87.2	12.2	3-400-50	1340 (D)	1680	2.9	56	8064	2688	35	42	122
OH222-250S3A-E55	2	27.9	14 900	2x17	130.8	18.2	3-400-50	1340 (D)	1680	2.9	56	10752	2688	35	54	139
OH222-250S3A-G55	2	31.7	13 900	2x16	174.4	24.2	3-400-50	1340 (D)	1680	2.9	56	13440	2688	35	54	155
OH222-350S3A-E55	3	39.4	22 300	2x18	196.2	27.2	3-400-50	1340 (D)	2520	4.4	57	15872	3968	35	54	198
OH222-350S3A-G55	3	48.9	20 800	2x17	261.6	36.2	3-400-50	1340 (D)	2520	4.4	57	19840	3968	35	54	223

(1) Nominal capacities for R404A according to EN 328.  
 (2) Sound pressure according to EN13487.

# Technical data OH222

Fin spacing 7.0 mm

Power supply ~3-400V-50Hz

	Models	Number of fans	Capacity (SC2) <sup>(1)</sup>	Air flow	Air throw	Heat exchange surface	Internal volume	Fan data				Sound pressure level (3m) <sup>(2)</sup>	Electric defrost		Connections		Weight
								Power supply	Fan speed	Power consumption	Rated current		Two coils	Two drip trays	Inlet	Outlet	
Ø 350 mm	OH222-135S3A-C70	1	3.1	2700	2x8	11.9	2.2	3-400-50	1390 (D)	190	0.4	50	896	896	12	22	38
	OH222-135S3A-E70	1	4.0	2400	2x7	17.9	3.2	3-400-50	1390 (D)	190	0.4	50	1792	896	16	22	41
	OH222-235S3A-C70	2	6.2	5400	2x10	23.8	4.2	3-400-50	1390 (D)	380	0.8	52	1664	1664	16	28	63
	OH222-235S3A-E70	2	8.1	4800	2x9	35.7	6.4	3-400-50	1390 (D)	380	0.8	52	3328	1664	16	28	69
	OH222-335S3A-C70	3	9.3	8100	2x11	35.7	6.4	3-400-50	1390 (D)	570	1.3	54	2432	2432	16	28	88
	OH222-335S3A-E70	3	12.2	7200	2x10	53.6	9.4	3-400-50	1390 (D)	570	1.3	54	4864	2432	22	35	97
	OH222-435S3A-C70	4	12.4	10 800	2x13	47.6	8.4	3-400-50	1390 (D)	760	1.6	55	3200	3200	22	35	113
	OH222-435S3A-E70	4	16.3	9600	2x12	71.5	12.4	3-400-50	1390 (D)	760	1.6	55	6400	3200	22	35	124
Ø 400 mm	OH222-140S3A-E70	1	5.5	3300	2x9	27.9	5.0	3-400-50	1360 (D)	230	0.5	44	2176	1088	16	28	52
	OH222-140S3A-G70	1	6.9	3100	2x8	37.2	6.6	3-400-50	1360 (D)	230	0.5	44	3264	1088	16	28	57
	OH222-240S3A-E70	2	11.8	6500	2x11	55.8	9.8	3-400-50	1360 (D)	460	1.0	47	4096	2048	16	35	89
	OH222-240S3A-G70	2	13.9	6100	2x10	74.4	13.0	3-400-50	1360 (D)	460	1.0	47	6144	2048	22	35	99
	OH222-340S3A-E70	3	17.8	9700	2x12	83.8	14.6	3-400-50	1360 (D)	690	1.4	49	6016	3008	28	42	127
	OH222-340S3A-G70	3	20.5	9200	2x11	111.7	19.4	3-400-50	1360 (D)	690	1.4	49	9024	3008	28	42	140
	OH222-440S3A-E70	4	23.1	12 900	2x13	111.7	19.4	3-400-50	1360 (D)	920	1.9	50	7936	3968	28	42	165
	OH222-440S3A-G70	4	28.0	12 200	2x12	148.9	26.0	3-400-50	1360 (D)	920	1.9	50	11904	3968	35	54	184
Ø 450 mm	OH222-145S3A-E70	1	8.9	5700	2x12	38.0	6.6	3-400-50	1350 (D)	540	1.1	50	3648	1216	16	28	64
	OH222-145S3A-G70	1	10.7	5300	2x11	50.6	8.8	3-400-50	1350 (D)	540	1.1	50	4864	1216	16	28	70
	OH222-245S3A-E70	2	18.2	11 300	2x14	75.9	13.2	3-400-50	1350 (D)	1080	2.2	53	6912	2304	28	35	114
	OH222-245S3A-G70	2	21.6	10 500	2x13	101.2	17.6	3-400-50	1350 (D)	1080	2.2	53	9216	2304	28	42	126
	OH222-345S3A-E70	3	27.3	17 000	2x15	113.9	19.8	3-400-50	1350 (D)	1620	3.3	54	10368	3456	35	42	163
	OH222-345S3A-G70	3	32.3	15 800	2x14	151.9	26.4	3-400-50	1350 (D)	1620	3.3	54	13824	3456	35	54	182
	OH222-445S3A-E70	4	36.6	22 600	2x17	151.9	26.4	3-400-50	1350 (D)	2160	4.4	55	13440	4480	35	54	211
	OH222-445S3A-G70	4	43.4	21 000	2x16	202.5	35.2	3-400-50	1350 (D)	2160	4.4	55	17920	4480	35	54	235
Ø 500 mm	OH222-150S3A-C70	1	9.1	8200	2x15	34.7	6.2	3-400-50	1340 (D)	840	1.5	53	4224	1408	16	28	69
	OH222-150S3A-E70	1	10.8	7700	2x14	52.1	9.2	3-400-50	1340 (D)	840	1.5	53	5632	1408	35	42	79
	OH222-150S3A-G70	1	14.2	7200	2x13	69.5	12.2	3-400-50	1340 (D)	840	1.5	53	7040	1408	35	42	88
	OH222-250S3A-C70	2	18.0	16 400	2x18	69.5	12.2	3-400-50	1340 (D)	1680	2.9	56	8064	2688	35	42	123
	OH222-250S3A-E70	2	24.9	15 300	2x17	104.2	18.2	3-400-50	1340 (D)	1680	2.9	56	10752	2688	35	54	140
	OH222-250S3A-G70	2	29.2	14 400	2x16	139.0	24.2	3-400-50	1340 (D)	1680	2.9	56	13440	2688	35	54	157
	OH222-350S3A-E70	3	35.9	22 900	2x18	156.3	27.2	3-400-50	1340 (D)	2520	4.4	57	15872	3968	35	54	199
	OH222-350S3A-G70	3	44.6	21 600	2x17	208.4	36.2	3-400-50	1340 (D)	2520	4.4	57	19840	3968	35	54	226

