

**NOVVES**

Smoke Control Systems  
Comfort Ventilation

**2021 Catalogue**

[www.novves.com](http://www.novves.com)



## Welcome to NOVVES GROUP.

NOVVES has been serving in the field of smoke evacuation and comfort ventilation in production, R&D, sales, marketing, project design, engineering, testing and commissioning.

Novves produces turnkey smoke evacuation and comfort ventilation solutions for projects, including automation systems.

NOVVES GROUP, continues to complete many successful projects in their area in Turkey and in neighboring countries.

NOVVES GROUP offers project-specific project and project management services to its business partners at integration points as well as in their own fields.

## Our Business Areas



### Comfort Ventilation

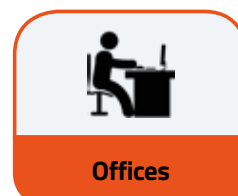
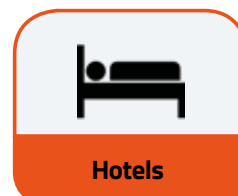
Considering that a large part of human life is spent in closed environments, it is extremely important to provide comfort conditions in these environments in order to have a healthy life. In the simplest terms, as NOVVES, we offer solutions with our wide range of products for comfortable ventilation, which can be defined as the continuous supply of fresh air to indoor environments, and we create livable spaces for you by providing the necessary air quality.

















### Fire Safety

One of the biggest threats to human life in case of fire is smoke. Smoke control is of vital importance to keep smoke and heat away from human escape routes and to facilitate fire brigade's response to fire. As NOVVES, we provide smoke evacuation with our car park jet fans, and offer optimum solutions with projecting and CFD analysis.

## Application Areas



PRODUCT FAMILY

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## AXIAL BATHROOM FANS



- Made of high quality ABS plastic
- Suitable for wall and window mounting
- IPX4 protection against splashing water

MODEL	SEAHORSE AP CAPACITY TABLE (m³/h)-Pa					VOLTAGE	POWER
	Pa	0	20	40	60	V	W
SEAHORSE AP 10	m³/h	100	70	-	-	230	12
SEAHORSE AP 12	m³/h	160	125	30	-	230	16
SEAHORSE AP 15	m³/h	300	230	150	20	230	32
SEAHORSE AP 20	m³/h	350	290	200	100	230	44

## CEILING BATHROOM FANS



- Made of high quality ABS plastic
- Suitable for ceiling mounting
- IP24 protection against splashing water
- With backdraft damper
- Low Noise Level

MODEL	SEAHORSE RP V1 CAPACITY TABLE (m³/h)-Pa								VOLTAGE	POWER
	Pa	0	20	40	60	80	100	120	V	W
SEAHORSE RP V1	m³/h	100	96	88	72	56	40	24	230	23

## CEILING BATHROOM V2 FANS



- Made of high quality ABS plastic
- Suitable for ceiling mounting
- IP24 protection against splashing water
- With backdraft damper
- Low Noise Level

MODEL	SEAHORSE-RP-V2 CAPACITY TABLE (m³/h)-Pa								VOLTAGE	POWER
	Pa	0	20	40	60	80	100	120	V	W
SEAHORSE RP V2	m³/h	150	110	80	60	48	32	20	230	32





## INLINE ROUND DUCT FANS



- Body made of high quality galvanized steel sheet
- IP44 protection class, F insulation
- Highly efficient, backward curved wing, low noise level
- Vertical or horizontal installation possibility
- Suitable for aspiration or ventilation depending on the mounting direction
- Speed can be adjusted with a variable speed drive "optional" (Page 62)

MODEL	KOI-CB CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	50	100	150	200	300	400	500	600	700	V	W
KOI CB 100M	m³/h	400	370	320	270	200	75	-	-	-	-	230	68
KOI CB 125M	m³/h	530	470	385	320	250	85	-	-	-	-	230	76
KOI CB 150M	m³/h	640	590	530	480	410	200	30	-	-	-	230	110
KOI CB 200M	m³/h	1000	880	810	740	660	520	370	-	-	-	230	160
KOI CB 250M	m³/h	1200	1120	960	920	800	600	405	80	-	-	230	180
KOI CB 315M	m³/h	1900	1820	1720	1600	1560	1300	1100	780	540	300	230	285

## INLINE RECTANGULAR DUCT FANS

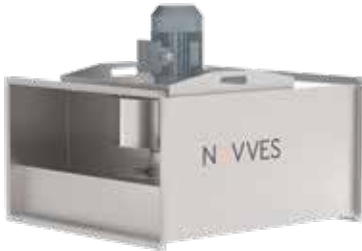


- Body made of high quality galvanized steel sheet
- IP44 protection class, F insulation
- Highly efficient, backward curved wing low sound level
- Self-flanged suction and discharge nozzles
- Vertical or horizontal installation possibility
- Inspection hatch for wing and engine maintenance
- Suitable for aspiration or ventilation depending on the mounting direction
- Speed can be adjusted with a variable speed drive "optional" (Page 62)
- Three-phase motors suitable to work with frequency inverters for the 400V products "optional" (Page 62)

MODEL	KOI-RB CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	300	400	500	600	700	800	900	V	W
KOI RB 30-15M	m³/h	550	420	300	100	-	-	-	-	-	-	230	60
KOI RB 40-20M	m³/h	1100	970	825	700	500	100	-	-	-	-	230	135
KOI RB 50-25MV1	m³/h	1500	1400	1275	100	750	250	-	-	-	-	230	230
KOI RB 50-25MV2	m³/h	1800	1600	1400	1200	800	450	300	-	-	-	230	230
KOI RB 60-35MV1	m³/h	2500	2200	1875	1550	750	-	-	-	-	-	230	210
KOI RB 60-35MV2	m³/h	3300	2900	2400	1800	900	-	-	-	-	-	230	400
KOI RB 70-40MV1	m³/h	4000	3650	3200	2400	1500	-	-	-	-	-	230	430
KOI RB 70-40MV2	m³/h	4400	4000	3500	3000	2600	1300	-	-	-	-	230	510
KOI RB 80-50TV1	m³/h	6000	5200	4600	4000	3000	-	-	-	-	-	400	800
KOI RB 80-50TV2	m³/h	7000	6500	6000	5500	4600	3600	2000	-	-	-	400	1100
KOI RB 100-50TV1	m³/h	9400	9000	8500	7500	6200	500	3000	1250	-	-	400	1500
KOI RB 100-50TV2	m³/h	12800	12400	12000	11200	10400	9400	8200	7000	5000	1200	400	2500



## INLINE RECTANGULAR DUCT FANS WITH EXTERNAL MOTOR



- Body made of high quality galvanized steel sheet
- IP55 protection class, F insulation
- Highly efficient, backward curved wing
- Self-flanged suction and discharge nozzles
- Vertical or horizontal installation possibility
- Out of engine airflow
- 120°C continuous operation
- Three-phase motors suitable to work with frequency inverters For The 400V products "optional" (Page 62)

MODEL	KOI-REB CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	300	400	500	600	700	800	1000	V	kW
KOI REB 60-35TV1	m³/h	3250	3100	2750	2250	1400	-	-	-	-	-	400	0,25
KOI REB 60-35TV2	m³/h	3400	3150	2750	2300	1450	-	-	-	-	-	400	0,37
KOI REB 70-40TV1	m³/h	6200	6000	5500	4750	3750	2000	-	-	-	-	400	0,55
KOI REB 70-40TV2	m³/h	6300	6150	5600	4850	3900	2150	-	-	-	-	400	1,1
KOI REB 80-50T	m³/h	8700	8500	7700	6850	6400	5500	4350	2500	-	-	400	1,5
KOI REB 100-50T	m³/h	10500	10000	9500	8750	8500	7500	6750	6500	5500	2000	400	2,2

## INLINE ROUND MIXFLOW DUCT FANS



- Plastic body
- Double speed fan motor
- IP44 protection class
- Low noise level
- Easy to install and maintain
- Speed can be adjusted with a variable speed drive "optional" (Page 62)
- Suitable for aspiration or ventilation depending on the mounting direction

MODEL	KOI-X CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	50	100	150	200	250	300	350	400	500	V	W
KOI X 100M	m³/h	220	165	110	20	-	-	-	-	-	-	230	25
KOI X 125M	m³/h	345	300	175	-	-	-	-	-	-	-	230	29
KOI X 150M	m³/h	560	545	470	375	200	-	-	-	-	-	230	50
KOI X 160M	m³/h	560	545	470	375	200	-	-	-	-	-	230	50
KOI X 200M	m³/h	1080	970	830	725	600	400	190	-	-	-	230	108
KOI X 250M	m³/h	1360	1300	1200	1100	950	750	590	400	300	-	230	177
KOI X 315M	m³/h	1750	1700	1600	1500	1400	1300	1190	1050	850	500	230	315

## HORIZONTAL OUTLET RADIAL ROOF FANS



- Horizontal throw
- Electrostatic oven painted body on galvanized sheet
- Suitable for max. 40°C operation
- Highly efficient, backward curved wing
- Suitable for aspiration
- Speed can be adjusted with a variable speed drive "optional" (Page 62)
- Three-phase motors suitable to work with frequency inverters for The 400V products "optional" (Page 62)

MODEL	HERON-RH CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	50	100	150	200	250	300	350	400	500	V	W
HERON RH 190	m³/h	410	385	365	335	285	205	-	-	-	-	230	76
HERON RH 220	m³/h	950	900	850	790	725	625	550	415	205	-	230	145
HERON RH 250	m³/h	1300	1260	1250	1205	1190	1130	1050	875	550	-	230	200
HERON RH 315	m³/h	1870	1750	1500	1250	870	250	-	-	-	-	230	145
HERON RH 355	m³/h	2750	2700	2550	2350	2050	1600	500	-	-	-	230	240
HERON RH 400	m³/h	3750	3600	3350	3250	3050	2750	2500	2050	1450	-	230	510
HERON RH 450	m³/h	6290	5850	5750	5050	4750	4500	4000	3500	2900	-	230	510
HERON RH 500	m³/h	8000	7700	7350	6750	6300	6000	5500	5000	4400	2900	400	700/1070
HERON RH 560	m³/h	10000	9450	9000	8650	8000	7360	7000	6050	5500	3920	400	1500/2580

## HORIZONTAL OUTLET RADIAL ROOF FANS WITH EXTERNAL MOTOR



- Body made of high quality galvanized steel sheet
- Out of engine airflow
- 120°C continuous operation
- Highly efficient, backward curved wing
- Suitable for kitchen exhaust aspiration
- Three-phase motors suitable to work with frequency inverters for the 400V products "optional" (Page 62)

MODEL	HERON-RHS CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	300	400	500	600	700	800	900	V	kW
HERON RHS 0,37	m³/h	2000	1850	1480	750	-	-	-	-	-	-	400	0,37
HERON RHS 0,75	m³/h	3500	3150	2750	2100	750	-	-	-	-	-	400	0,75
HERON RHS 1,1	m³/h	4000	3750	3350	2950	2350	850	-	-	-	-	400	1,1
HERON RHS 1,5	m³/h	5000	4750	4490	3850	3000	1500	-	-	-	-	400	1,5
HERON RHS-2,2	m³/h	7000	6750	6500	6350	5750	5000	3250	-	-	-	400	2,2
HERON RHS-3	m³/h	8000	7550	7200	6500	5700	4500	2800	750	-	-	400	3
HERON RHS-4	m³/h	10000	9000	8000	7000	5500	3500	-	-	-	-	400	4
HERON RHS-5,5	m³/h	12000	11500	11000	10100	9500	8000	6000	1500	-	-	400	5,5
HERON RHS-7,5	m³/h	15000	13600	12500	11000	9500	7000	3500	-	-	-	400	7,5
HERON RHS-11	m³/h	20000	18500	17500	16100	15200	13000	11000	2600	-	-	400	11
HERON RHS-15	m³/h	25000	23600	24000	22500	21000	18500	16000	10800	-	-	400	15
HERON RHS-18,5	m³/h	30000	29000	28500	27500	26000	25200	23500	20500	15000	-	400	18,5
HERON RHS-22	m³/h	35000	33500	34500	33000	32500	31000	30000	27500	24500	18500	400	22

## VERTICAL OUTLET RADIAL ROOF FANS



- Body made of high quality galvanized steel sheet
- Suitable for max. 40°C operation
- Highly efficient, backward curved wing
- Suitable for aspiration
- Three-phase motors suitable to work with frequency inverters for the 400V products "optional" (Page 62)

MODEL	HERON-RV CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	300	400	500	600	700	800	900	V	W
HERON RV 250	m³/h	850	775	700	550	275	-	-	-	-	-	230	145
HERON RV 280	m³/h	1200	1050	1000	900	850	700	-	-	-	-	230	350
HERON RV 315	m³/h	1900	1750	1600	1450	1250	950	500	-	-	-	230	145
HERON RV 355	m³/h	2750	2600	2250	1750	850	-	500	-	-	-	230	200
HERON RV 400	m³/h	3800	3600	3500	3200	2650	1800	-	-	-	-	230	355
HERON RV 450	m³/h	5950	5750	5600	4750	4000	2750	-	-	-	-	230	500
HERON RV 500	m³/h	8000	7500	7000	6500	5600	4750	3500	1700	-	-	400	900
HERON RV 560	m³/h	10000	9500	9000	8600	8050	7250	7000	6000	5000	3500	400	1500

## VERTICAL OUTLET RADIAL ROOF FANS WITH EXTERNAL MOTOR



- Vertical Throw
- Body made of high quality galvanized steel sheet
- Out of engine airflow
- 120°C continuous operation
- Backward curved wing
- Suitable for kitchen exhaust aspiration
- Three-phase motors suitable to work with frequency inverters for the 400V products "optional" (Page 62)

MODEL	HERON-RVS CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	50	100	200	300	400	500	600	800	1000	V	KW
HERON RVS 280	m³/h	1100	1070	1050	950	900	850	700	500	-	-	400	0,25
HERON RVS 315	m³/h	1850	1800	1750	1650	1400	1250	900	550	-	-	400	0,37
HERON RVS 355	m³/h	2750	2600	2550	2250	1750	850	-	-	-	-	400	0,55
HERON RVS 400	m³/h	3750	3700	3600	3500	3200	2650	1800	-	-	-	400	0,75
HERON RVS 450	m³/h	5850	5750	5500	5250	4750	4000	2700	-	-	-	400	1,1
HERON RVS 500	m³/h	8000	7750	7500	7000	6300	5500	4600	3450	-	-	400	1,5
HERON RVS 560	m³/h	10000	9600	9500	9000	8500	8000	7500	7000	5000	1100	400	2,2



## HORIZONTAL AXIAL ROOF FANS



- Horizontal throw
- Body, hat and protective wire mesh are electrostatic powder painted for resistance to corrosion, optional hot dip galvanized.
- Three-phase motors suitable to work with frequency inverters “optional” (Page 62)
- Double speed engine option
- Adjustable wing angle
- Highly efficient, aerophile structured plastic propeller
- Can be used for fresh air supply or air exhaust up to 50 °C

MODEL	2 KUTUPLU HERON-AH CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	150	200	300	400	500	600	700	800	V	kW
HERON AH 3151U-2T0,75	m³/h	4750	4275	4038	3724	3088	-	-	-	-	-	400	0,75
HERON AH 3551U-2T0,75	m³/h	5159	4769	4570	4351	3781	3059	-	-	-	-	400	0,75
HERON AH 3552U-2T0,75	m³/h	5938	5168	4684	4000	0	-	-	-	-	-	400	0,75
HERON AH 3551U-2T1,1	m³/h	6441	5976	5700	5387	4674	3800	-	-	-	-	400	1,1
HERON AH 3551U-2T1,5	m³/h	7011	6527	6232	5938	5225	3800	-	-	-	-	400	1,5
HERON AH 4001U-2T0,75	m³/h	6698	5966	5615	5064	3914	-	-	-	-	-	400	0,75
HERON AH 4001U-2T1,1	m³/h	7942	7144	6698	6185	4959	-	-	-	-	-	400	1,1
HERON AH 4002U-2T1,1	m³/h	7429	6935	6688	6394	5767	4988	3800	-	-	-	400	1,1
HERON AH 4001U-2T1,5	m³/h	8569	7914	7524	7078	6099	4969	-	-	-	-	400	1,5
HERON AH 4001U-2T2,2	m³/h	9500	9025	8769	8474	7885	7173	6270	-	-	-	400	2,2
HERON AH 4001U-2T3	m³/h	10260	9690	9500	9215	8626	7952	6935	-	-	-	400	3
HERON AH 4501U-2T1,1	m³/h	8417	7866	7505	7220	6508	5577	4370	2926	-	-	400	1,1
HERON AH 4501U-2T1,5	m³/h	10165	9405	8968	8531	7562	6318	-	-	-	-	400	1,5
HERON AH 4501U-2T2,2	m³/h	10735	10260	10070	9785	9215	8522	7600	6251	-	-	400	2,2
HERON AH 4502U-2T2,2	m³/h	12350	11400	10925	10450	9310	8075	-	-	-	-	400	2,2
HERON AH 4501U-2T3	m³/h	12635	11970	11590	11210	10260	9215	7885	-	-	-	400	3
HERON AH 4501U-2T4	m³/h	13395	12825	12445	12065	11210	10260	8987	-	-	-	400	4
HERON AH 4501U-2T5,5	m³/h	15200	14630	14440	14060	13395	12635	11780	10545	-	-	400	5,5
HERON AH 5001U-2T2,2	m³/h	11780	11115	10735	10260	9500	8360	6878	5083	3325	1900	400	2,2
HERON AH 5002U-2T2,2	m³/h	14250	13300	12825	12255	11020	9690	7600	-	-	-	400	2,2
HERON AH 5001U-2T3	m³/h	15295	14535	14060	13680	12730	11590	10260	8265	-	-	400	3
HERON AH 5001U-2T4	m³/h	17100	16245	15770	15295	14250	13015	11590	9975	-	-	400	4
HERON AH 5001U-2T5,5	m³/h	16340	15865	15675	15390	14915	14345	13680	12920	11875	-	400	5,5
HERON AH 5001U-2T7,5	m³/h	20330	19760	19380	19000	18335	17480	16625	15485	-	-	400	7,5

MODEL	2 KUTUPLU HERON-AH CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	400	600	800	1000	1200	1300	1500	V	kW
HERON AH 5601U-2T2,2	m³/h	14060	12920	11685	8759	4275	-	-	-	-	-	400	2,2
HERON AH 5601U-2T3	m³/h	15390	14535	13585	11305	8284	3752,5	-	-	-	-	400	3
HERON AH 5601U-2T4	m³/h	18620	17575	16720	14440	11210	0	-	-	-	-	400	4
HERON AH 5601U-2T5,5	m³/h	19570	19000	18430	17100	15390	13110	9025	5415	3990	-	400	5,5
HERON AH 5601U-2T7,5	m³/h	22420	21850	21185	19855	18145	15865	-	-	-	-	400	7,5
HERON AH 5602U-2T7,5	m³/h	23940	22990	22040	19855	17290	-	-	-	-	-	400	7,5
HERON AH 5601U-2T11	m³/h	28215	27265	26505	24700	21280	-	-	-	-	-	400	11
HERON AH 6301U-2T2,2	m³/h	17100	15675	14155	10640	5918,5	-	-	-	-	-	400	2,2
HERON AH 6301U-2T4	m³/h	18715	17765	16910	14820	12255	8740	5424,5	-	-	-	400	4
HERON AH 6301U-2T5,5	m³/h	23750	22610	21470	18715	15105	9481	4132,5	-	-	-	400	5,5
HERON AH 6301U-2T7,5	m³/h	25365	24510	23655	22040	20140	17670	14155	9785	7695	-	400	7,5
HERON AH 6301U-2T11	m³/h	29260	28595	27835	26125	24130	21755	17955	11875	9595	-	400	11
HERON AH 6302U-2T11	m³/h	31540	30590	29830	27930	25745	23465	20330	-	-	-	400	11
HERON AH 6303U-2T11	m³/h	32300	31065	29925	27360	24320	20045	-	-	-	-	400	11
HERON AH 6301U-2T15	m³/h	35435	34580	33630	31635	29355	26600	23180	-	-	-	400	15
HERON AH 7101U-2T7,5	m³/h	25555	24700	23750	21755	19475	16910	13395	10450	9215	7125	400	7,5
HERON AH 7101U-2T11	m³/h	30115	29165	28310	26410	24130	21470	17955	13775	12160	9443	400	11
HERON AH 7102U-2T11	m³/h	34865	33915	32965	30875	28595	26030	22325	17290	14725	11590	400	11
HERON AH 7101U-2T15	m³/h	41990	40945	39995	37810	35340	32680	29355	-	-	-	400	15
HERON AH 7101U-2T18,5	m³/h	45600	44650	43510	41230	38665	35625	32205	27455	-	-	400	18,5

MODEL	4 KUTUPLU HERON-AH CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	50	100	150	200	250	300	350	400	450	V	kW
HERON AH 5001U-4T0,75	m³/h	9690	8939,5	7980	6479	-	-	-	-	-	-	400	0,75
HERON AH 5001U-4T1,1	m³/h	9975	9443	8768,5	7885	-	-	-	-	-	-	400	1,1
HERON AH 5601U-4T0,75	m³/h	9595	9034,5	8341	7457,5	6270	4123	2337	-	-	-	400	0,75
HERON AH 5602U-4T0,75	m³/h	11875	10830	9462	7885	-	-	-	-	-	-	400	0,75
HERON AH 5601U-4T1,1	m³/h	12635	11875	11115	10165	8825,5	-	-	-	-	-	400	1,1
HERON AH 5602U-4T1,1	m³/h	13110	12255	11115	9785	-	-	-	-	-	-	400	1,1
HERON AH 5601U-4T1,5	m³/h	13965	13205	12445	11495	10260	-	-	-	-	-	400	1,5
HERON AH 6301U-4T1,1	m³/h	12445	11590	10735	9785	8265	6080	4085	2185	-	-	400	1,1
HERON AH 6301U-4T1,5	m³/h	14915	14250	13395	12445	11210	9595	6602,5	4465	2850	1453,5	400	1,5
HERON AH 6302U-4T1,5	m³/h	16815	15960	14915	13775	12255	9785	-	-	-	-	400	1,5
HERON AH 6303U-4T1,5	m³/h	17385	16245	15105	13585	11495	-	-	-	-	-	400	1,5
HERON AH 6301U-4T2,2	m³/h	19380	18430	17480	16435	15010	13015	-	-	-	-	400	2,2
HERON AH 6301U-4T3	m³/h	20995	20235	19475	18050	16815	15295	-	-	-	-	400	3
HERON AH 7101U-4T1,5	m³/h	18145	17100	16055	14725	13395	11305	7951,5	6127,5	4845	3990	400	1,5
HERON AH 7101U-4T2,2	m³/h	22895	21755	20425	19190	17480	15295	-	-	-	-	400	2,2
HERON AH 7101U-4T3	m³/h	26220	24890	23370	21850	20045	17290	-	-	-	-	400	3
HERON AH 7102U-4T3	m³/h	24605	23750	22800	21660	20330	18715	16815	14630	-	-	400	3
HERON AH 7103U-4T3	m³/h	26505	24890	23180	21375	19190	-	-	-	-	-	400	3
HERON AH 7101U-4T4	m³/h	29640	28500	27360	25840	23940	21565	19380	17100	-	-	400	4

MODEL	4 KUTUPLU HERON-AH CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	300	400	500	600	800	1000	1200	V	kW
HERON AH 8001U-4T2,2	m³/h	23750	21280	18050	12445	7381,5	4655	-	-	-	-	400	2,2
HERON AH 8001U-4T3	m³/h	25175	23180	20995	17955	12540	7790	4408	-	-	-	400	3
HERON AH 8002U-4T3	m³/h	29070	26220	22705	17480	-	-	-	-	-	-	400	3
HERON AH 8001U-4T4	m³/h	27930	25935	23750	21090	16530	9880	7087	-	-	-	400	4
HERON AH 8002U-4T4	m³/h	35055	31445	27360	-	-	-	-	-	-	-	400	4
HERON AH 8001U-4T5,5	m³/h	35055	32205	29165	25935	20900	-	-	-	-	-	400	5,5
HERON AH 8002U-4T5,5	m³/h	37430	34675	31635	27455	-	-	-	-	-	-	400	5,5
HERON AH 8001U-4T7,5	m³/h	39235	37240	34770	31065	26600	-	-	-	-	-	400	7,5
HERON AH 8001U-4T11	m³/h	42560	40185	37525	34200	29545	-	-	-	-	-	400	11
HERON AH 9001U-4T4	m³/h	30305	28500	26410	24035	20615	15010	10355	-	-	-	400	4
HERON AH 9002U-4T4	m³/h	36480	33630	29735	24700	-	-	-	-	-	-	400	4
HERON AH 9001U-4T5,5	m³/h	35625	33630	31445	28785	23275	-	-	-	-	-	400	5,5
HERON AH 9002U-4T5,5	m³/h	43795	40470	36480	31445	-	-	-	-	-	-	400	5,5
HERON AH 9001U-4T7,5	m³/h	42655	40565	38095	35150	30970	24700	19190	8303	-	-	400	7,5
HERON AH 9002U-4T7,5	m³/h	46930	44080	40945	37050	32490	-	-	-	-	-	400	7,5
HERON AH 9003U-4T7,5	m³/h	48925	45410	40945	33250	-	-	-	-	-	-	400	7,5
HERON AH 9001U-4T11	m³/h	52630	49685	46360	42275	36670	-	-	-	-	-	400	11
HERON AH 9002U-4T11	m³/h	53865	50635	47500	44270	40185	-	-	-	-	-	400	11
HERON AH 90010U-4T15	m³/h	59280	56335	53010	49495	45030	-	-	-	-	-	400	15
HERON AH 10001U-4T5,5	m³/h	43605	40090	36670	32775	27835	21660	16055	8958,5	-	-	400	5,5
HERON AH 10001U-4T7,5	m³/h	51965	48545	45030	41135	35815	26410	18430	-	-	-	400	7,5
HERON AH 10001U-4T11	m³/h	50540	48735	46645	44270	39995	33250	27550	19095	14535	-	400	11
HERON AH 10002U-4T11	m³/h	60230	57190	53865	50255	45885	40755	-	-	-	-	400	11
HERON AH 10003U-4T11	m³/h	66880	62225	57000	50825	-	-	-	-	-	-	400	11
HERON AH 10001U-4T15	m³/h	59660	57190	54815	52155	48925	45315	39900	26790	20045	15770	400	15
HERON AH 10002U-4T15	m³/h	69920	66500	62700	58710	53960	48070	-	-	-	-	400	15
HERON AH 10001U-4T18,5	m³/h	66785	64030	61275	58330	55005	51205	45885	-	-	-	400	18,5
HERON AH 10002U-4T18,5	m³/h	76000	72295	68400	63650	58140	-	-	-	-	-	400	18,5
HERON AH 10001U-4T22	m³/h	72960	70205	67545	64220	60705	57000	51680	44460	0	-	400	22
HERON AH 10001U-4T30	m³/h	82080	78565	75335	71915	67640	61750	-	-	-	-	400	30







## HEAT RECOVERY UNITS



- Made of high quality galvanized sheet steel
- Highly efficient aluminum plate heat exchanger
- Suitable for max. 40°C operation
- Washable G2 Filter
- Touch Control Panel included
- Optional electric heater (Page 61)
- Speed can be adjusted with a variable speed drive “optional” (Page 62)
- Three-phase motors suitable to work with frequency inverters For The 400V products “optional” (Page 62)

MODEL	CARACAL D CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	150	200	250	300	400	500	600	700	V	W
CARACAL D 50	m³/h	500	400	350	300	180	100	-	-	-	-	230	60x2
CARACAL D 100	m³/h	1050	950	900	800	710	600	410	100	-	-	230	135x2
CARACAL D 150	m³/h	1500	1375	1300	1120	1050	1000	700	325	-	-	230	230x2
CARACAL D 200	m³/h	1800	1600	1500	1380	1275	1180	800	500	200	-	230	230x2
CARACAL D 250	m³/h	2500	2200	1875	1500	1200	750	-	-	-	-	230	210x2
CARACAL D 300	m³/h	3300	2900	2700	2400	2100	1800	900	-	-	-	230	400x2
CARACAL D 400	m³/h	4400	4000	3800	3500	3300	3000	2600	1300	-	-	230	510x2
CARACAL D 600	m³/h	6000	5200	5000	4600	4400	4000	3000	-	-	-	230	800x2
CARACAL D 700	m³/h	7000	6400	6300	6000	5700	5500	4600	3500	2000	-	400	1100x2

## CONTROL TOUCH PANEL



- User friendly interface
- Suitable for every Caracal D series
- Multiple language options
- Digital input and output assign
- Timer
- Alarm report
- Colourful touch panel
- BMS can take info from modbus protocol

Dokunmatik Kontrol Paneli	VOLTAGE
Model	V
AETP01	230



## DUCT TYPES SHELTER FANS



- Made of high quality galvanized sheet steel
- External rotor motor
- Backward curved, sparsely winged
- Suitable for max. 40°C operation
- G4 filter, hepa filter and carbon filter
- By-pass damper

MODEL	FOX D CAPACITY TABLE (m³/h)-Pa										VOLTAGE	POWER
	Pa	0	50	100	150	200	250	300	350	400	V	W
FOX D 25M	m³/h	325	300	250	180	50	-	-	-	-	230	80
FOX D 50M	m³/h	600	570	525	450	300	-	-	-	-	230	105
FOX D 75M	m³/h	910	875	775	590	-	-	-	-	-	230	105
FOX D 100M	m³/h	1200	1150	1080	990	875	720	500	-	-	230	145
FOX D 150M	m³/h	1800	1670	1570	1375	1150	-	-	-	-	230	350
FOX D 200M	m³/h	2140	2090	2040	1920	1875	1800	1650	1440	1200	230	135
FOX D 250M	m³/h	2950	2900	2870	2750	2500	2100	1300	-	-	230	170
FOX D 300M	m³/h	3500	3300	3125	2800	2250	1500	-	-	-	230	240
FOX D 350M	m³/h	3700	3650	3560	3420	3250	2940	-	-	-	230	510
FOX D 400M	m³/h	5000	4700	4375	3900	3350	2600	1100	-	-	230	510
FOX D 450M	m³/h	5500	5380	4650	4550	4200	3600	2750	2400	-	230	510
FOX D 500M	m³/h	6000	5750	5500	5100	4500	4200	3500	2750	-	230	510

## CABINET TYPES SHELTER FANS



- Double-walled, 20mm glass wool filling
- Made of high quality galvanized sheet steel
- External rotor motor
- Backward curved, sparsely winged
- Suitable for max. 40°C operation
- G4 filter, hepa filter and carbon filter
- By-pass damper
- Three-phase motors suitable to work with frequency inverters For The 400 V products "optional" (Page 62)

MODEL	FOX C CAPACITY TABLE (m³/h)-Pa								VOLTAGE	POWER
	Pa	100	150	200	250	300	350	400	V	kW
FOX C 200T	m³/h	2625	2500	2460	2350	2250	2170	2050	400	1,1
FOX C 360T	m³/h	4650	4550	4400	4250	4060	3840	3600	400	1,5
FOX C 430T	m³/h	6000	5800	5600	5325	5050	4700	4300	400	2,2
FOX C 540T	m³/h	7400	7200	7000	6700	6350	5900	5400	400	3
FOX C 720T	m³/h	8850	8700	8550	8300	8000	7700	7250	400	4

## KITCHEN FANS WITH METAL FILTER



- Frame made of high quality galvanized sheet steel
- Frame made of aluminum profile
- Double-walled, 20mm glass wool filling
- Motor and propeller in separate cabins, directly coupled
- Backward curved, sparsely winged
- Metal grease holder filter
- Three-phase motors suitable to work with frequency inverters for the 400V products "optional" (Page 62)