(1) Nominal capacities for R404A according to EN 328.

(2) Sound pressure according to EN13487.

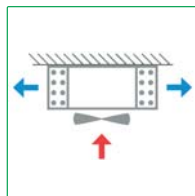
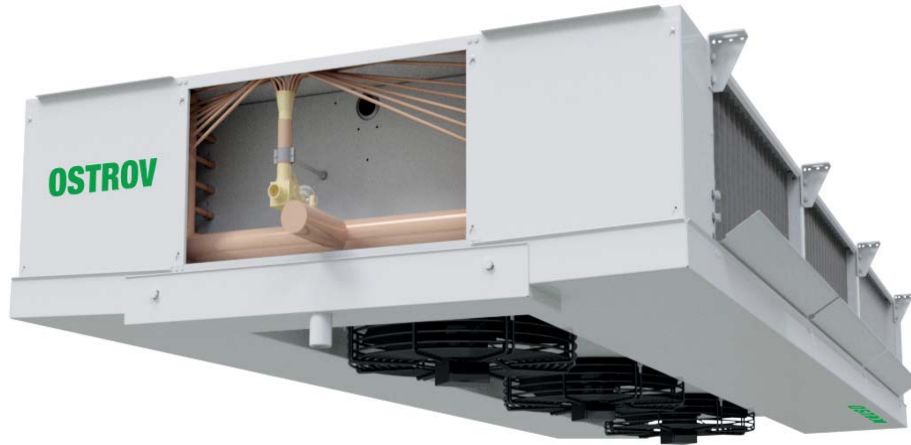
Fin spacing 10.0 mm