MODEL	BUTTERFLY B CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	100	200	300	400	500	750	1000	1500	2000	2500	V	kW
BUTTERFLY B 0,75	m³/h	2750	2500	2250	2000	1650	-	-	-	-	-	400	0,75
BUTTERFLY B 1,1	m³/h	3750	3500	3250	3000	2600	1750	-	-	-	-	400	1,1
BUTTERFLY B 1,5	m³/h	5900	5750	5500	5250	5100	4000	2000	-	-	-	400	1,5
BUTTERFLY B 2,2	m³/h	8250	8000	7500	7250	7000	6000	4750	1000	-	-	400	2,2
BUTTERFLY B 3	m³/h	9800	9500	9200	8900	8750	6750	6400	4000	-	-	400	3
BUTTERFLY B 4	m³/h	11600	11400	11000	10800	10600	9500	8800	6000	1500	-	400	4
BUTTERFLY B 5,5	m³/h	17800	16900	16200	15500	15000	13000	12000	8900	5000	-	400	5,5
BUTTERFLY B 7,5	m³/h	21500	21000	20800	20000	19000	18200	16500	13500	10000	4000	400	7,5





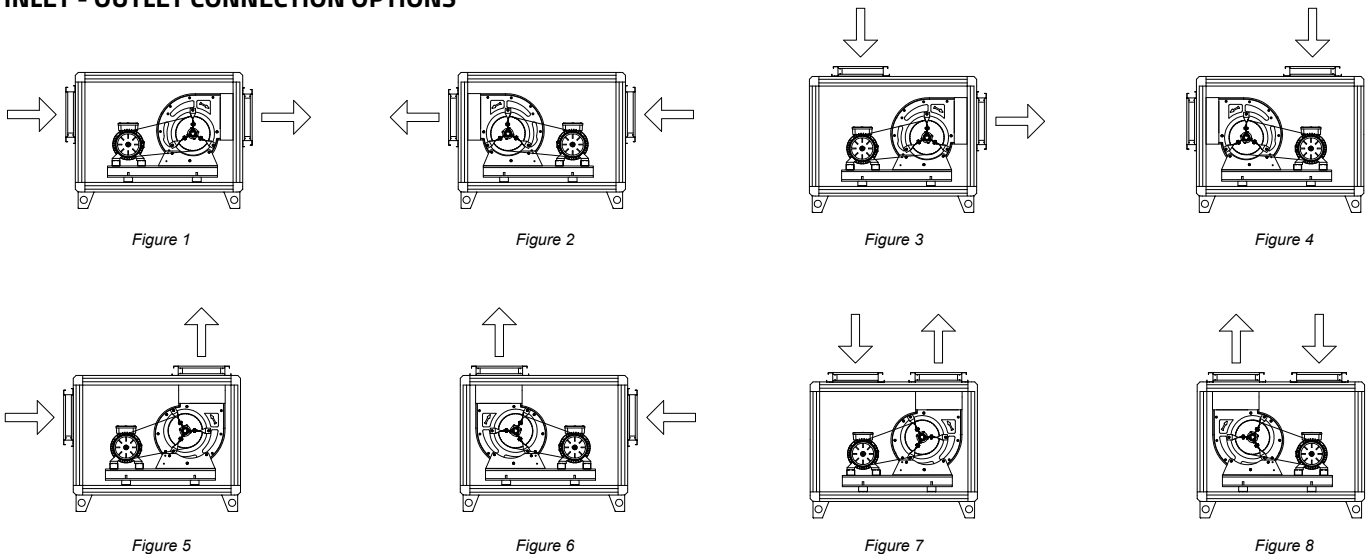
## BELT DRIVEN BACKWARDS CURVED CABINET FANS



- Belt-pulley driven
- Frame made of high quality galvanized sheet steel
- Frame made of aluminum profile
- Double-walled, 20mm glass wool filling
- Backward curved, sparsely winged
- Three-phase motors suitable to work with frequency inverters for the 400V products "optional" (Page 62)

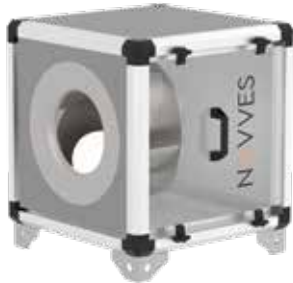
MODEL	TURTLE-B CAPACITY TABLE (m³/h)-Pa		VOLTAGE	POWER
	Pa	400	V	kW
TURTLE B 250 4T0,75	m³/h	3000	400	0,75
TURTLE B 250 4T1,1	m³/h	4000	400	1,1
TURTLE B 280 4T1,1	m³/h	5000	400	1,1
TURTLE B 280 4T1,5	m³/h	6000	400	1,5
TURTLE B 315 4T2,2	m³/h	7000	400	2,2
TURTLE B 315 4T3	m³/h	8000	400	3
TURTLE B 355 4T3	m³/h	10000	400	3
TURTLE B 355 4T4	m³/h	12000	400	4
TURTLE B 400 4T4	m³/h	13000	400	4
TURTLE B 400 4T5,5	m³/h	14000	400	5,5
TURTLE B 450 4T5,5	m³/h	16000	400	5,5
TURTLE B 450 4T7,5	m³/h	18000	400	7,5
TURTLE B 500 4T7,5	m³/h	21000	400	7,5
TURTLE B 500 4T11	m³/h	23000	400	11

### INLET - OUTLET CONNECTION OPTIONS





## PLUG BACKWARDS CURVED CABINET FANS



- Frame made of high quality galvanized sheet steel
- Frame made of aluminum profile
- Double-walled, 20mm glass wool filling
- Backward curved, sparsely winged
- Three-phase motors suitable to work with frequency inverters for the 400V products "optional" (Page 62)

MODEL	TURTLE BP CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	100	200	300	400	600	800	1000	1200	1400	1600	V	kW
TURTLE BP 355 4T0,37	m³/h	3200	2900	2300	-	-	-	-	-	-	-	400	0,37
TURTLE BP 400 4T0,55	m³/h	4500	4150	3550	2100	-	-	-	-	-	-	400	0,55
TURTLE BP 450 4T0,75	m³/h	-	6200	5900	5100	2000	-	-	-	-	-	400	0,75
TURTLE BP 500 4T1,5	m³/h	-	9000	8500	7850	6000	-	-	-	-	-	400	1,5
TURTLE BP 560 4T3	m³/h	-	12500	12100	11900	10250	7750	-	-	-	-	400	3
TURTLE BP 630 4T5,5	m³/h	-	-	17800	16400	15000	14000	10000	-	-	-	400	5,5
TURTLE BP 710 4T11	m³/h	-	-	-	27000	25000	23200	21000	17500	12000	-	400	11
TURTLE BP 800 4T18,5	m³/h	-	-	-	39000	37000	36000	33500	31200	27500	22500	400	18,5

### INLET - OUTLET CONNECTION OPTIONS

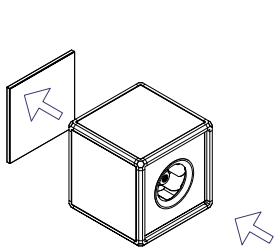


Figure 1

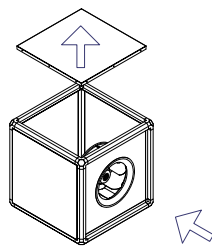


Figure 2

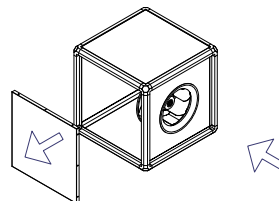


Figure 3

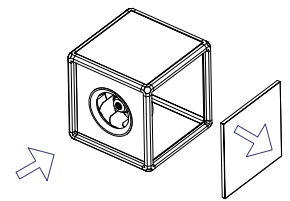


Figure 4

## AXIAL CABINET FANS



- Body is electrostatic powder painted for resistance to corrosion, optional hot dip galvanized
- Double speed engine option,
- Adjustable wing angle
- Wings made of glass fiber composite materials
- Suitable for horizontal and vertical mounting
- It can be used for fresh air supply or air exhaust up to 50°C.
- Three-phase motors suitable to work with frequency inverters for the 400V products "optional" (Page 62)

MODEL	2 POLES TURTLE A CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	150	200	300	400	500	600	700	800	V	kW
TURTLE A 4001U-2T0,75	m³/h	7050	6280	5910	5330	4120	-	-	-	-	-	400	0,75
TURTLE A 4001U-2T1,1	m³/h	8360	7520	7050	6510	5220	-	-	-	-	-	400	1,1
TURTLE A 4002U-2T1,1	m³/h	7820	7300	7040	6730	6070	5250	4000	-	-	-	400	1,1
TURTLE A 4001U-2T1,5	m³/h	9020	8330	7920	7450	6420	5230	-	-	-	-	400	1,5
TURTLE A 4001U-2T2,2	m³/h	10000	9500	9230	8920	8300	7550	6600	-	-	-	400	2,2
TURTLE A 4001U-2T3	m³/h	10800	10200	10000	9700	9080	8370	7300	-	-	-	400	3
TURTLE A 4501U-2T1,1	m³/h	8860	8280	7900	7600	6850	5870	4600	3080	-	-	400	1,1
TURTLE A 4501U-2T1,5	m³/h	10700	9900	9440	8980	7960	6650	-	-	-	-	400	1,5
TURTLE A 4501U-2T2,2	m³/h	11300	10800	10600	10300	9700	8970	8000	6580	-	-	400	2,2
TURTLE A 4502U-2T2,2	m³/h	13000	12000	11500	11000	9800	8500	-	-	-	-	400	2,2
TURTLE A 4501U-2T3	m³/h	13300	12600	12200	11800	10800	9700	8300	-	-	-	400	3
TURTLE A 4501U-2T4	m³/h	14100	13500	13100	12700	11800	10800	9460	-	-	-	400	4
TURTLE A 4501U-2T5,5	m³/h	16000	15400	15200	14800	14100	13300	12400	11100	-	-	400	5,5
TURTLE A 5001U-2T2,2	m³/h	12400	11700	11300	10800	10000	8800	7240	5350	3500	2000	400	2,2
TURTLE A 5002U-2T2,2	m³/h	15000	14000	13500	12900	11600	10200	8000	-	-	-	400	2,2
TURTLE A 5001U-2T3	m³/h	16100	15300	14800	14400	13400	12200	10800	8700	-	-	400	3
TURTLE A 5001U-2T4	m³/h	18000	17100	16600	16100	15000	13700	12200	10500	-	-	400	4
TURTLE A 5001U-2T5,5	m³/h	17200	16700	16500	16200	15700	15100	14400	13600	12500	-	400	5,5
TURTLE A 5001U-2T7,5	m³/h	21400	20800	20400	20000	19300	18400	17500	16300	-	-	400	7,5

MODEL	2 POLES TURTLE A CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	400	600	800	1000	1200	1300	1500	V	kW
TURTLE A 5601U-2T2,2	m³/h	14800	13600	12300	9220	4500	-	-	-	-	-	400	2,2
TURTLE A 5601U-2T3	m³/h	16200	15300	14300	11900	8720	3950	-	-	-	-	400	3
TURTLE A 5601U-2T4	m³/h	19600	18500	17600	15200	11800	-	-	-	-	-	400	4
TURTLE A 5601U-2T5,5	m³/h	20600	20000	19400	18000	16200	13800	9500	5700	4200	-	400	5,5
TURTLE A 5601U-2T7,5	m³/h	23600	23000	22300	20900	19100	16700	-	-	-	-	400	7,5
TURTLE A 5602U-2T7,5	m³/h	25200	24200	23200	20900	18200	-	-	-	-	-	400	7,5
TURTLE A 5601U-2T11	m³/h	29700	28700	27900	26000	22400	-	-	-	-	-	400	11
TURTLE A 6301U-2T2,2	m³/h	18000	16500	14900	11200	6230	-	-	-	-	-	400	2,2
TURTLE A 6301U-2T4	m³/h	19700	18700	17800	15600	12900	9200	5710	-	-	-	400	4
TURTLE A 6301U-2T5,5	m³/h	25000	23800	22600	19700	15900	9980	4350	-	-	-	400	5,5
TURTLE A 6301U-2T7,5	m³/h	26700	25800	24900	23200	21200	18600	14900	10300	8100	-	400	7,5
TURTLE A 6301U-2T11	m³/h	30800	30100	29300	27500	25400	22900	18900	12500	10100	-	400	11
TURTLE A 6302U-2T11	m³/h	33200	32200	31400	29400	27100	24700	21400	-	-	-	400	11
TURTLE A 6303U-2T11	m³/h	34000	32700	31500	28800	25600	21100	-	-	-	-	400	11
TURTLE A 6301U-2T15	m³/h	37300	36400	35400	33300	30900	28000	24400	-	-	-	400	15
TURTLE A 7101U-2T7,5	m³/h	26900	26000	25000	22900	20500	17800	14100	11000	9700	7500	400	7,5
TURTLE A 7101U-2T11	m³/h	31700	30700	29800	27800	25400	22600	18900	14500	12800	9940	400	11
TURTLE A 7102U-2T11	m³/h	36700	35700	34700	32500	30100	27400	23500	18200	15500	12200	400	11
TURTLE A 7101U-2T15	m³/h	44200	43100	42100	39800	37200	34400	30900	-	-	-	400	15
TURTLE A 7101U-2T18,5	m³/h	48000	47000	45800	43400	40700	37500	33900	28900	-	-	400	18,5

MODEL	4 POLES TURTLE A CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	50	100	150	200	250	300	350	400	450	V	kW
TURTLE A 5001U-4T0,75	m³/h	10200	9410	8400	6820	-	-	-	-	-	-	400	0,75
TURTLE A 5001U-4T1,1	m³/h	10500	9940	9230	8300	-	-	-	-	-	-	400	1,1
TURTLE A 5601U-4T0,75	m³/h	10100	9510	8780	7850	6600	4340	2460	-	-	-	400	0,75
TURTLE A 5602U-4T0,75	m³/h	12500	11400	9960	8300	-	-	-	-	-	-	400	0,75
TURTLE A 5601U-4T1,1	m³/h	13300	12500	11700	10700	9290	-	-	-	-	-	400	1,1
TURTLE A 5602U-4T1,1	m³/h	13800	12900	11700	10300	-	-	-	-	-	-	400	1,1
TURTLE A 5601U-4T1,5	m³/h	14700	13900	13100	12100	10800	-	-	-	-	-	400	1,5
TURTLE A 6301U-4T1,1	m³/h	13100	12200	11300	10300	8700	6400	4300	2300	-	-	400	1,1
TURTLE A 6301U-4T1,5	m³/h	15700	15000	14100	13100	11800	10100	6950	4700	3000	1530	400	1,5
TURTLE A 6302U-4T1,5	m³/h	17700	16800	15700	14500	12900	10300	-	-	-	-	400	1,5
TURTLE A 6301U-4T1,5	m³/h	18300	17100	15900	14300	12100	-	-	-	-	-	400	1,5
TURTLE A 6301U-4T2,2	m³/h	20400	19400	18400	17300	15800	13700	-	-	-	-	400	2,2
TURTLE A 6301U-4T3	m³/h	22100	21300	20500	19000	17700	16100	-	-	-	-	400	3
TURTLE A 7101U-4T1,5	m³/h	19100	18000	16900	15500	14100	11900	8370	6450	5100	4200	400	1,5
TURTLE A 7101U-4T2,2	m³/h	24100	22900	21500	20200	18400	16100	-	-	-	-	400	2,2
TURTLE A 7101U-4T3	m³/h	27600	26200	24600	23000	21100	18200	-	-	-	-	400	3
TURTLE A 7102U-4T3	m³/h	25900	25000	24000	22800	21400	19700	17700	15400	-	-	400	3
TURTLE A 7103U-4T3	m³/h	27900	26200	24400	22500	20200	-	-	-	-	-	400	3
TURTLE A 7101U-4T4	m³/h	31200	30000	28800	27200	25200	22700	20400	18000	-	-	400	4