Power supply ~3-400V-50Hz

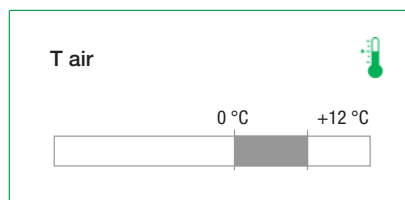
	Models	Number of fans	Capacity (SC2) <sup>(1)</sup>	Air flow	Air throw	Heat exchange surface	Internal volume	Fan data				Sound pressure level (3m) <sup>(2)</sup>	Electric defrost		Connections		Weight
								Power supply	Fan speed	Power consumption	Rated current		Two coils	Two drip trays	Inlet	Outlet	
								Ph-V-Hz	rpm	W	A		W	W	mm	mm	
Ø 350 mm	OH222-135S3A-C100	1	2.7	2900	2x9	8.6	2.2	3-400-50	1390 (D)	190	0.4	50	896	896	12	22	38
	OH222-135S3A-E100	1	3.6	2600	2x8	12.9	3.2	3-400-50	1390 (D)	190	0.4	50	1792	896	16	22	40
	OH222-235S3A-C100	2	5.4	5700	2x11	17.1	4.2	3-400-50	1390 (D)	380	0.8	52	1664	1664	16	28	62
	OH222-235S3A-E100	2	7.2	5100	2x10	25.7	6.4	3-400-50	1390 (D)	380	0.8	52	3328	1664	16	28	67
	OH222-335S3A-C100	3	8.2	8500	2x12	25.7	6.4	3-400-50	1390 (D)	570	1.3	54	2432	2432	16	28	87
	OH222-335S3A-E100	3	10.8	7600	2x11	38.6	9.4	3-400-50	1390 (D)	570	1.3	54	4864	2432	22	35	96
	OH222-435S3A-C100	4	10.7	11 300	2x14	34.3	8.4	3-400-50	1390 (D)	760	1.6	55	3200	3200	22	35	111
	OH222-435S3A-E100	4	14.6	10 100	2x13	51.4	12.4	3-400-50	1390 (D)	760	1.6	55	6400	3200	22	35	122
Ø 400 mm	OH222-140S3A-E100	1	4.7	3400	2x10	20.1	5.0	3-400-50	1360 (D)	230	0.5	44	2176	1088	16	28	51
	OH222-140S3A-G100	1	6.2	3200	2x9	26.8	6.6	3-400-50	1360 (D)	230	0.5	44	3264	1088	16	28	56
	OH222-240S3A-E100	2	10.4	6700	2x12	40.2	9.8	3-400-50	1360 (D)	460	1.0	47	4096	2048	16	35	88
	OH222-240S3A-G100	2	12.5	6400	2x11	53.6	13.0	3-400-50	1360 (D)	460	1.0	47	6144	2048	22	35	96
	OH222-340S3A-E100	3	15.7	10 000	2x13	60.3	14.6	3-400-50	1360 (D)	690	1.4	49	6016	3008	28	42	124
	OH222-340S3A-G100	3	18.6	9500	2x12	80.4	19.4	3-400-50	1360 (D)	690	1.4	49	9024	3008	28	42	137
	OH222-440S3A-E100	4	20.6	13 300	2x14	80.4	19.4	3-400-50	1360 (D)	920	1.9	50	7936	3968	28	42	162
	OH222-440S3A-G100	4	25.0	12 700	2x13	107.1	26.0	3-400-50	1360 (D)	920	1.9	50	11904	3968	35	54	180
Ø 450 mm	OH222-145S3A-E100	1	7.9	5900	2x13	27.3	6.6	3-400-50	1350 (D)	540	1.1	50	3648	1216	16	28	63
	OH222-145S3A-G100	1	9.7	5600	2x12	36.4	8.8	3-400-50	1350 (D)	540	1.1	50	4864	1216	16	28	69
	OH222-245S3A-E100	2	15.9	11 800	2x15	54.6	13.2	3-400-50	1350 (D)	1080	2.2	53	6912	2304	28	35	111
	OH222-245S3A-G100	2	19.5	11 100	2x14	72.9	17.6	3-400-50	1350 (D)	1080	2.2	53	9216	2304	28	42	123
	OH222-345S3A-E100	3	23.9	17 600	2x16	82.0	19.8	3-400-50	1350 (D)	1620	3.3	54	10368	3456	35	42	159
	OH222-345S3A-G100	3	28.9	16 600	2x15	109.3	26.4	3-400-50	1350 (D)	1620	3.3	54	13824	3456	35	54	177
	OH222-445S3A-E100	4	32.3	23 400	2x18	109.3	26.4	3-400-50	1350 (D)	2160	4.4	55	13440	4480	35	54	206
	OH222-445S3A-G100	4	39.1	22 100	2x17	145.7	35.2	3-400-50	1350 (D)	2160	4.4	55	17920	4480	35	54	229
Ø 500 mm	OH222-150S3A-C100	1	7.9	8400	2x16	25.0	6.2	3-400-50	1340 (D)	840	1.5	53	4224	1408	16	28	68
	OH222-150S3A-E100	1	9.0	8000	2x15	37.5	9.2	3-400-50	1340 (D)	840	1.5	53	5632	1408	35	42	78
	OH222-150S3A-G100	1	12.3	7500	2x14	50.0	12.2	3-400-50	1340 (D)	840	1.5	53	7040	1408	35	42	86
	OH222-250S3A-C100	2	15.4	16 800	2x19	50.0	12.2	3-400-50	1340 (D)	1680	2.9	56	8064	2688	35	42	121
	OH222-250S3A-E100	2	21.9	15 800	2x18	75.0	18.2	3-400-50	1340 (D)	1680	2.9	56	10752	2688	35	54	137
	OH222-250S3A-G100	2	26.4	15 000	2x17	100.0	24.2	3-400-50	1340 (D)	1680	2.9	56	13440	2688	35	54	152
	OH222-350S3A-E100	3	32.2	23 700	2x19	112.5	27.2	3-400-50	1340 (D)	2520	4.4	57	15872	3968	35	54	194
	OH222-350S3A-G100	3	39.8	22 400	2x18	150.0	36.2	3-400-50	1340 (D)	2520	4.4	57	19840	3968	35	54	219

(1) Nominal capacities for R404A according to EN 328.  
 (2) Sound pressure according to EN13487.

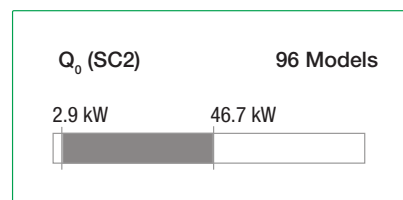
# Unit coolers OH221 AGRO



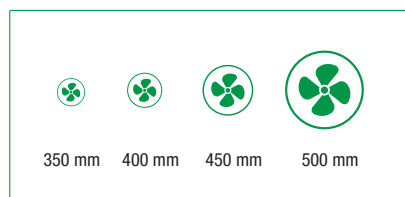
Food & beverage distribution centers  
Optimal technical solution



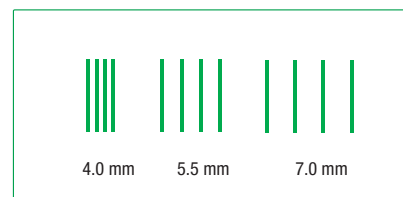
Temperature range



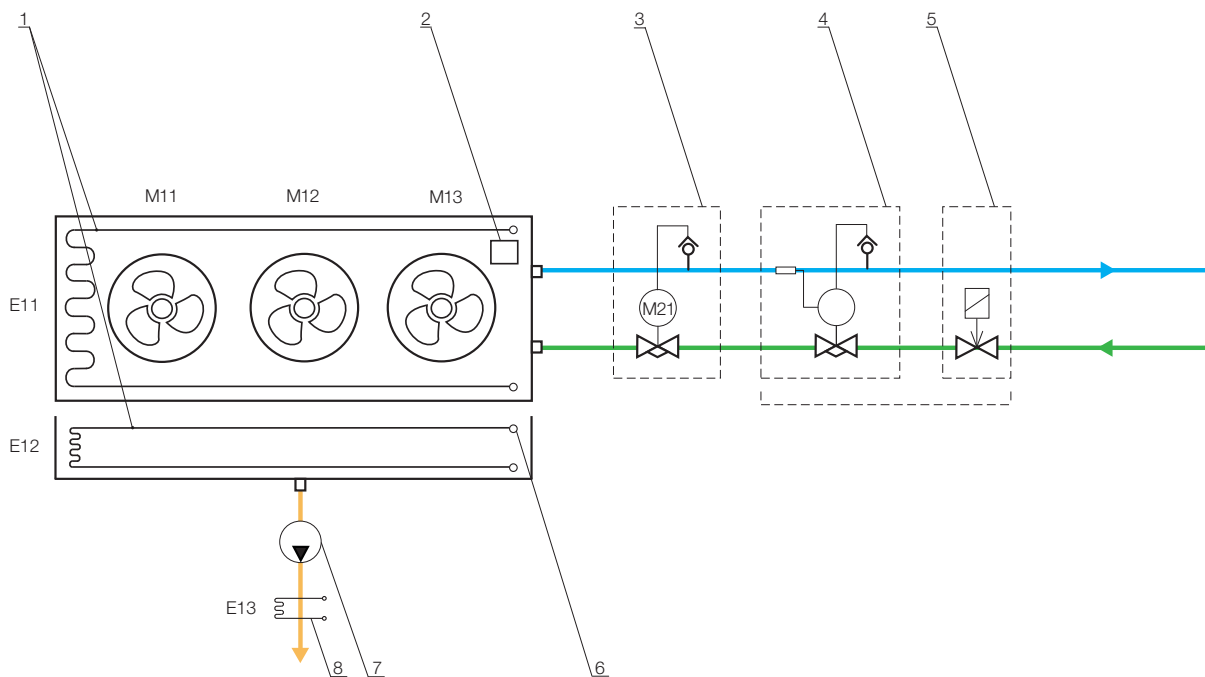
Capacity range



Fan diameter



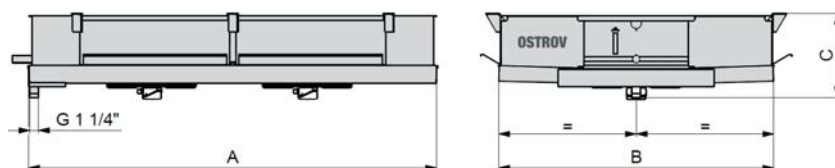
Fin spacing



### Options

- |  |    |                             |    |
|--|----|-----------------------------|----|
| 1 Electric defrost of coil and drip tray | DE | 8 Heater of drain line, 1 m | HA |
| 2 Connection of fans to terminal box     | CF | Heater of drain line, 2 m   | HB |
| 3 Electronic expansion valve             | VE | Heater of drain line, 3 m   | HC |
| 4 Thermostatic expansion valve           | VT | Heater of drain line, 4 m   | HD |
| 5 Solenoid valve                         | VS | Heater of drain line, 6 m   | HF |
| 6 Electric defrost of drip tray          | DC | 9 Epoxy coated fins         | EP |
| 7 Drain pump                             | PD | 10 ElectroFin® E-coat       | EF |

Casing	A	B	C
	mm	mm	mm
OH221-135	1115	1120	365
OH221-235	1715	1120	365
OH221-335	2315	1120	365
OH221-435	2915	1120	365
OH221-140	1165	1325	410
OH221-240	1865	1325	410
OH221-340	2565	1325	410
OH221-440	3265	1325	410
OH221-145	1265	1375	450
OH221-245	2065	1375	450
OH221-345	2865	1375	450
OH221-445	3665	1375	450
OH221-150	1465	1425	505
OH221-250	2465	1425	505
OH221-350	3465	1425	505