MODEL	4 POLES TURTLE A CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	300	400	500	600	800	1000	1200	V	kW
TURTLE A 8001U-4T2,2	m³/h	25000	22400	19000	13100	7770	4900	-	-	-	-	400	2,2
TURTLE A 8001U-4T3	m³/h	26500	24400	22100	18900	13200	8200	4640	-	-	-	400	3
TURTLE A 8002U-4T3	m³/h	30600	27600	23900	18400	-	-	-	-	-	-	400	3
TURTLE A 8001U-4T4	m³/h	29400	27300	25000	22200	17400	10400	7460	-	-	-	400	4
TURTLE A 8002U-4T4	m³/h	36900	33100	28800	-	-	-	-	-	-	-	400	4
TURTLE A 8001U-4T5,5	m³/h	36900	33900	30700	27300	22000	-	-	-	-	-	400	5,5
TURTLE A 8002U-4T5,5	m³/h	39400	36500	33300	28900	-	-	-	-	-	-	400	5,5
TURTLE A 8001U-4T7,5	m³/h	41300	39200	36600	32700	28000	-	-	-	-	-	400	7,5
TURTLE A 8001U-4T11	m³/h	44800	42300	39500	36000	31100	-	-	-	-	-	400	11
TURTLE A 9001U-4T4	m³/h	31900	30000	27800	25300	21700	15800	10900	-	-	-	400	4
TURTLE A 9002U-4T4	m³/h	38400	35400	31300	26000	-	-	-	-	-	-	400	4
TURTLE A 9001U-4T5,5	m³/h	37500	35400	33100	30300	24500	-	-	-	-	-	400	5,5
TURTLE A 9002U-4T5,5	m³/h	46100	42600	38400	33100	-	-	-	-	-	-	400	5,5
TURTLE A 9001U-4T7,5	m³/h	44900	42700	40100	37000	32600	26000	20200	8740	-	-	400	7,5
TURTLE A 9002U-4T7,5	m³/h	49400	46400	43100	39000	34200	-	-	-	-	-	400	7,5
TURTLE A 9003U-4T7,5	m³/h	51500	47800	43100	35000	-	-	-	-	-	-	400	7,5
TURTLE A 9001U-4T11	m³/h	55400	52300	48800	44500	38600	-	-	-	-	-	400	11
TURTLE A 9002U-4T11	m³/h	56700	53300	50000	46600	42300	-	-	-	-	-	400	11
TURTLE A 9001U-4T15	m³/h	62400	59300	55800	52100	47400	-	-	-	-	-	400	15
TURTLE A 10001U-4T5,5	m³/h	46700	42700	38600	33900	27700	20200	15400	8400	1990		400	5,5
TURTLE A 10001U-4T7,5	m³/h	55200	51100	46900	42000	35200	23600	18300	11700	5940	1620	400	7,5
TURTLE A 10001U-4T11	m³/h	53900	51600	49000	46000	42500	32000	25700	18700	14000	10800	400	11
TURTLE A 10002U-4T11	m³/h	63300	59600	55600	51000	44900	-	-	-	-	-	400	11
TURTLE A 10003U-4T11	m³/h	70600	65000	58300	50500	-	-	-	-	-	-	400	11
TURTLE A 10001U-4T15	m³/h	63300	60300	57200	54100	50100	45300	41600	32200	23800	19800	400	15
TURTLE A 10002U-4T15	m³/h	75400	70900	65800	60000	51100	-	-	-	-	-	400	15
TURTLE A 10001U-4T18,5	m³/h	59900	57800	55800	53400	50800	46500	44900	30300			400	18,5
TURTLE A 10002U-4T18,5	m³/h	77200	73700	69800	65700	61100	-	-	-	-	-	400	18,5
TURTLE A 10001U-4T22	m³/h	77400	74400	71100	67400	63100	57600	49800				400	22
TURTLE A 10001U-4T30	m³/h	83900	79900	75900	72000	66900	59200	-	-	-	-	400	30
TURTLE A 11201U-4T11	m³/h	69300	65300	60800	55800	49600	41300	36300	24000	14700	6660	400	11
TURTLE A 11201U-4T15	m³/h	81700	77700	73300	68200	62000	54400	-	-	-	-	400	15
TURTLE A 11201U-4T18,5	m³/h	85500	88800	83800	78800	73000	66000	61700				400	18,5
TURTLE A 11201U-4T22	m³/h	99200	94300	88800	82700	75700	-	-	-	-	-	400	22
TURTLE A 11201U-4T30	m³/h	107000	103000	99300	92500	85000	76400	-	-	-	-	400	30
TURTLE A 11201U-4T37	m³/h	115000	110000	106000	101000	95300	88400	83800	-	-	-	400	37
TURTLE A 12501U-4T15	m³/h	94600	89200	83600	77700	71200	63800	53200	30000	-	-	400	15
TURTLE A 12501U-4T18,5	m³/h	107000	99800	91700	82800	73200	60800	-	-	-	-	400	18,5
TURTLE A 12501U-4T22	m³/h	116000	107000	98400	88400	78000	63900	-	-	-	-	400	22
TURTLE A 12501U-4T30	m³/h	116000	112000	107000	103000	98400	93100	86800	68300	-	-	400	30
TURTLE A 12501U-4T37	m³/h	126000	121000	116000	112000	107000	101000	95100	74800	-	-	400	37
TURTLE A 12501U-4T45	m³/h	138000	133000	129000	124000	118000	112000	104000	-	-	-	400	45
TURTLE A 12501U-4T55	m³/h	153000	148000	142000	136000	129000	121000	110000	-	-	-	400	55

## RECTANGULAR WALL TYPES AXIAL FANS WITH METAL BLADES



- Electrostatic oven painted body on galvanized sheet
- Wings made of glass fiber composite materials
- Suitable for max. 40°C operation
- Square frame streamlining direct mounting on the wall
- Speed can be adjusted with a variable speed drive "optional" (Page 62)

MODEL	OWL RER CAPACITY TABLE (m³/h)-Pa					VOLTAGE	POWER
	Pa	0	50	100	150	V	W
OWL RER 250M	m³/h	1250	475	-	-	230	120
OWL RER 300M	m³/h	2050	1700	-	-	230	130
OWL RER 350M	m³/h	3200	2850	1750	-	230	155
OWL RER 400M	m³/h	4500	4100	3150	-	230	185
OWL RER 450M	m³/h	5550	4750	3600	-	230	210
OWL RER 500M	m³/h	6900	6400	5700	4000	230	225
OWL RER 600M	m³/h	8000	7500	6500	4000	230	250

## ROUND WALL TYPES AXIAL FANS WITH METAL BLADES



- Electrostatic oven painted body
- Metal propeller
- Suitable for wall mounting
- Speed can be adjusted with a variable speed drive "optional" (Page 62)

MODEL	OWL CER	VOLTAGE	POWER
	m³/h (Max)	V	W
OWL CER 20	340	230	40
OWL CER 25	670	230	40
OWL CER 30	1150	230	50
OWL CER 35	1900	230	65

## RECTANGULAR WALL TYPES AXIAL FANS WITH AEROFIL BLADES



- Electrostatic oven painted body on galvanized sheet
- Wings made of glass fiber composite materials
- Suitable for max. 40°C operation
- Square frame streamlining direct mounting on the wall
- Three-phase motors suitable to work with frequency inverters for the 400V products "optional" (Page 62)

MODEL	2 POLES OWL RWA CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	150	200	300	400	500	600	700	800	V	kW
OWL RWA 3151U-2T0,75	m³/h	5000	4500	4250	3920	3250	-	-	-	-	-	400	0,75
OWL RWA 3551U-2T0,75	m³/h	5430	5020	4810	4580	3980	3220	-	-	-	-	400	0,75
OWL RWA 3552U-2T0,75	m³/h	6250	5440	4930	4210	-	-	-	-	-	-	400	0,75
OWL RWA 3551U-2T1,1	m³/h	6780	6290	6000	5670	4920	4000	-	-	-	-	400	1,1
OWL RWA 3551U-2T1,5	m³/h	7380	6870	6560	6250	5500	4000	-	-	-	-	400	1,5
OWL RWA 4001U-2T0,75	m³/h	7050	6280	5910	5330	4120	-	-	-	-	-	400	0,75
OWL RWA 4001U-2T1,1	m³/h	8360	7520	7050	6510	5220	-	-	-	-	-	400	1,1
OWL RWA 4002U-2T1,1	m³/h	7820	7300	7040	6730	6070	5250	4000	-	-	-	400	1,1
OWL RWA 4001U-2T1,5	m³/h	9020	8330	7920	7450	6420	5230	-	-	-	-	400	1,5
OWL RWA 4001U-2T2,2	m³/h	10000	9500	9230	8920	8300	7550	6600	-	-	-	400	2,2
OWL RWA 4001U-2T3	m³/h	10800	10200	10000	9700	9080	8370	7300	-	-	-	400	3
OWL RWA 4501U-2T1,1	m³/h	8860	8280	7900	7600	6850	5870	4600	3080	-	-	400	1,1
OWL RWA 4501U-2T1,5	m³/h	10700	9900	9440	8980	7960	6650	-	-	-	-	400	1,5
OWL RWA 4501U-2T2,2	m³/h	11300	10800	10600	10300	9700	8970	8000	6580	-	-	400	2,2
OWL RWA 4502U-2T2,2	m³/h	13000	12000	11500	11000	9800	8500	-	-	-	-	400	2,2
OWL RWA 4501U-2T3	m³/h	13300	12600	12200	11800	10800	9700	8300	-	-	-	400	3
OWL RWA 4502U-2T4	m³/h	14100	13500	13100	12700	11800	10800	9460	-	-	-	400	4
OWL RWA 4501U-2T5,5	m³/h	16000	15400	15200	14800	14100	13300	12400	11100	-	-	400	5,5
OWL RWA 5001U-2T2,2	m³/h	12400	11700	11300	10800	10000	8800	7240	5350	3500	2000	400	2,2
OWL RWA 5002U-2T2,2	m³/h	15000	14000	13500	12900	11600	10200	8000	-	-	-	400	2,2
OWL RWA 5001U-2T3	m³/h	16100	15300	14800	14400	13400	12200	10800	8700	-	-	400	3
OWL RWA 5001U-2T4	m³/h	18000	17100	16600	16100	15000	13700	12200	10500	-	-	400	4
OWL RWA 5001U-2T5,5	m³/h	17200	16700	16500	16200	15700	15100	14400	13600	12500	-	400	5,5
OWL RWA5001U-2T7,5	m³/h	21400	20800	20400	20000	19300	18400	17500	16300	-	-	400	7,5



MODEL	2 POLES OWL RWA CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	400	600	800	1000	1200	1300	1500	V	kW
OWL RWA 5601U-2T2,2	m³/h	14800	13600	12300	9220	4500	-	-	-	-	-	400	2,2
OWL RWA 5601U-2T3	m³/h	16200	15300	14300	11900	8720	3950	-	-	-	-	400	3
OWL RWA 5601U-2T4	m³/h	19600	18500	17600	15200	11800	-	-	-	-	-	400	4
OWL RWA 5601U-2T5,5	m³/h	20600	20000	19400	18000	16200	13800	9500	5700	4200	-	400	5,5
OWL RWA 5601U-2T7,5	m³/h	23600	23000	22300	20900	19100	16700	-	-	-	-	400	7,5
OWL RWA 5602U-2T7,5	m³/h	25200	24200	23200	20900	18200	-	-	-	-	-	400	7,5
OWL RWA 5601U-2T11	m³/h	29700	28700	27900	26000	22400	-	-	-	-	-	400	11
OWL RWA 6301U-2T2,2	m³/h	18000	16500	14900	11200	6230	-	-	-	-	-	400	2,2
OWL RWA 6301U-2T4	m³/h	19700	18700	17800	15600	12900	9200	5710	-	-	-	400	4
OWL RWA 6301U-2T5,5	m³/h	25000	23800	22600	19700	15900	9980	4350	-	-	-	400	5,5
OWL RWA 6301U-2T7,5	m³/h	26700	25800	24900	23200	21200	18600	14900	10300	8100	-	400	7,5
OWL RWA 6301U-2T11	m³/h	30800	30100	29300	27500	25400	22900	18900	12500	10100	-	400	11
OWL RWA 6302U-2T11	m³/h	33200	32200	31400	29400	27100	24700	21400	-	-	-	400	11
OWL RWA 6303U-2T11	m³/h	34000	32700	31500	28800	25600	21100	-	-	-	-	400	11
OWL RWA 6301U-2T15	m³/h	37300	36400	35400	33300	30900	28000	24400	-	-	-	400	15
OWL RWA 7101U-2T7,5	m³/h	26900	26000	25000	22900	20500	17800	14100	11000	9700	7500	400	7,5
OWL RWA 7101U-2T11	m³/h	31700	30700	29800	27800	25400	22600	18900	14500	12800	9940	400	11
OWL RWA 7102U-2T11	m³/h	36700	35700	34700	32500	30100	27400	23500	18200	15500	12200	400	11
OWL RWA 7101U-2T15	m³/h	44200	43100	42100	39800	37200	34400	30900	-	-	-	400	15
OWL RWA 7101U-2T18,5	m³/h	48000	47000	45800	43400	40700	37500	33900	28900	-	-	400	18,5

MODEL	4 POLES OWL RWA CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	50	100	150	200	250	300	350	400	450	V	kW
OWL RWA 5001U-4T0,75	m³/h	10200	9410	8400	6820	-	-	-	-	-	-	400	0,75
OWL RWA 5001U-4T1,1	m³/h	10500	9940	9230	8300	-	-	-	-	-	-	400	1,1
OWL RWA 5601U-4T0,75	m³/h	10100	9510	8780	7850	6600	4340	2460	-	-	-	400	0,75
OWL RWA 5602U-4T0,75	m³/h	12500	11400	9960	8300	-	-	-	-	-	-	400	0,75
OWL RWA 5601U-4T1,1	m³/h	13300	12500	11700	10700	9290	-	-	-	-	-	400	1,1
OWL RWA 5602U-4T1,1	m³/h	13800	12900	11700	10300	-	-	-	-	-	-	400	1,1
OWL RWA 5601U-4T1,5	m³/h	14700	13900	13100	12100	10800	-	-	-	-	-	400	1,5
OWL RWA 6301U-4T1,1	m³/h	13100	12200	11300	10300	8700	6400	4300	2300	-	-	400	1,1
OWL RWA 6301U-4T1,5	m³/h	15700	15000	14100	13100	11800	10100	6950	4700	3000	1530	400	1,5
OWL RWA 6302U-4T1,5	m³/h	17700	16800	15700	14500	12900	10300	-	-	-	-	400	1,5
OWL RWA 6303U-4T1,5	m³/h	18300	17100	15900	14300	12100	-	-	-	-	-	400	1,5
OWL RWA 6301U-4T2,2	m³/h	20400	19400	18400	17300	15800	13700	-	-	-	-	400	2,2
OWL RWA 6301U-4T3	m³/h	22100	21300	20500	19000	17700	16100	-	-	-	-	400	3
OWL RWA 7101U-4T1,5	m³/h	19100	18000	16900	15500	14100	11900	8370	6450	5100	4200	400	1,5
OWL RWA 7101U-4T2,2	m³/h	24100	22900	21500	20200	18400	16100	-	-	-	-	400	2,2
OWL RWA 7101U-4T3	m³/h	27600	26200	24600	23000	21100	18200	-	-	-	-	400	3
OWL RWA 7102U-4T3	m³/h	25900	25000	24000	22800	21400	19700	17700	15400	-	-	400	3
OWL RWA 7103U-4T3	m³/h	27900	26200	24400	22500	20200	-	-	-	-	-	400	3
OWL RWA 7101U-4T4	m³/h	31200	30000	28800	27200	25200	22700	20400	18000	-	-	400	4