Complete technical data for each unit cooler are presented in data sheets

# Technical data OH221 AGRO

Fin spacing 4.0 mm

Power supply ~1-230V-50Hz

	Models	Number of fans	Capacity (SC2) <sup>(1)</sup>	Air flow	Air throw	Heat exchange surface	Internal volume	Fan data			Sound pressure level (3m) <sup>(2)</sup>	Electric defrost		Connections		Weight
			kW	m <sup>3</sup> /h	m	m <sup>2</sup>	dm <sup>3</sup>	Fan speed	Power consumption	Rated current		Two coils	Two drip trays	Inlet	Outlet	
								rpm	W	A		W	W	mm	mm	
Ø 350 mm	OH221-135S1A-C40	1	3.7	2300	2 x 7	20.3	2.2	1290	174	0.8	50	896	896	12	22	39
	OH221-135S1A-E40	1	4.5	2000	2 x 6	30.4	3.2	1290	174	0.8	50	1792	896	16	22	42
	OH221-235S1A-C40	2	7.4	4600	2 x 9	40.5	4.2	1290	348	1.6	53	1664	1664	16	28	62
	OH221-235S1A-E40	2	9.0	4000	2 x 8	60.8	6.4	1290	348	1.6	53	3328	1664	16	28	68
	OH221-335S1A-C40	3	10.8	6800	2 x 10	60.8	6.4	1290	522	2.3	55	2432	2432	16	28	85
	OH221-335S1A-E40	3	13.8	6000	2 x 9	91.2	9.4	1290	522	2.3	55	4864	2432	22	35	95
	OH221-435S1A-C40	4	14.9	9100	2 x 12	81.0	8.4	1290	696	3.1	56	3200	3200	22	35	108
OH221-435S1A-E40	4	18.1	8000	2 x 11	121.6	12.4	1290	696	3.1	56	6400	3200	22	35	121	
Ø 400 mm	OH221-140S1A-E40	1	6.6	3000	2 x 8	44.3	4.6	1380	219	1.0	51	2176	1088	16	28	55
	OH221-140S1A-G40	1	7.3	2700	2 x 7	59.1	6.2	1380	219	1.0	51	3264	1088	16	28	60
	OH221-240S1A-E40	2	13.2	5900	2 x 10	88.6	9.2	1380	438	2.0	54	3840	1920	16	35	89
	OH221-240S1A-G40	2	14.7	5300	2 x 9	118.2	12.2	1380	438	2.0	54	5760	1920	22	35	99
	OH221-340S1A-E40	3	20.2	8800	2 x 11	133.0	13.6	1380	657	3.0	56	5632	2816	28	42	124
	OH221-340S1A-G40	3	20.3	7900	2 x 10	177.3	18.2	1380	657	3.0	56	8448	2816	28	42	139
	OH221-440S1A-E40	4	25.8	11 700	2 x 12	177.3	18.2	1380	876	3.9	57	7424	3712	28	42	160
OH221-440S1A-G40	4	26.5	10 500	2 x 11	236.4	24.2	1380	876	3.9	57	11 136	3712	28	54	179	
Ø 450 mm	OH221-145S1A-C40	1	7.4	4700	2 x 11	40.5	4.2	1345	303	1.4	53	1216	1216	16	28	57
	OH221-145S1A-E40	1	9.4	4200	2 x 10	60.8	6.4	1345	303	1.4	53	2432	1216	16	28	64
	OH221-245S1A-C40	2	14.8	9300	2 x 13	81.0	8.4	1345	606	2.7	56	2176	2176	16	35	95
	OH221-245S1A-E40	2	19.0	8400	2 x 12	121.6	12.4	1345	606	2.7	56	4352	2176	28	42	109
	OH221-345S1A-C40	3	21.9	13 900	2 x 14	121.6	12.4	1345	909	4.1	57	3200	3200	22	42	134
	OH221-345S1A-E40	3	28.0	12 600	2 x 13	182.3	18.6	1345	909	4.1	57	6400	3200	28	54	154
	OH221-445S1A-C40	4	29.8	18 500	2 x 16	162.1	16.6	1345	1212	5.4	58	4224	4224	28	54	169
OH221-445S1A-E40	4	34.8	16 800	2 x 15	243.1	24.8	1345	1212	5.4	58	8448	4224	28	54	195	
Ø 500 mm	OH221-150S1A-C40	1	10.4	6500	2 x 14	59.1	6.2	1300	530	2.4	54	2816	1408	16	28	72
	OH221-150S1A-E40	1	12.8	6100	2 x 13	88.6	9.2	1300	530	2.4	54	4224	1408	35	42	84
	OH221-150S1A-G40	1	15.4	5600	2 x 12	118.2	12.2	1300	530	2.4	54	5632	1408	35	42	94
	OH221-250S1A-C40	2	21.3	13 000	2 x 16	118.2	12.2	1300	1060	4.7	57	5376	2688	35	42	124
	OH221-250S1A-E40	2	27.4	12 100	2 x 16	177.3	18.2	1300	1060	4.7	57	8064	2688	35	54	143
	OH221-250S1A-G40	2	30.2	11 200	2 x 15	236.4	24.2	1300	1060	4.7	57	10 752	2688	35	54	163
	OH221-350S1A-E40	3	38.6	18 100	2 x 17	265.9	27.2	1300	1590	7.0	58	11 904	3968	35	54	204
	OH221-350S1A-G40	3	46.7	16 800	2 x 16	354.5	36.2	1300	1590	7.0	58	15 872	3968	35	54	235

(1) Nominal capacities for R404A according to EN 328.  
 (2) Sound pressure according to EN13487.