MODEL	4 POLES OWL RWA CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	300	400	500	600	800	1000	1200	V	kW
OWL RWA 8001U-4T2,2	m³/h	25000	22400	19000	13100	7770	4900	-	-	-	-	400	2,2
OWL RWA 8001U-4T3	m³/h	26500	24400	22100	18900	13200	8200	4640	-	-	-	400	3
OWL RWA 8002U-4T3	m³/h	30600	27600	23900	18400	-	-	-	-	-	-	400	3
OWL RWA 8001U-4T4	m³/h	29400	27300	25000	22200	17400	10400	7460	-	-	-	400	4
OWL RWA 8002U-4T4	m³/h	36900	33100	28800	-	-	-	-	-	-	-	400	4
OWL RWA 8001U-4T5,5	m³/h	36900	33900	30700	27300	22000	-	-	-	-	-	400	5,5
OWL RWA 8002U-4T5,5	m³/h	39400	36500	33300	28900	-	-	-	-	-	-	400	5,5
OWL RWA 8001U-4T7,5	m³/h	41300	39200	36600	32700	28000	-	-	-	-	-	400	7,5
OWL RWA 8001U-4T11	m³/h	44800	42300	39500	36000	31100	-	-	-	-	-	400	11
OWL RWA 9001U-4T4	m³/h	31900	30000	27800	25300	21700	15800	10900	-	-	-	400	4
OWL RWA 9002U-4T4	m³/h	38400	35400	31300	26000	-	-	-	-	-	-	400	4
OWL RWA 9001U-4T5,5	m³/h	37500	35400	33100	30300	24500	-	-	-	-	-	400	5,5
OWL RWA 9002U-4T5,5	m³/h	46100	42600	38400	33100	-	-	-	-	-	-	400	5,5
OWL RWA 9001U-4T7,5	m³/h	44900	42700	40100	37000	32600	26000	20200	8740	-	-	400	7,5
OWL RWA 9002U-4T7,5	m³/h	49400	46400	43100	39000	34200	-	-	-	-	-	400	7,5
OWL RWA 9003U-4T7,5	m³/h	51500	47800	43100	35000	-	-	-	-	-	-	400	7,5
OWL RWA 9001U-4T11	m³/h	55400	52300	48800	44500	38600	-	-	-	-	-	400	11
OWL RWA 9002U-4T11	m³/h	56700	53300	50000	46600	42300	-	-	-	-	-	400	11
OWL RWA 9001U-4T15	m³/h	62400	59300	55800	52100	47400	-	-	-	-	-	400	15
OWL RWA 10001U-4T5,5	m³/h	46700	42700	38600	33900	27700	20200	15400	8400	1990	-	400	5,5
OWL RWA 10001U-4T7,5	m³/h	55200	51100	46900	42000	35200	23600	18300	11700	5940	1620	400	7,5
OWL RWA 10001U-4T11	m³/h	53900	51600	49000	46000	42500	32000	25700	18700	14000	10800	400	11
OWL RWA 10002U-4T11	m³/h	63300	59600	55600	51000	44900	-	-	-	-	-	400	11
OWL RWA 10003U-4T11	m³/h	70600	65000	58300	50500	-	-	-	-	-	-	400	11
OWL RWA 10001U-4T15	m³/h	63300	60300	57200	54100	50100	45300	41600	32200	23800	19800	400	15
OWL RWA 10002U-4T15	m³/h	75400	70900	65800	60000	51100	-	-	-	-	-	400	15
OWL RWA 10001U-4T18,5	m³/h	59900	57800	55800	53400	50800	46500	44900	30300	-	-	400	18,5
OWL RWA 10002U-4T18,5	m³/h	77200	73700	69800	65700	61100	-	-	-	-	-	400	18,5
OWL RWA 10001U-4T22	m³/h	77400	74400	71100	67400	63100	57600	49800	-	-	-	400	22
OWL RWA 10001U-4T30	m³/h	83900	79900	75900	72000	66900	59200	-	-	-	-	400	30
OWL RWA 11201U-4T11	m³/h	69300	65300	60800	55800	49600	41300	36300	24000	14700	6660	400	11
OWL RWA 11201U-4T15	m³/h	81700	77700	73300	68200	62000	54400	-	-	-	-	400	15
OWL RWA 11201U-4T18,5	m³/h	85500	88800	83800	78800	73000	66000	61700	-	-	-	400	18,5
OWL RWA 11201U-4T22	m³/h	99200	94300	88800	82700	75700	-	-	-	-	-	400	22
OWL RWA 11201U-4T30	m³/h	107000	103000	99300	92500	85000	76400	-	-	-	-	400	30
OWL RWA 11201U-4T37	m³/h	115000	110000	106000	101000	95300	88400	83800	-	-	-	400	37
OWL RWA 12501U-4T15	m³/h	94600	89200	83600	77700	71200	63800	53200	30000	-	-	400	15
OWL RWA 12501U-4T18,5	m³/h	107000	99800	91700	82800	73200	60800	-	-	-	-	400	18,5
OWL RWA 12501U-4T22	m³/h	116000	107000	98400	88400	78000	63900	-	-	-	-	400	22
OWL RWA 12501U-4T30	m³/h	116000	112000	107000	103000	98400	93100	86800	68300	-	-	400	30
OWL RWA 12501U-4T37	m³/h	126000	121000	116000	112000	107000	101000	95100	74800	-	-	400	37
OWL RWA 12501U-4T45	m³/h	138000	133000	129000	124000	118000	112000	104000	-	-	-	400	45
OWL RWA 12501U-4T55	m³/h	153000	148000	142000	136000	129000	121000	110000	-	-	-	400	55

## ROUND WALL TYPES AXIAL FANS WITH AEROFIL BLADES



- Electrostatic oven painted body on galvanized sheet
- Wings made of glass fiber composite materials
- Suitable for max. 40°C operation
- Square frame streamlining direct mounting on the wall
- Three-phase motors suitable to work with frequency inverters for the 400V products "optional" (Page 62)

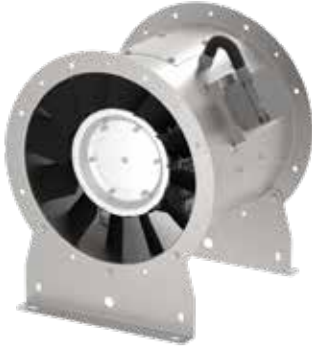
MODEL	2 POLES OWL CWA CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	150	200	300	400	500	600	700	800	V	kW
OWL CWA 3151U-2T0,75	m³/h	5000	4500	4250	3920	3250	-	-	-	-	-	400	0,75
OWL CWA 3551U-2T0,75	m³/h	5430	5020	4810	4580	3980	3220	-	-	-	-	400	0,75
OWL CWA 3552U-2T0,75	m³/h	6250	5440	4930	4210	-	-	-	-	-	-	400	0,75
OWL CWA 3551U-2T1,1	m³/h	6780	6290	6000	5670	4920	4000	-	-	-	-	400	1,1
OWL CWA 3551U-2T1,5	m³/h	7380	6870	6560	6250	5500	4000	-	-	-	-	400	1,5
OWL CWA 4001U-2T0,75	m³/h	7050	6280	5910	5330	4120	-	-	-	-	-	400	0,75
OWL CWA 4001U-2T1,1	m³/h	8360	7520	7050	6510	5220	-	-	-	-	-	400	1,1
OWL CWA 4002U-2T1,1	m³/h	7820	7300	7040	6730	6070	5250	4000	-	-	-	400	1,1
OWL CWA 4001U-2T1,5	m³/h	9020	8330	7920	7450	6420	5230	-	-	-	-	400	1,5
OWL CWA 4001U-2T2,2	m³/h	10000	9500	9230	8920	8300	7550	6600	-	-	-	400	2,2
OWL CWA 4001U-2T3	m³/h	10800	10200	10000	9700	9080	8370	7300	-	-	-	400	3
OWL CWA 4501U-2T1,1	m³/h	8860	8280	7900	7600	6850	5870	4600	3080	-	-	400	1,1
OWL CWA 4501U-2T1,5	m³/h	10700	9900	9440	8980	7960	6650	-	-	-	-	400	1,5
OWL CWA 4501U-2T2,2	m³/h	11300	10800	10600	10300	9700	8970	8000	6580	-	-	400	2,2
OWL CWA 4502U-2T2,2	m³/h	13000	12000	11500	11000	9800	8500	-	-	-	-	400	2,2
OWL CWA 4501U-2T3	m³/h	13300	12600	12200	11800	10800	9700	8300	-	-	-	400	3
OWL CWA 4502U-2T4	m³/h	14100	13500	13100	12700	11800	10800	9460	-	-	-	400	4
OWL CWA 4501U-2T5,5	m³/h	16000	15400	15200	14800	14100	13300	12400	11100	-	-	400	5,5
OWL CWA 5001U-2T2,2	m³/h	12400	11700	11300	10800	10000	8800	7240	5350	3500	2000	400	2,2
OWL CWA 5002U-2T2,2	m³/h	15000	14000	13500	12900	11600	10200	8000	-	-	-	400	2,2
OWL CWA 5001U-2T3	m³/h	16100	15300	14800	14400	13400	12200	10800	8700	-	-	400	3
OWL CWA 5001U-2T4	m³/h	18000	17100	16600	16100	15000	13700	12200	10500	-	-	400	4
OWL CWA 5001U-2T5,5	m³/h	17200	16700	16500	16200	15700	15100	14400	13600	12500	-	400	5,5
OWL CWA 5001U-2T7,5	m³/h	21400	20800	20400	20000	19300	18400	17500	16300	-	-	400	7,5

MODEL	2 POLES OWL CWA CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	400	600	800	1000	1200	1300	1500	V	kW
OWL CWA 5601U-2T2,2	m³/h	14800	13600	12300	9220	4500	-	-	-	-	-	400	2,2
OWL CWA 5601U-2T3	m³/h	16200	15300	14300	11900	8720	3950	-	-	-	-	400	3
OWL CWA 5601U-2T4	m³/h	19600	18500	17600	15200	11800	-	-	-	-	-	400	4
OWL CWA 5601U-2T5,5	m³/h	20600	20000	19400	18000	16200	13800	9500	5700	4200	-	400	5,5
OWL CWA 5601U-2T7,5	m³/h	23600	23000	22300	20900	19100	16700	-	-	-	-	400	7,5
OWL CWA 5602U-2T7,5	m³/h	25200	24200	23200	20900	18200	-	-	-	-	-	400	7,5
OWL CWA 5601U-2T11	m³/h	29700	28700	27900	26000	22400	-	-	-	-	-	400	11
OWL CWA 6301U-2T2,2	m³/h	18000	16500	14900	11200	6230	-	-	-	-	-	400	2,2
OWL CWA 6301U-2T4	m³/h	19700	18700	17800	15600	12900	9200	5710	-	-	-	400	4
OWL CWA 6301U-2T5,5	m³/h	25000	23800	22600	19700	15900	9980	4350	-	-	-	400	5,5
OWL CWA 6301U-2T7,5	m³/h	26700	25800	24900	23200	21200	18600	14900	10300	8100	-	400	7,5
OWL CWA 6301U-2T11	m³/h	30800	30100	29300	27500	25400	22900	18900	12500	10100	-	400	11
OWL CWA 6302U-2T11	m³/h	33200	32200	31400	29400	27100	24700	21400	-	-	-	400	11
OWL CWA 6303U-2T11	m³/h	34000	32700	31500	28800	25600	21100	-	-	-	-	400	11
OWL CWA 6301U-2T15	m³/h	37300	36400	35400	33300	30900	28000	24400	-	-	-	400	15
OWL CWA 7101U-2T7,5	m³/h	26900	26000	25000	22900	20500	17800	14100	11000	9700	7500	400	7,5
OWL CWA 7101U-2T11	m³/h	31700	30700	29800	27800	25400	22600	18900	14500	12800	9940	400	11
OWL CWA 7102U-2T11	m³/h	36700	35700	34700	32500	30100	27400	23500	18200	15500	12200	400	11
OWL CWA 7101U-2T15	m³/h	44200	43100	42100	39800	37200	34400	30900	-	-	-	400	15
OWL CWA 7101U-2T18,5	m³/h	48000	47000	45800	43400	40700	37500	33900	28900	-	-	400	18,5

MODEL	4 POLES OWL CWA CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	50	100	150	200	250	300	350	400	450	V	kW
OWL CWA 5001U-4T0,75	m³/h	10200	9410	8400	6820	-	-	-	-	-	-	400	0,75
OWL CWA 5001U-4T1,1	m³/h	10500	9940	9230	8300	-	-	-	-	-	-	400	1,1
OWL CWA 5601U-4T0,75	m³/h	10100	9510	8780	7850	6600	4340	2460	-	-	-	400	0,75
OWL CWA 5602U-4T0,75	m³/h	12500	11400	9960	8300	-	-	-	-	-	-	400	0,75
OWL CWA 5601U-4T1,1	m³/h	13300	12500	11700	10700	9290	-	-	-	-	-	400	1,1
OWL CWA 5602U-4T1,1	m³/h	13800	12900	11700	10300	-	-	-	-	-	-	400	1,1
OWL CWA 5601U-4T1,5	m³/h	14700	13900	13100	12100	10800	-	-	-	-	-	400	1,5
OWL CWA 6301U-4T1,1	m³/h	13100	12200	11300	10300	8700	6400	4300	2300	-	-	400	1,1
OWL CWA 6301U-4T1,5	m³/h	15700	15000	14100	13100	11800	10100	6950	4700	3000	1530	400	1,5
OWL CWA 6302U-4T1,5	m³/h	17700	16800	15700	14500	12900	10300	-	-	-	-	400	1,5
OWL CWA 6303U-4T1,5	m³/h	18300	17100	15900	14300	12100	-	-	-	-	-	400	1,5
OWL CWA 6301U-4T2,2	m³/h	20400	19400	18400	17300	15800	13700	-	-	-	-	400	2,2
OWL CWA 6301U-4T3	m³/h	22100	21300	20500	19000	17700	16100	-	-	-	-	400	3
OWL CWA 7101U-4T1,5	m³/h	19100	18000	16900	15500	14100	11900	8370	6450	5100	4200	400	1,5
OWL CWA 7101U-4T2,2	m³/h	24100	22900	21500	20200	18400	16100	-	-	-	-	400	2,2
OWL CWA 7101U-4T3	m³/h	27600	26200	24600	23000	21100	18200	-	-	-	-	400	3
OWL CWA 7102U-4T3	m³/h	25900	25000	24000	22800	21400	19700	17700	15400	-	-	400	3
OWL CWA 7103U-4T3	m³/h	27900	26200	24400	22500	20200	-	-	-	-	-	400	3
OWL CWA 7101U-4T4	m³/h	31200	30000	28800	27200	25200	22700	20400	18000	-	-	400	4

MODEL	4 POLES OWL CWA CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	300	400	500	600	800	1000	1200	V	kW
OWL CWA 8001U-4T2,2	m³/h	25000	22400	19000	13100	7770	4900	-	-	-	-	400	2,2
OWL CWA 8001U-4T3	m³/h	26500	24400	22100	18900	13200	8200	4640	-	-	-	400	3
OWL CWA 8002U-4T3	m³/h	30600	27600	23900	18400	-	-	-	-	-	-	400	3
OWL CWA 8001U-4T4	m³/h	29400	27300	25000	22200	17400	10400	7460	-	-	-	400	4
OWL CWA 8002U-4T4	m³/h	36900	33100	28800	-	-	-	-	-	-	-	400	4
OWL CWA 8001U-4T5,5	m³/h	36900	33900	30700	27300	22000	-	-	-	-	-	400	5,5
OWL CWA 8002U-4T5,5	m³/h	39400	36500	33300	28900	-	-	-	-	-	-	400	5,5
OWL CWA 8001U-4T7,5	m³/h	41300	39200	36600	32700	28000	-	-	-	-	-	400	7,5
OWL CWA 8001U-4T11	m³/h	44800	42300	39500	36000	31100	-	-	-	-	-	400	11
OWL CWA 9001U-4T4	m³/h	31900	30000	27800	25300	21700	15800	10900	-	-	-	400	4
OWL CWA 9002U-4T4	m³/h	38400	35400	31300	26000	-	-	-	-	-	-	400	4
OWL CWA 9001U-4T5,5	m³/h	37500	35400	33100	30300	24500	-	-	-	-	-	400	5,5
OWL CWA 9002U-4T5,5	m³/h	46100	42600	38400	33100	-	-	-	-	-	-	400	5,5
OWL CWA 9001U-4T7,5	m³/h	44900	42700	40100	37000	32600	26000	20200	8740	-	-	400	7,5
OWL CWA 9002U-4T7,5	m³/h	49400	46400	43100	39000	34200	-	-	-	-	-	400	7,5
OWL CWA 9003U-4T7,5	m³/h	51500	47800	43100	35000	-	-	-	-	-	-	400	7,5
OWL CWA 9001U-4T11	m³/h	55400	52300	48800	44500	38600	-	-	-	-	-	400	11
OWL CWA 9002U-4T11	m³/h	56700	53300	50000	46600	42300	-	-	-	-	-	400	11
OWL CWA 9001U-4T15	m³/h	62400	59300	55800	52100	47400	-	-	-	-	-	400	15
OWL CWA 10001U-4T5,5	m³/h	46700	42700	38600	33900	27700	20200	15400	8400	1990	-	400	5,5
OWL CWA 10001U-4T7,5	m³/h	55200	51100	46900	42000	35200	23600	18300	11700	5940	1620	400	7,5
OWL CWA 10001U-4T11	m³/h	53900	51600	49000	46000	42500	32000	25700	18700	14000	10800	400	11
OWL CWA 10002U-4T11	m³/h	63300	59600	55600	51000	44900	-	-	-	-	-	400	11
OWL CWA 10003U-4T11	m³/h	70600	65000	58300	50500	-	-	-	-	-	-	400	11
OWL CWA 10001U-4T15	m³/h	63300	60300	57200	54100	50100	45300	41600	32200	23800	19800	400	15
OWL CWA 10002U-4T15	m³/h	75400	70900	65800	60000	51100	-	-	-	-	-	400	15
OWL CWA 10001U-4T18,5	m³/h	59900	57800	55800	53400	50800	46500	44900	30300	-	-	400	18,5
OWL CWA 10002U-4T18,5	m³/h	77200	73700	69800	65700	61100	-	-	-	-	-	400	18,5
OWL CWA 10001U-4T22	m³/h	77400	74400	71100	67400	63100	57600	49800	-	-	-	400	22
OWL CWA 10001U-4T30	m³/h	83900	79900	75900	72000	66900	59200	-	-	-	-	400	30
OWL CWA 11201U-4T11	m³/h	69300	65300	60800	55800	49600	41300	36300	24000	14700	6660	400	11
OWL CWA 11201U-4T15	m³/h	81700	77700	73300	68200	62000	54400	-	-	-	-	400	15
OWL CWA 11201U-4T18,5	m³/h	85500	88800	83800	78800	73000	66000	61700	-	-	-	400	18,5
OWL CWA 11201U-4T22	m³/h	99200	94300	88800	82700	75700	-	-	-	-	-	400	22
OWL CWA 11201U-4T30	m³/h	107000	103000	99300	92500	85000	76400	-	-	-	-	400	30
OWL CWA 11201U-4T37	m³/h	115000	110000	106000	101000	95300	88400	83800	-	-	-	400	37
OWL CWA 12501U-4T15	m³/h	94600	89200	83600	77700	71200	63800	53200	30000	-	-	400	15
OWL CWA 12501U-4T18,5	m³/h	107000	99800	91700	82800	73200	60800	-	-	-	-	400	18,5
OWL CWA 12501U-4T22	m³/h	116000	107000	98400	88400	78000	63900	-	-	-	-	400	22
OWL CWA 12501U-4T30	m³/h	116000	112000	107000	103000	98400	93100	86800	68300	-	-	400	30
OWL CWA 12501U-4T37	m³/h	126000	121000	116000	112000	107000	101000	95100	74800	-	-	400	37
OWL CWA 12501U-4T45	m³/h	138000	133000	129000	124000	118000	112000	104000	-	-	-	400	45
OWL CWA 12501U-4T55	m³/h	153000	148000	142000	136000	129000	121000	110000	-	-	-	400	55

AXIAL TUBE FANS



- Body is electrostatic powder painted for resistance to corrosion, optional hot dip galvanized
- Double speed engine option,
- Adjustable wing angle
- Wings made of glass fiber composite materials
- Suitable for horizontal and vertical mounting
- It can be used for fresh air supply or air exhaust up to 50°C.
- Three-phase motors suitable to work with frequency inverters for the 400 V products "optional" (Page 62)

MODEL	2 POLES MARLIN CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	150	200	300	400	500	600	700	800	V	kW
MARLIN 315TA1U-2T0,75	m³/h	5000	4500	4250	3920	3250	-	-	-	-	-	400	0,75
MARLIN 355TA1U-2T0,75	m³/h	5430	5020	4810	4580	3980	3220	-	-	-	-	400	0,75
MARLIN 355TA2U-2T0,75	m³/h	6250	5440	4930	4210	-	-	-	-	-	-	400	0,75
MARLIN 355TA1U-2T1,1	m³/h	6780	6290	6000	5670	4920	4000	-	-	-	-	400	1,1
MARLIN 355TA1U-2T1,5	m³/h	7380	6870	6560	6250	5500	4000	-	-	-	-	400	1,5
MARLIN 400TA1U-2T0,75	m³/h	7050	6280	5910	5330	4120	-	-	-	-	-	400	0,75
MARLIN 400TA1U-2T1,1	m³/h	8360	7520	7050	6510	5220	-	-	-	-	-	400	1,1
MARLIN 400TA2U-2T1,1	m³/h	7820	7300	7040	6730	6070	5250	4000	-	-	-	400	1,1
MARLIN 400TA1U-2T1,5	m³/h	9020	8330	7920	7450	6420	5230	-	-	-	-	400	1,5
MARLIN 400TA1U-2T2,2	m³/h	10000	9500	9230	8920	8300	7550	6600	-	-	-	400	2,2
MARLIN 400TA1U-2T3	m³/h	10800	10200	10000	9700	9080	8370	7300	-	-	-	400	3
MARLIN 450TA1U-2T1,1	m³/h	8860	8280	7900	7600	6850	5870	4600	3080	-	-	400	1,1
MARLIN 450TA1U-2T1,5	m³/h	10700	9900	9440	8980	7960	6650	-	-	-	-	400	1,5
MARLIN 450TA1U-2T2,2	m³/h	11300	10800	10600	10300	9700	8970	8000	6580	-	-	400	2,2
MARLIN 450TA2U-2T2,2	m³/h	13000	12000	11500	11000	9800	8500	-	-	-	-	400	2,2
MARLIN 450TA1U-2T3	m³/h	13300	12600	12200	11800	10800	9700	8300	-	-	-	400	3
MARLIN 450TA1U-2T4	m³/h	14100	13500	13100	12700	11800	10800	9460	-	-	-	400	4
MARLIN 450TA1U-2T5,5	m³/h	16000	15400	15200	14800	14100	13300	12400	11100	-	-	400	5,5
MARLIN 500TA1U-2T2,2	m³/h	12400	11700	11300	10800	10000	8800	7240	5350	3500	2000	400	2,2
MARLIN 500TA2U-2T2,2	m³/h	15000	14000	13500	12900	11600	10200	8000	-	-	-	400	2,2
MARLIN 500TA1U-2T3	m³/h	16100	15300	14800	14400	13400	12200	10800	8700	-	-	400	3
MARLIN 500TA1U-2T4	m³/h	18000	17100	16600	16100	15000	13700	12200	10500	-	-	400	4
MARLIN 500TA1U-2T5,5	m³/h	17200	16700	16500	16200	15700	15100	14400	13600	12500	-	400	5,5
MARLIN 500TA1U-2T7,5	m³/h	21400	20800	20400	20000	19300	18400	17500	16300	-	-	400	7,5



MODEL	2 POLES MARLIN CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	400	600	800	1000	1200	1300	1500	V	kW
MARLIN 560TA1U-2T2,2	m³/h	14800	13600	12300	9220	4500	-	-	-	-	-	400	2,2
MARLIN 560TA1U-2T3	m³/h	16200	15300	14300	11900	8720	3950	-	-	-	-	400	3
MARLIN 560TA1U-2T4	m³/h	19600	18500	17600	15200	11800	-	-	-	-	-	400	4
MARLIN 560TA1U-2T5,5	m³/h	20600	20000	19400	18000	16200	13800	9500	5700	4200	-	400	5,5
MARLIN 560TA1U-2T7,5	m³/h	23600	23000	22300	20900	19100	16700	-	-	-	-	400	7,5
MARLIN 560TA2U-2T7,5	m³/h	25200	24200	23200	20900	18200	-	-	-	-	-	400	7,5
MARLIN 560TA1U-2T11	m³/h	29700	28700	27900	26000	22400	-	-	-	-	-	400	11
MARLIN 630TA1U-2T2,2	m³/h	18000	16500	14900	11200	6230	-	-	-	-	-	400	2,2
MARLIN 630TA1U-2T4	m³/h	19700	18700	17800	15600	12900	9200	5710	-	-	-	400	4
MARLIN 630TA1U-2T5,5	m³/h	25000	23800	22600	19700	15900	9980	4350	-	-	-	400	5,5
MARLIN 630TA1U-2T7,5	m³/h	26700	25800	24900	23200	21200	18600	14900	10300	8100	-	400	7,5
MARLIN 630TA1U-2T11	m³/h	30800	30100	29300	27500	25400	22900	18900	12500	10100	-	400	11
MARLIN 630TA2U-2T11	m³/h	33200	32200	31400	29400	27100	24700	21400	-	-	-	400	11
MARLIN 630TA3U-2T11	m³/h	34000	32700	31500	28800	25600	21100	-	-	-	-	400	11
MARLIN 630TA1U-2T15	m³/h	37300	36400	35400	33300	30900	28000	24400	-	-	-	400	15
MARLIN 710TA1U-2T7,5	m³/h	26900	26000	25000	22900	20500	17800	14100	11000	9700	7500	400	7,5
MARLIN 710TA1U-2T11	m³/h	31700	30700	29800	27800	25400	22600	18900	14500	12800	9940	400	11
MARLIN 710TA2U-2T11	m³/h	36700	35700	34700	32500	30100	27400	23500	18200	15500	12200	400	11
MARLIN 710TA1U-2T15	m³/h	44200	43100	42100	39800	37200	34400	30900	-	-	-	400	15
MARLIN 710TA1U-2T18,5	m³/h	48000	47000	45800	43400	40700	37500	33900	28900	-	-	400	18,5

MODEL	4 POLES MARLIN CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	50	100	150	200	250	300	350	400	450	V	kW
MARLIN 500TA1U-4T0,75	m³/h	10200	9410	8400	6820	-	-	-	-	-	-	400	0,75
MARLIN 500TA1U-4T1,1	m³/h	10500	9940	9230	8300	-	-	-	-	-	-	400	1,1
MARLIN 560TA1U-4T0,75	m³/h	10100	9510	8780	7850	6600	4340	2460	-	-	-	400	0,75
MARLIN 560TA2U-4T0,75	m³/h	12500	11400	9960	8300	-	-	-	-	-	-	400	0,75
MARLIN 560TA1U-4T1,1	m³/h	13300	12500	11700	10700	9290	-	-	-	-	-	400	1,1
MARLIN 560TA2U-4T1,1	m³/h	13800	12900	11700	10300	-	-	-	-	-	-	400	1,1
MARLIN 560TA1U-4T1,5	m³/h	14700	13900	13100	12100	10800	-	-	-	-	-	400	1,5
MARLIN 630TA1U-4T1,1	m³/h	13100	12200	11300	10300	8700	6400	4300	2300	-	-	400	1,1
MARLIN 630TA1U-4T1,5	m³/h	15700	15000	14100	13100	11800	10100	6950	4700	3000	1530	400	1,5
MARLIN 630TA2U-4T1,5	m³/h	17700	16800	15700	14500	12900	10300	-	-	-	-	400	1,5
MARLIN 630TA3U-4T1,5	m³/h	18300	17100	15900	14300	12100	-	-	-	-	-	400	1,5
MARLIN 630TA1U-4T2,2	m³/h	20400	19400	18400	17300	15800	13700	-	-	-	-	400	2,2
MARLIN 630TA1U-4T3	m³/h	22100	21300	20500	19000	17700	16100	-	-	-	-	400	3
MARLIN 710TA1U-4T1,5	m³/h	19100	18000	16900	15500	14100	11900	8370	6450	5100	4200	400	1,5
MARLIN 710TA1U-4T2,2	m³/h	24100	22900	21500	20200	18400	16100	-	-	-	-	400	2,2
MARLIN 710TA1U-4T3	m³/h	27600	26200	24600	23000	21100	18200	-	-	-	-	400	3
MARLIN 710TA2U-4T3	m³/h	25900	25000	24000	22800	21400	19700	17700	15400	-	-	400	3
MARLIN 710TA3U-4T3	m³/h	27900	26200	24400	22500	20200	-	-	-	-	-	400	3
MARLIN 710TA1U-4T4	m³/h	31200	30000	28800	27200	25200	22700	20400	18000	-	-	400	4

MODEL	4 POLES MARLIN CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	300	400	500	600	800	1000	1200	V	kW
MARLIN 800TA1U-4T2,2	m³/h	25000	22400	19000	13100	7770	4900	-	-	-	-	400	2,2
MARLIN 800TA1U-4T3	m³/h	26500	24400	22100	18900	13200	8200	4640	-	-	-	400	3
MARLIN 800TA2U-4T3	m³/h	30600	27600	23900	18400	-	-	-	-	-	-	400	3
MARLIN 800TA1U-4T4	m³/h	29400	27300	25000	22200	17400	10400	7460	-	-	-	400	4
MARLIN 800TA2U-4T4	m³/h	36900	33100	28800	-	-	-	-	-	-	-	400	4
MARLIN 800TA1U-4T5,5	m³/h	36900	33900	30700	27300	22000	-	-	-	-	-	400	5,5
MARLIN 800TA2U-4T5,5	m³/h	39400	36500	33300	28900	-	-	-	-	-	-	400	5,5
MARLIN 800TA1U-4T7,5	m³/h	41300	39200	36600	32700	28000	-	-	-	-	-	400	7,5
MARLIN 800TA1U-4T11	m³/h	44800	42300	39500	36000	31100	-	-	-	-	-	400	11
MARLIN 900TA1U-4T4	m³/h	31900	30000	27800	25300	21700	15800	10900	-	-	-	400	4
MARLIN 900TA2U-4T4	m³/h	38400	35400	31300	26000	-	-	-	-	-	-	400	4
MARLIN 900TA1U-4T5,5	m³/h	37500	35400	33100	30300	24500	-	-	-	-	-	400	5,5
MARLIN 900TA2U-4T5,5	m³/h	46100	42600	38400	33100	-	-	-	-	-	-	400	5,5
MARLIN 900TA1U-4T7,5	m³/h	44900	42700	40100	37000	32600	26000	20200	8740	-	-	400	7,5
MARLIN 900TA2U-4T7,5	m³/h	49400	46400	43100	39000	34200	-	-	-	-	-	400	7,5
MARLIN 900TA3U-4T7,5	m³/h	51500	47800	43100	35000	-	-	-	-	-	-	400	7,5
MARLIN 900TA1U-4T11	m³/h	55400	52300	48800	44500	38600	-	-	-	-	-	400	11
MARLIN 900TA2U-4T11	m³/h	56700	53300	50000	46600	42300	-	-	-	-	-	400	11
MARLIN 900TA1U-4T15	m³/h	62400	59300	55800	52100	47400	-	-	-	-	-	400	15
MARLIN 1000TA1U-4T5,5	m³/h	46700	42700	38600	33900	27700	20200	15400	8400	1990	-	400	5,5
MARLIN 1000TA1U-4T7,5	m³/h	55200	51100	46900	42000	35200	23600	18300	11700	5940	1620	400	7,5
MARLIN 1000TA1U-4T11	m³/h	53900	51600	49000	46000	42500	32000	25700	18700	14000	10800	400	11
MARLIN 1000TA2U-4T11	m³/h	63300	59600	55600	51000	44900	-	-	-	-	-	400	11
MARLIN 1000TA3U-4T11	m³/h	70600	65000	58300	50500	-	-	-	-	-	-	400	11
MARLIN 1000TA1U-4T15	m³/h	63300	60300	57200	54100	50100	45300	41600	32200	23800	19800	400	15
MARLIN 1000TA2U-4T15	m³/h	75400	70900	65800	60000	51100	-	-	-	-	-	400	15
MARLIN 1000TA1U-4T18,5	m³/h	59900	57800	55800	53400	50800	46500	44900	30300	-	-	400	18,5
MARLIN 1000TA2U-4T18,5	m³/h	77200	73700	69800	65700	61100	-	-	-	-	-	400	18,5
MARLIN 1000TA1U-4T22	m³/h	77400	74400	71100	67400	63100	57600	49800	-	-	-	400	22
MARLIN 1000TA1U-4T30	m³/h	83900	79900	75900	72000	66900	59200	-	-	-	-	400	30
MARLIN 1120TA1U-4T11	m³/h	69300	65300	60800	55800	49600	41300	36300	24000	14700	6660	400	11
MARLIN 1120TA1U-4T15	m³/h	81700	77700	73300	68200	62000	54400	-	-	-	-	400	15
MARLIN 1120TA1U-4T18,5	m³/h	85500	88800	83800	78800	73000	66000	61700	-	-	-	400	18,5
MARLIN 1120TA1U-4T22	m³/h	99200	94300	88800	82700	75700	-	-	-	-	-	400	22
MARLIN 1120TA1U-4T30	m³/h	107000	103000	99300	92500	85000	76400	-	-	-	-	400	30
MARLIN 1120TA1U-4T37	m³/h	115000	110000	106000	101000	95300	88400	83800	-	-	-	400	37
MARLIN 1250TA1U-4T15	m³/h	94600	89200	83600	77700	71200	63800	53200	30000	-	-	400	15
MARLIN 1250TA1U-4T18,5	m³/h	107000	99800	91700	82800	73200	60800	-	-	-	-	400	18,5
MARLIN 1250TA1U-4T22	m³/h	116000	107000	98400	88400	78000	63900	-	-	-	-	400	22
MARLIN 1250TA1U-4T30	m³/h	116000	112000	107000	103000	98400	93100	86800	68300	-	-	400	30
MARLIN 1250TA1U-4T37	m³/h	126000	121000	116000	112000	107000	101000	95100	74800	-	-	400	37
MARLIN 1250TA1U-4T45	m³/h	138000	133000	129000	124000	118000	112000	104000	-	-	-	400	45
MARLIN 1250TA1U-4T55	m³/h	153000	148000	142000	136000	129000	121000	110000	-	-	-	400	55