Fin spacing 5.5 mm

Power supply ~1-230V-50Hz

	Models	Number of fans	Capacity (SC2) <sup>(1)</sup>	Air flow	Air throw	Heat exchange surface	Internal volume	Fan data			Sound pressure level (3m) <sup>(2)</sup>	Electric defrost		Connections		Weight
								Fan speed	Power consumption	Rated current		Two coils	Two drip trays	Inlet	Outlet	
Ø 360 mm	OH221-135S1A-C55	1	3.4	2400	2 x 7	14.9	2.2	1290	174	0.8	50	896	896	12	22	38
	OH221-135S1A-E55	1	4.1	2100	2 x 6	22.4	3.2	1290	174	0.8	50	2480	896	16	22	41
	OH221-235S1A-C55	2	6.8	4800	2 x 9	29.9	4.2	1290	348	1.6	53	1664	1664	16	28	59
	OH221-235S1A-E55	2	8.5	4200	2 x 8	44.8	6.4	1290	348	1.6	53	3328	1664	16	28	65
	OH221-335S1A-C55	3	10.0	7100	2 x 10	44.8	6.4	1290	522	2.3	55	2432	2432	16	28	81
	OH221-335S1A-E55	3	13.0	6300	2 x 9	67.3	9.4	1290	522	2.3	55	4864	2432	22	35	90
	OH221-435S1A-C55	4	13.6	9500	2 x 12	59.8	8.4	1290	696	3.1	56	3200	3200	22	35	103
	OH221-435S1A-E55	4	17.2	8400	2 x 11	89.7	12.4	1290	696	3.1	56	6400	3200	22	35	114
Ø 400 mm	OH221-140S1A-E55	1	6.0	3100	2 x 8	32.7	4.6	1380	219	1.0	51	2176	1088	16	28	53
	OH221-140S1A-G55	1	7.0	2800	2 x 7	43.6	6.2	1380	219	1.0	51	3264	1088	16	28	56
	OH221-240S1A-E55	2	12.5	6200	2 x 10	65.4	9.2	1380	438	2.0	54	3840	1920	16	35	84
	OH221-240S1A-G55	2	14.2	5600	2 x 9	87.2	12.2	1380	438	2.0	54	5760	1920	22	35	93
	OH221-340S1A-E55	3	19.0	9300	2 x 11	98.1	13.6	1380	657	3.0	56	5632	2816	28	42	117
	OH221-340S1A-G55	3	19.8	8400	2 x 10	130.8	18.2	1380	657	3.0	56	8448	2816	28	42	129
	OH221-440S1A-E55	4	24.5	12 300	2 x 12	130.8	18.2	1380	876	3.9	57	7424	3712	28	42	150
	OH221-440S1A-G55	4	26.0	11 100	2 x 11	174.4	24.2	1380	876	3.9	57	11 136	3712	28	54	166
Ø 450 mm	OH221-145S1A-C55	1	6.8	4800	2 x 11	29.9	4.2	1345	303	1.4	53	1216	1216	16	28	55
	OH221-145S1A-E55	1	8.8	4400	2 x 10	44.8	6.4	1345	303	1.4	53	2432	1216	16	28	61
	OH221-245S1A-C55	2	13.6	9600	2 x 13	59.8	8.4	1345	606	2.7	56	2176	2176	16	35	91
	OH221-245S1A-E55	2	17.6	8800	2 x 12	89.7	12.4	1345	606	2.7	56	4352	2176	28	42	102
	OH221-345S1A-C55	3	20.2	14 300	2 x 14	89.7	12.4	1345	909	4.1	57	3200	3200	22	42	127
	OH221-345S1A-E55	3	26.3	13 100	2 x 13	134.5	18.6	1345	909	4.1	57	6400	3200	28	54	144
	OH221-445S1A-C55	4	27.4	19 100	2 x 16	119.6	16.6	1345	1212	5.4	58	4224	4224	28	54	160
	OH221-445S1A-E55	4	33.1	17 500	2 x 15	179.4	24.8	1345	1212	5.4	58	8448	4224	28	54	182
Ø 500 mm	OH221-150S1A-C55	1	9.5	6700	2 x 14	43.6	6.2	1300	530	2.4	54	2816	1408	16	28	69
	OH221-150S1A-E55	1	11.4	6300	2 x 13	65.4	9.2	1300	530	2.4	54	4224	1408	35	42	79
	OH221-150S1A-G55	1	14.3	5900	2 x 12	87.2	12.2	1300	530	2.4	54	5632	1408	35	42	87
	OH221-250S1A-C55	2	19.2	13 300	2 x 16	87.2	12.2	1300	1060	4.7	57	5376	2688	35	42	117
	OH221-250S1A-E55	2	25.5	12 500	2 x 16	130.8	18.2	1300	1060	4.7	57	8064	2688	35	54	134
	OH221-250S1A-G55	2	28.9	11 700	2 x 15	174.4	24.2	1300	1060	4.7	57	10 752	2688	35	54	150
	OH221-350S1A-E55	3	36.4	18 700	2 x 17	196.2	27.2	1300	1590	7.0	58	11 904	3968	35	54	190
	OH221-350S1A-G55	3	44.3	17 500	2 x 16	261.6	36.2	1300	1590	7.0	58	15 872	3968	35	54	216



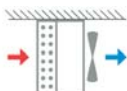
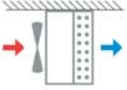
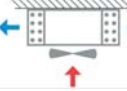
(1) Nominal capacities for R404A according to EN 328.  
 (2) Sound pressure according to EN13487.