SMOKE AND HEAT EXTRACT TUBE FANS



- Body is electrostatic powder painted for resistance to corrosion, optional hot dip galvanized
- Double speed engine option,
- Adjustable wing angle
- Wings made of glass fiber composite materials
- Suitable for horizontal and vertical mounting
- It can be used for fresh air supply or air exhaust up to 50°C.
- Resistant to 300 degrees for 2 hours according to EN 12101-3 (N° 2184-CPR-0031)
- Three-phase motors suitable to work with frequency inverters for the 400 V products "optional" (Page 62)

MODEL	2 POLES DRAGONFLY T CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	150	200	300	400	500	600	700	800	V	kW
DF315F3-TAA1U-2T0,75	m³/h	5000	4500	4250	3920	3250	-	-	-	-	-	400	0,75
DF355F3-TAA1U-2T0,75	m³/h	5430	5020	4810	4580	3980	3220	-	-	-	-	400	0,75
DF355F3-TAA2U-2T0,75	m³/h	6250	5440	4930	4210	-	-	-	-	-	-	400	0,75
DF355F3-TAA1U-2T1,1	m³/h	6780	6290	6000	5670	4920	4000	-	-	-	-	400	1,1
DF355F3-TAA1U-2T1,5	m³/h	7380	6870	6560	6250	5500	4000	-	-	-	-	400	1,5
DF400F3-TAA1U-2T0,75	m³/h	7050	6280	5910	5330	4120	-	-	-	-	-	400	0,75
DF400F3-TAA1U-2T1,1	m³/h	8360	7520	7050	6510	5220	-	-	-	-	-	400	1,1
DF400F3-TAA2U-2T1,1	m³/h	7820	7300	7040	6730	6070	5250	4000	-	-	-	400	1,1
DF400F3-TAA1U-2T1,5	m³/h	9020	8330	7920	7450	6420	5230	-	-	-	-	400	1,5
DF400F3-TAA1U-2T2,2	m³/h	10000	9500	9230	8920	8300	7550	6600	-	-	-	400	2,2
DF400F3-TAA1U-2T3	m³/h	10800	10200	10000	9700	9080	8370	7300	-	-	-	400	3
DF450F3-TAA1U-2T1,1	m³/h	8860	8280	7900	7600	6850	5870	4600	3080	-	-	400	1,1
DF450F3-TAA1U-2T1,5	m³/h	10700	9900	9440	8980	7960	6650	-	-	-	-	400	1,5
DF450F3-TAA1U-2T2,2	m³/h	11300	10800	10600	10300	9700	8970	8000	6580	-	-	400	2,2
DF450F3-TAA2U-2T2,2	m³/h	13000	12000	11500	11000	9800	8500	-	-	-	-	400	2,2
DF450F3-TAA1U-2T3	m³/h	13300	12600	12200	11800	10800	9700	8300	-	-	-	400	3
DF450F3-TAA2U-2T4	m³/h	14100	13500	13100	12700	11800	10800	9460	-	-	-	400	4
DF450F3-TAA1U-2T5,5	m³/h	16000	15400	15200	14800	14100	13300	12400	11100	-	-	400	5,5
DF500F3-TAA1U-2T2,2	m³/h	12400	11700	11300	10800	10000	8800	7240	5350	3500	2000	400	2,2
DF500F3-TAA2U-2T2,2	m³/h	15000	14000	13500	12900	11600	10200	8000	-	-	-	400	2,2
DF500F3-TAA1U-2T3	m³/h	16100	15300	14800	14400	13400	12200	10800	8700	-	-	400	3
DF500F3-TAA1U-2T4	m³/h	18000	17100	16600	16100	15000	13700	12200	10500	-	-	400	4
DF500F3-TAA1U-2T5,5	m³/h	17200	16700	16500	16200	15700	15100	14400	13600	12500	-	400	5,5
DF500F3-TAA1U-2T7,5	m³/h	21400	20800	20400	20000	19300	18400	17500	16300	-	-	400	7,5



MODEL	2 POLES DRAGONFLY T CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	400	600	800	1000	1200	1300	1500	V	kW
DF560F3-TAA1U-2T2,2	m³/h	14800	13600	12300	9220	4500	-	-	-	-	-	400	2,2
DF560F3-TAA1U-2T3	m³/h	16200	15300	14300	11900	8720	3950	-	-	-	-	400	3
DF560F3-TAA1U-2T4	m³/h	19600	18500	17600	15200	11800	-	-	-	-	-	400	4
DF560F3-TAA1U-2T5,5	m³/h	20600	20000	19400	18000	16200	13800	9500	5700	4200	-	400	5,5
DF560F3-TAA1U-2T7,5	m³/h	23600	23000	22300	20900	19100	16700	-	-	-	-	400	7,5
DF560F3-TAA2U-2T7,5	m³/h	25200	24200	23200	20900	18200	-	-	-	-	-	400	7,5
DF560F3-TAA1U-2T11	m³/h	29700	28700	27900	26000	22400	-	-	-	-	-	400	11
DF630F3-TAA1U-2T2,2	m³/h	18000	16500	14900	11200	6230	-	-	-	-	-	400	2,2
DF630F3-TAA1U-2T4	m³/h	19700	18700	17800	15600	12900	9200	5710	-	-	-	400	4
DF630F3-TAA1U-2T5,5	m³/h	25000	23800	22600	19700	15900	9980	4350	-	-	-	400	5,5
DF630F3-TAA1U-2T7,5	m³/h	26700	25800	24900	23200	21200	18600	14900	10300	8100	-	400	7,5
DF630F3-TAA1U-2T11	m³/h	30800	30100	29300	27500	25400	22900	18900	12500	10100	-	400	11
DF630F3-TAA2U-2T11	m³/h	33200	32200	31400	29400	27100	24700	21400	-	-	-	400	11
DF630F3-TAA3U-2T11	m³/h	34000	32700	31500	28800	25600	21100	-	-	-	-	400	11
DF630F3-TAA1U-2T15	m³/h	37300	36400	35400	33300	30900	28000	24400	-	-	-	400	15
DF710F3-TAA1U-2T7,5	m³/h	26900	26000	25000	22900	20500	17800	14100	11000	9700	7500	400	7,5
DF710F3-TAA1U-2T11	m³/h	31700	30700	29800	27800	25400	22600	18900	14500	12800	9940	400	11
DF710F3-TAA2U-2T11	m³/h	36700	35700	34700	32500	30100	27400	23500	18200	15500	12200	400	11
DF710F3-TAA1U-2T15	m³/h	44200	43100	42100	39800	37200	34400	30900	-	-	-	400	15
DF710F3-TAA1U-2T18,5	m³/h	48000	47000	45800	43400	40700	37500	33900	28900	-	-	400	18,5

MODEL	4 POLES DRAGONFLY T CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	50	100	150	200	250	300	350	400	450	V	kW
DF500F3-TAA1U-4T0,75	m³/h	10200	9410	8400	6820	-	-	-	-	-	-	400	0,75
DF500F3-TAA1U-4T1,1	m³/h	10500	9940	9230	8300	-	-	-	-	-	-	400	1,1
DF560F3-TAA1U-4T0,75	m³/h	10100	9510	8780	7850	6600	4340	2460	-	-	-	400	0,75
DF560F3-TAA2U-4T0,75	m³/h	12500	11400	9960	8300	-	-	-	-	-	-	400	0,75
DF560F3-TAA1U-4T1,1	m³/h	13300	12500	11700	10700	9290	-	-	-	-	-	400	1,1
DF560F3-TAA2U-4T1,1	m³/h	13800	12900	11700	10300	-	-	-	-	-	-	400	1,1
DF560F3-TAA1U-4T1,5	m³/h	14700	13900	13100	12100	10800	-	-	-	-	-	400	1,5
DF630F3-TAA1U-4T1,1	m³/h	13100	12200	11300	10300	8700	6400	4300	2300	-	-	400	1,1
DF630F3-TAA1U-4T1,5	m³/h	15700	15000	14100	13100	11800	10100	6950	4700	3000	1530	400	1,5
DF630F3-TAA2U-4T1,5	m³/h	17700	16800	15700	14500	12900	10300	-	-	-	-	400	1,5
DF630F3-TAA3U-4T1,5	m³/h	18300	17100	15900	14300	12100	-	-	-	-	-	400	1,5
DF630F3-TAA1U-4T2,2	m³/h	20400	19400	18400	17300	15800	13700	-	-	-	-	400	2,2
DF630F3-TAA1U-4T3	m³/h	22100	21300	20500	19000	17700	16100	-	-	-	-	400	3
DF710F3-TAA1U-4T1,5	m³/h	19100	18000	16900	15500	14100	11900	8370	6450	5100	4200	400	1,5
DF710F3-TAA1U-4T2,2	m³/h	24100	22900	21500	20200	18400	16100	-	-	-	-	400	2,2
DF710F3-TAA1U-4T3	m³/h	27600	26200	24600	23000	21100	18200	-	-	-	-	400	3
DF710F3-TAA2U-4T3	m³/h	25900	25000	24000	22800	21400	19700	17700	15400	-	-	400	3
DF710F3-TAA3U-4T3	m³/h	27900	26200	24400	22500	20200	-	-	-	-	-	400	3
DF710F3-TAA1U-4T4	m³/h	31200	30000	28800	27200	25200	22700	20400	18000	-	-	400	4

MODEL	4 POLES DRAGONFLY T CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	300	400	500	600	800	1000	1200	V	kW
DF800F3-TAA1U-4T2,2	m³/h	25000	22400	19000	13100	7770	4900	-	-	-	-	400	2,2
DF800F3-TAA1U-4T3	m³/h	26500	24400	22100	18900	13200	8200	4640	-	-	-	400	3
DF800F3-TAA2U-4T3	m³/h	30600	27600	23900	18400	-	-	-	-	-	-	400	3
DF800F3-TAA1U-4T4	m³/h	29400	27300	25000	22200	17400	10400	7460	-	-	-	400	4
DF800F3-TAA2U-4T4	m³/h	36900	33100	28800	-	-	-	-	-	-	-	400	4
DF800F3-TAA1U-4T5,5	m³/h	36900	33900	30700	27300	22000	-	-	-	-	-	400	5,5
DF800F3-TAA2U-4T5,5	m³/h	39400	36500	33300	28900	-	-	-	-	-	-	400	5,5
DF800F3-TAA1U-4T7,5	m³/h	41300	39200	36600	32700	28000	-	-	-	-	-	400	7,5
DF800F3-TAA1U-4T11	m³/h	44800	42300	39500	36000	31100	-	-	-	-	-	400	11
DF900F3-TAA1U-4T4	m³/h	31900	30000	27800	25300	21700	15800	10900	-	-	-	400	4
DF900F3-TAA2U-4T4	m³/h	38400	35400	31300	26000	-	-	-	-	-	-	400	4
DF900F3-TAA1U-4T5,5	m³/h	37500	35400	33100	30300	24500	-	-	-	-	-	400	5,5
DF900F3-TAA2U-4T5,5	m³/h	46100	42600	38400	33100	-	-	-	-	-	-	400	5,5
DF900F3-TAA1U-4T7,5	m³/h	44900	42700	40100	37000	32600	26000	20200	8740	-	-	400	7,5
DF900F3-TAA2U-4T7,5	m³/h	49400	46400	43100	39000	34200	-	-	-	-	-	400	7,5
DF900F3-TAA3U-4T7,5	m³/h	51500	47800	43100	35000	-	-	-	-	-	-	400	7,5
DF900F3-TAA1U-4T11	m³/h	55400	52300	48800	44500	38600	-	-	-	-	-	400	11
DF900F3-TAA2U-4T11	m³/h	56700	53300	50000	46600	42300	-	-	-	-	-	400	11
DF900F3-TAA1U-4T15	m³/h	62400	59300	55800	52100	47400	-	-	-	-	-	400	15
DF1000F3-TAA1U-4T5,5	m³/h	46700	42700	38600	33900	27700	20200	15400	8400	1990	-	400	5,5
DF1000F3-TAA1U-4T7,5	m³/h	55200	51100	46900	42000	35200	23600	18300	11700	5940	1620	400	7,5
DF1000F3-TAA1U-4T11	m³/h	53900	51600	49000	46000	42500	32000	25700	18700	14000	10800	400	11
DF1000F3-TAA2U-4T11	m³/h	63300	59600	55600	51000	44900	-	-	-	-	-	400	11
DF1000F3-TAA3U-4T11	m³/h	70600	65000	58300	50500	-	-	-	-	-	-	400	11
DF1000F3-TAA1U-4T15	m³/h	63300	60300	57200	54100	50100	45300	41600	32200	23800	19800	400	15
DF1000F3-TAA2U-4T15	m³/h	75400	70900	65800	60000	51100	-	-	-	-	-	400	15
DF1000F3-TAA1U-4T18,5	m³/h	59900	57800	55800	53400	50800	46500	44900	30300	-	-	400	18,5
DF1000F3-TAA2U-4T18,5	m³/h	77200	73700	69800	65700	61100	-	-	-	-	-	400	18,5
DF1000F3-TAA1U-4T22	m³/h	77400	74400	71100	67400	63100	57600	49800	-	-	-	400	22
DF1000F3-TAA11U-4T30	m³/h	83900	79900	75900	72000	66900	59200	-	-	-	-	400	30
DF1120F3-TAA1U-4T11	m³/h	69300	65300	60800	55800	49600	41300	36300	24000	14700	6660	400	11
DF1120F3-TAA1U-4T15	m³/h	81700	77700	73300	68200	62000	54400	-	-	-	-	400	15
DF1120F3-TAA1U-4T18,5	m³/h	85500	88800	83800	78800	73000	66000	61700	-	-	-	400	18,5
DF1120F3-TAA1U-4T22	m³/h	99200	94300	88800	82700	75700	-	-	-	-	-	400	22
DF1120F3-TAA1U-4T30	m³/h	107000	103000	99300	92500	85000	76400	-	-	-	-	400	30
DF1120F3-TAA1U-4T37	m³/h	115000	110000	106000	101000	95300	88400	83800	-	-	-	400	37
DF1250F3-TAA1U-4T15	m³/h	94600	89200	83600	77700	71200	63800	53200	30000	-	-	400	15
DF1250F3-TAA1U-4T18,5	m³/h	107000	99800	91700	82800	73200	60800	-	-	-	-	400	18,5
DF1250F3-TAA1U-4T22	m³/h	116000	107000	98400	88400	78000	63900	-	-	-	-	400	22
DF1250F3-TAA1U-4T30	m³/h	116000	112000	107000	103000	98400	93100	86800	68300	-	-	400	30
DF1250F3-TAA1U-4T37	m³/h	126000	121000	116000	112000	107000	101000	95100	74800	-	-	400	37
DF1250F3-TAA1U-4T45	m³/h	138000	133000	129000	124000	118000	112000	104000	-	-	-	400	45
DF1250F3-TAA1U-4T55	m³/h	153000	148000	142000	136000	129000	121000	110000	-	-	-	400	55