Fin spacing 7.0 mm

Power supply ~1-230V-50Hz

Models	Number of fans	Capacity (SC2) <sup>(1)</sup>	Air flow	Air throw	Heat exchange surface	Internal volume	Fan data			Sound pressure level (3m) <sup>(2)</sup>	Electric defrost		Connections		Weight
							Fan speed	Power consumption	Rated current		Two coils	Two drip trays	Inlet	Outlet	
							rpm	W	A		W	W	mm	mm	
Ø 350 mm															
OH221-135S1A-C70	1	2.9	2500	2 x 7	11.9	2.2	1290	174	0.8	50	896	896	12	22	38
OH221-135S1A-E70	1	3.6	2200	2 x 6	17.9	3.2	1290	174	0.8	50	1792	896	16	22	41
OH221-235S1A-C70	2	5.9	4900	2 x 9	23.8	4.2	1290	348	1.6	53	1664	1664	16	28	60
OH221-235S1A-E70	2	7.8	4400	2 x 8	35.7	6.4	1290	348	1.6	53	3328	1664	16	28	65
OH221-335S1A-C70	3	8.9	7400	2 x 10	35.7	6.4	1290	522	2.3	55	2432	2432	16	28	82
OH221-335S1A-E70	3	11.7	6600	2 x 9	53.6	9.4	1290	522	2.3	55	4864	2432	22	35	91
OH221-435S1A-C70	4	11.9	9800	2 x 12	47.6	8.4	1290	696	3.1	56	3200	3200	22	35	104
OH221-435S1A-E70	4	15.6	8800	2 x 11	71.5	12.4	1290	696	3.1	56	6400	3200	22	35	115
Ø 400 mm															
OH221-140S1A-E70	1	5.2	3200	2 x 8	26.1	4.6	1380	219	1.0	51	2176	1088	16	28	53
OH221-140S1A-G70	1	6.5	3000	2 x 7	34.7	6.2	1380	219	1.0	51	3264	1088	16	28	57
OH221-240S1A-E70	2	11.4	6400	2 x 10	52.1	9.2	1380	438	2.0	54	3840	1920	16	35	85
OH221-240S1A-G70	2	13.2	5900	2 x 9	69.5	12.2	1380	438	2.0	54	5760	1920	22	35	94
OH221-340S1A-E70	3	17.1	9600	2 x 11	78.2	13.6	1380	657	3.0	56	5632	2816	28	42	118
OH221-340S1A-G70	3	18.7	8800	2 x 10	104.2	18.2	1380	657	3.0	56	8448	2816	28	42	130
OH221-440S1A-E70	4	22.4	12 800	2 x 12	104.2	18.2	1380	876	3.9	57	7424	3712	28	42	151
OH221-440S1A-G70	4	24.6	11 700	2 x 11	139.0	24.2	1380	876	3.9	57	11 136	3712	28	54	168
Ø 450 mm															
OH221-145S1A-C70	1	5.9	4900	2 x 11	23.8	4.2	1345	303	1.4	53	1216	1216	16	28	55
OH221-145S1A-E70	1	7.8	4600	2 x 10	35.7	6.4	1345	303	1.4	53	2432	1216	16	28	61
OH221-245S1A-C70	2	12.0	9800	2 x 13	47.6	8.4	1345	606	2.7	56	2176	2176	16	35	91
OH221-245S1A-E70	2	15.7	9100	2 x 12	71.5	12.4	1345	606	2.7	56	4352	2176	28	42	103
OH221-345S1A-C70	3	17.9	14 600	2 x 14	71.5	12.4	1345	909	4.1	57	3200	3200	22	42	128
OH221-345S1A-E70	3	23.8	13 600	2 x 13	107.2	18.6	1345	909	4.1	57	6400	3200	28	54	146
OH221-445S1A-C70	4	24.0	19 500	2 x 16	95.3	16.6	1345	1212	5.4	58	4224	4224	28	54	161
OH221-445S1A-E70	4	30.3	18 100	2 x 15	142.9	24.8	1345	1212	5.4	58	8448	4224	28	54	184
Ø 500 mm															
OH221-150S1A-C70	1	8.4	6800	2 x 14	34.7	6.2	1300	530	2.4	54	2816	1408	16	28	70
OH221-150S1A-E70	1	9.8	6400	2 x 13	52.1	9.2	1300	530	2.4	54	4224	1408	35	42	79
OH221-150S1A-G70	1	12.7	6100	2 x 12	69.5	12.2	1300	530	2.4	54	5632	1408	35	42	88
OH221-250S1A-C70	2	16.6	13 600	2 x 16	69.5	12.2	1300	1060	4.7	57	5376	2688	35	42	118
OH221-250S1A-E70	2	22.8	12 800	2 x 16	104.2	18.2	1300	1060	4.7	57	8064	2688	35	54	135
OH221-250S1A-G70	2	26.7	12 100	2 x 15	139.0	24.2	1300	1060	4.7	57	10 752	2688	35	54	151
OH221-350S1A-E70	3	33.2	19 100	2 x 17	156.3	27.2	1300	1590	7.0	58	11 904	3968	35	54	192
OH221-350S1A-G70	3	40.5	18 100	2 x 16	208.4	36.2	1300	1590	7.0	58	15 872	3968	35	54	218

(1) Nominal capacities for R404A according to EN 328.  
 (2) Sound pressure according to EN13487.

<b>1</b>	<b>Application</b>	Medium and low temperature cold rooms Wide model range and options	OH201		
		Long-term and short-term fruit & vegetables storages Special unit coolers design	OH203 AGRO		
		Industrial premises and different cold rooms High performance in a compact design	OH222		
		Food & beverage distribution centers Optimal technical solution	OH221 AGRO		
<b>2</b>	<b>Temperature range</b>	 0...+12°C	OH201 OH203 AGRO OH222 OH221 AGRO		
		 -35...+12°C	OH201 OH222		
<b>3</b>	<b>Housing design</b>		OH201		
			OH203 AGRO		
			OH222 OH221 AGRO		
<b>4</b>	<b>Fin spacing</b>	4.0	OH201 OH222 OH221 AGRO	7.0	OH201 OH203 AGRO OH222 OH221 AGRO
		5.5	OH201 OH222 OH221 AGRO	10.0	OH201 OH222

Model by Software

Table 1. Conditions according to EN 328

Standard conditions	Inlet air temperature	Evaporating temperature	Temperature difference DT1 <sup>(1)</sup>	Relative humidity	Wet conditions factor
	°C	°C	K	%	
SC1	+10	0	10	85	1.35
SC2	0	-8	8	85	1.15
SC3	-18	-25	7	95	1.05

Table 2.  $k_1$  - correction factor depending on inlet air temperature and temperature difference DT1

DT1, K	Inlet air temperature, °C															
	-35	-30	-27	-25	-20	-15	-10	-5	0	1	2	3	4	5	10	12
10	1.087	1.087	1.087	1.099	1.129	1.159	1.190	1.220	1.250	1.293	1.337	1.380	1.424	1.467	1.467	1.467
9	0.978	0.978	0.978	0.989	1.016	1.043	1.071	1.098	1.125	1.164	1.203	1.243	1.282	1.321	1.321	1.321
8	0.870	0.870	0.870	0.879	0.903	0.928	0.952	0.976	1.000	1.035	1.070	1.104	1.139	1.174	1.174	1.174
7	0.761	0.761	0.761	0.769	0.790	0.812	0.833	0.854	0.875	0.905	0.936	0.966	0.997	1.027	1.027	1.027
6	0.652	0.652	0.652	0.659	0.678	0.696	0.714	0.732	0.750	0.776	0.802	0.828	0.854	0.880	0.880	0.880
5	0.543	0.543	0.543	0.550	0.565	0.580	0.595	0.610	0.625	0.647	0.669	0.690	0.712	0.734	0.734	0.734
4	0.435	0.435	0.435	0.440	0.452	0.464	0.476	0.488	0.500	0.517	0.535	0.552	0.570	0.587	0.587	0.587

Table 3.  $k_2$  - correction factor depending on refrigerant used and inlet air temperature

Refrigerant	Inlet air temperature, °C															
	-35	-30	-27	-25	-20	-15	-10	-5	0	1	2	3	4	5	10	12
R507A	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
R404A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
R134a	—	—	—	—	—	0.86	0.88	0.89	0.91	0.91	0.91	0.92	0.92	0.92	0.93	0.93

### Example 1. Calculation of selected unit cooler's capacity under conditions different from SC2

Selected unit cooler model **OH201-350S1A-G40**  
 Inlet air temperature +12°C  
 Temperature difference DT1 = 10 K  
 Refrigerant R134a

$$Q_o = Q_o^{SC2} * k_1 * k_2 = 42.1 * 1.467 * 0.93 = 57.4 \text{ kW}$$

### Example 2. Selection of unit cooler based on required cooling capacity

Required cooling capacity  $Q_o = 16 \text{ kW}$   
 Fin spacing 7 mm  
 Inlet air temperature -20°C  
 Temperature difference DT1 = 7 K  
 Refrigerant R507A

$$Q_o^{SC2} = \frac{Q_o}{k_1 * k_2} = \frac{16}{0.790 * 0.97} = 20.9 \text{ kW} \Rightarrow \begin{cases} \text{OH201-440S1A-E70} & 23.0 \text{ kW} \\ \text{OH201-250S1A-E70} & 22.0 \text{ kW} \end{cases}$$

Select **OH201-250S1A-E70** and calculate capacity for required conditions:

$$Q_o = Q_o^{SC2} * k_1 * k_2 = 22.0 * 0.790 * 0.97 = 16.9 \text{ kW}$$

(1) Difference between inlet air temperature and evaporating temperature.

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### Data sheets

Complete technical information on each unit.



### P&I Diagrams

Piping and instrumentation diagrams.



### Drawings

General view drawings. PDF & DWG format.



### 3D Models

3D models. DWG format. 1:1 scale.



### Electrical diagrams

Wiring diagrams.



### Price list

Up-to-date price list. Prices in euro without VAT.



### Operating instructions

Detailed instructions on installation, operation and maintenance.



### Packaging

Dimensions and weight of products with packaging.



### Selection guide

Easy way to select units. Useful application information.



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