## SMOKE AND HEAT EXTRACT ROOF FANS



- Body is electrostatic powder painted for resistance to corrosion, optional hot dip galvanized
- Double speed engine option,
- Adjustable wing angle
- Wings made of glass fiber composite materials
- Suitable for horizontal and vertical mounting
- It can be used for fresh air supply or air exhaust up to 50°C.
- Three-phase motors suitable to work with frequency inverters for the 400 V products "optional" (Page 62)
- Resistant to 300 degrees for 2 hours according to EN 12101-3 (N° 2184-CPR-0031)

MODEL	2 POLES DRAGONFLY R CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	150	200	300	400	500	600	700	800	V	kW
DF315F3-RAA1U-2T0,75	m³/h	4750	4275	4038	3724	3088	-	-	-	-	-	400	0,75
DF355F3-RAA1U-2T0,75	m³/h	5159	4769	4570	4351	3781	3059	-	-	-	-	400	0,75
DF355F3-RAA2U-2T0,75	m³/h	5938	5168	4684	4000	0	-	-	-	-	-	400	0,75
DF355F3-RAA1U-2T1,1	m³/h	6441	5976	5700	5387	4674	3800	-	-	-	-	400	1,1
DF355F3-RAA1U-2T1,5	m³/h	7011	6527	6232	5938	5225	3800	-	-	-	-	400	1,5
DF400F3-RAA1U-2T0,75	m³/h	6698	5966	5615	5064	3914	-	-	-	-	-	400	0,75
DF400F3-RAA1U-2T1,1	m³/h	7942	7144	6698	6185	4959	-	-	-	-	-	400	1,1
DF400F3-RAA2U-2T1,1	m³/h	7429	6935	6688	6394	5767	4988	3800	-	-	-	400	1,1
DF400F3-RAA1U-2T1,5	m³/h	8569	7914	7524	7078	6099	4969	-	-	-	-	400	1,5
DF400F3-RAA1U-2T2,2	m³/h	9500	9025	8769	8474	7885	7173	6270	-	-	-	400	2,2
DF400F3-RAA1U-2T3	m³/h	10260	9690	9500	9215	8626	7952	6935	-	-	-	400	3
DF450F3-RAA1U-2T1,1	m³/h	8417	7866	7505	7220	6508	5577	4370	2926	-	-	400	1,1
DF450F3-RAA1U-2T1,5	m³/h	10165	9405	8968	8531	7562	6318	-	-	-	-	400	1,5
DF450F3-RAA1U-2T2,2	m³/h	10735	10260	10070	9785	9215	8522	7600	6251	-	-	400	2,2
DF450F3-RAA2U-2T2,2	m³/h	12350	11400	10925	10450	9310	8075	-	-	-	-	400	2,2
DF450F3-RAA1U-2T3	m³/h	12635	11970	11590	11210	10260	9215	7885	-	-	-	400	3
DF450F3-RAA2U-2T4	m³/h	13395	12825	12445	12065	11210	10260	8987	-	-	-	400	4
DF450F3-RAA1U-2T5,5	m³/h	15200	14630	14440	14060	13395	12635	11780	10545	-	-	400	5,5
DF500F3-RAA1U-2T2,2	m³/h	11780	11115	10735	10260	9500	8360	6878	5083	3325	1900	400	2,2
DF500F3-RAA2U-2T2,2	m³/h	14250	13300	12825	12255	11020	9690	7600	-	-	-	400	2,2
DF500F3-RAA1U-2T3	m³/h	15295	14535	14060	13680	12730	11590	10260	8265	-	-	400	3
DF500F3-RAA1U-2T4	m³/h	17100	16245	15770	15295	14250	13015	11590	9975	-	-	400	4
DF500F3-RAA1U-2T5,5	m³/h	16340	15865	15675	15390	14915	14345	13680	12920	11875	-	400	5,5
DF500F3-RAA1U-2T7,5	m³/h	20330	19760	19380	19000	18335	17480	16625	15485	-	-	400	7,5

MODEL	2 POLES DRAGONFLY R CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	400	600	800	1000	1200	1300	1500	V	kW
DF560F3-RAA1U-2T2,2	m³/h	14060	12920	11685	8759	4275	-	-	-	-	-	400	2,2
DF560F3-RAA1U-2T3	m³/h	15390	14535	13585	11305	8284	3752,5	-	-	-	-	400	3
DF560F3-RAA1U-2T4	m³/h	18620	17575	16720	14440	11210	0	-	-	-	-	400	4
DF560F3-RAA1U-2T5,5	m³/h	19570	19000	18430	17100	15390	13110	9025	5415	3990	-	400	5,5
DF560F3-RAA1U-2T7,5	m³/h	22420	21850	21185	19855	18145	15865	-	-	-	-	400	7,5
DF560F3-RAA2U-2T7,5	m³/h	23940	22990	22040	19855	17290	-	-	-	-	-	400	7,5
DF560F3-RAA1U-2T11	m³/h	28215	27265	26505	24700	21280	-	-	-	-	-	400	11
DF630F3-RAA1U-2T2,2	m³/h	17100	15675	14155	10640	5918,5	-	-	-	-	-	400	2,2
DF630F3-RAA1U-2T4	m³/h	18715	17765	16910	14820	12255	8740	5424,5	-	-	-	400	4
DF630F3-RAA1U-2T5,5	m³/h	23750	22610	21470	18715	15105	9481	4132,5	-	-	-	400	5,5
DF630F3-RAA1U-2T7,5	m³/h	25365	24510	23655	22040	20140	17670	14155	9785	7695	-	400	7,5
DF630F3-RAA1U-2T11	m³/h	29260	28595	27835	26125	24130	21755	17955	11875	9595	-	400	11
DF630F3-RAA2U-2T11	m³/h	31540	30590	29830	27930	25745	23465	20330	-	-	-	400	11
DF630F3-RAA3U-2T11	m³/h	32300	31065	29925	27360	24320	20045	-	-	-	-	400	11
DF630F3-RAA1U-2T15	m³/h	35435	34580	33630	31635	29355	26600	23180	-	-	-	400	15
DF710F3-RAA1U-2T7,5	m³/h	25555	24700	23750	21755	19475	16910	13395	10450	9215	7125	400	7,5
DF710F3-RAA1U-2T11	m³/h	30115	29165	28310	26410	24130	21470	17955	13775	12160	9443	400	11
DF710F3-RAA2U-2T11	m³/h	34865	33915	32965	30875	28595	26030	22325	17290	14725	11590	400	11
DF710F3-RAA1U-2T15	m³/h	41990	40945	39995	37810	35340	32680	29355	-	-	-	400	15
DF710F3-RAA1U-2T18,5	m³/h	45600	44650	43510	41230	38665	35625	32205	27455	-	-	400	18,5

MODEL	4 POLES DRAGONFLY R CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	50	100	150	200	250	300	350	400	450	V	kW
DF500F3-RAA1U-4T0,75	m³/h	9690	8939,5	7980	6479	-	-	-	-	-	-	400	0,75
DF500F3-RAA1U-4T1,1	m³/h	9975	9443	8768,5	7885	-	-	-	-	-	-	400	1,1
DF560F3-RAA1U-4T0,75	m³/h	9595	9034,5	8341	7457,5	6270	4123	2337	-	-	-	400	0,75
DF560F3-RAA2U-4T0,75	m³/h	11875	10830	9462	7885	-	-	-	-	-	-	400	0,75
DF560F3-RAA1U-4T1,1	m³/h	12635	11875	11115	10165	8825,5	-	-	-	-	-	400	1,1
DF560F3-RAA2U-4T1,1	m³/h	13110	12255	11115	9785	-	-	-	-	-	-	400	1,1
DF560F3-RAA1U-4T1,5	m³/h	13965	13205	12445	11495	10260	-	-	-	-	-	400	1,5
DF630F3-RAA1U-4T1,1	m³/h	12445	11590	10735	9785	8265	6080	4085	2185	-	-	400	1,1
DF630F3-RAA1U-4T1,5	m³/h	14915	14250	13395	12445	11210	9595	6602,5	4465	2850	1453,5	400	1,5
DF630F3-RAA2U-4T1,5	m³/h	16815	15960	14915	13775	12255	9785	-	-	-	-	400	1,5
DF630F3-RAA3U-4T1,5	m³/h	17385	16245	15105	13585	11495	-	-	-	-	-	400	1,5
DF630F3-RAA1U-4T2,2	m³/h	19380	18430	17480	16435	15010	13015	-	-	-	-	400	2,2
DF630F3-RAA1U-4T3	m³/h	20995	20235	19475	18050	16815	15295	-	-	-	-	400	3
DF710F3-RAA1U-4T1,5	m³/h	18145	17100	16055	14725	13395	11305	7951,5	6127,5	4845	3990	400	1,5
DF710F3-RAA1U-4T2,2	m³/h	22895	21755	20425	19190	17480	15295	-	-	-	-	400	2,2
DF710F3-RAA1U-4T3	m³/h	26220	24890	23370	21850	20045	17290	-	-	-	-	400	3
DF710F3-RAA2U-4T3	m³/h	24605	23750	22800	21660	20330	18715	16815	14630	-	-	400	3
DF710F3-RAA3U-4T3	m³/h	26505	24890	23180	21375	19190	-	-	-	-	-	400	3
DF710F3-RAA1U-4T4	m³/h	29640	28500	27360	25840	23940	21565	19380	17100	-	-	400	4

MODEL	4 POLES DRAGONFLY R CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	300	400	500	600	800	1000	1200	V	kW
DF800F3-RAA1U-4T2,2	m³/h	23750	21280	18050	12445	7381,5	4655	-	-	-	-	400	2,2
DF800F3-RAA1U-4T3	m³/h	25175	23180	20995	17955	12540	7790	4408	-	-	-	400	3
DF800F3-RAA2U-4T3	m³/h	29070	26220	22705	17480	-	-	-	-	-	-	400	3
DF800F3-RAA1U-4T4	m³/h	27930	25935	23750	21090	16530	9880	7087	-	-	-	400	4
DF800F3-RAA2U-4T4	m³/h	35055	31445	27360	-	-	-	-	-	-	-	400	4
DF800F3-RAA1U-4T5,5	m³/h	35055	32205	29165	25935	20900	-	-	-	-	-	400	5,5
DF800F3-RAA2U-4T5,5	m³/h	37430	34675	31635	27455	-	-	-	-	-	-	400	5,5
DF800F3-RAA1U-4T7,5	m³/h	39235	37240	34770	31065	26600	-	-	-	-	-	400	7,5
DF800F3-RAA1U-4T11	m³/h	42560	40185	37525	34200	29545	-	-	-	-	-	400	11
DF900F3-RAA1U-4T4	m³/h	30305	28500	26410	24035	20615	15010	10355	-	-	-	400	4
DF900F3-RAA2U-4T4	m³/h	36480	33630	29735	24700	-	-	-	-	-	-	400	4
DF900F3-RAA1U-4T5,5	m³/h	35625	33630	31445	28785	23275	-	-	-	-	-	400	5,5
DF900F3-RAA2U-4T5,5	m³/h	43795	40470	36480	31445	-	-	-	-	-	-	400	5,5
DF900F3-RAA1U-4T7,5	m³/h	42655	40565	38095	35150	30970	24700	19190	8303	-	-	400	7,5
DF900F3-RAA2U-4T7,5	m³/h	46930	44080	40945	37050	32490	-	-	-	-	-	400	7,5
DF900F3-RAA3U-4T7,5	m³/h	48925	45410	40945	33250	-	-	-	-	-	-	400	7,5
DF900F3-RAA1U-4T11	m³/h	52630	49685	46360	42275	36670	-	-	-	-	-	400	11
DF900F3-RAA2U-4T11	m³/h	53865	50635	47500	44270	40185	-	-	-	-	-	400	11
DF900F3-RAA1U-4T15	m³/h	59280	56335	53010	49495	45030	-	-	-	-	-	400	15
DF1000F3-RAA1U-4T5,5	m³/h	43605	40090	36670	32775	27835	21660	16055	8958,5	-	-	400	5,5
DF1000F3-RAA1U-4T7,5	m³/h	51965	48545	45030	41135	35815	26410	18430	-	-	-	400	7,5
DF1000F3-RAA1U-4T11	m³/h	50540	48735	46645	44270	39995	33250	27550	19095	14535	-	400	11
DF1000F3-RAA2U-4T11	m³/h	60230	57190	53865	50255	45885	40755	-	-	-	-	400	11
DF1000F3-RAA3U-4T11	m³/h	66880	62225	57000	50825	-	-	-	-	-	-	400	11
DF1000F3-RAA1U-4T15	m³/h	59660	57190	54815	52155	48925	45315	39900	26790	20045	15770	400	15
DF1000F3-RAA2U-4T15	m³/h	69920	66500	62700	58710	53960	48070	-	-	-	-	400	15
DF1000F3-RAA1U-4T18,5	m³/h	66785	64030	61275	58330	55005	51205	45885	-	-	-	400	18,5
DF1000F3-RAA2U-4T18,5	m³/h	76000	72295	68400	63650	58140	-	-	-	-	-	400	18,5
DF1000F3-RAA1U-4T22	m³/h	72960	70205	67545	64220	60705	57000	51680	44460	-	-	400	22
DF1000F3-RAA11U-4T30	m³/h	82080	78565	75335	71915	67640	61750	-	-	-	-	400	30

SMOKE AND HEAT EXTRACT CABINET FANS



- Body is electrostatic powder painted for resistance to corrosion, optional hot dip galvanized
- Double speed engine option
- Adjustable wing angle
- Wings made of glass fiber composite materials
- Suitable for horizontal and vertical mounting
- It can be used for fresh air supply or air exhaust up to 50°C
- Three-phase motors suitable to work with frequency inverters for the 400 V products "optional" (Page 62)
- Resistant to 300 degrees for 2 hours according to EN 12101-3 (N° 2184-CPR-0031)

MODEL	2 POLES DRAGONFLY C CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	150	200	300	400	500	600	700	800	V	kW
DF400F3-CAA1U-2T0,75	m³/h	7050	6280	5910	5330	4120	-	-	-	-	-	400	0,75
DF400F3-CAA1U-2T1,1	m³/h	8360	7520	7050	6510	5220	-	-	-	-	-	400	1,1
DF400F3-CAA2U-2T1,1	m³/h	7820	7300	7040	6730	6070	5250	4000	-	-	-	400	1,1
DF400F3-CAA1U-2T1,5	m³/h	9020	8330	7920	7450	6420	5230	-	-	-	-	400	1,5
DF400F3-CAA1U-2T2,2	m³/h	10000	9500	9230	8920	8300	7550	6600	-	-	-	400	2,2
DF400F3-CAA1U-2T3	m³/h	10800	10200	10000	9700	9080	8370	7300	-	-	-	400	3
DF450F3-CAA1U-2T1,1	m³/h	8860	8280	7900	7600	6850	5870	4600	3080	-	-	400	1,1
DF450F3-CAA1U-2T1,5	m³/h	10700	9900	9440	8980	7960	6650	-	-	-	-	400	1,5
DF450F3-CAA1U-2T2,2	m³/h	11300	10800	10600	10300	9700	8970	8000	6580	-	-	400	2,2
DF450F3-CAA2U-2T2,2	m³/h	13000	12000	11500	11000	9800	8500	-	-	-	-	400	2,2
DF450F3-CAA1U-2T3	m³/h	13300	12600	12200	11800	10800	9700	8300	-	-	-	400	3
DF450F3-CAA2U-2T4	m³/h	14100	13500	13100	12700	11800	10800	9460	-	-	-	400	4
DF450F3-CAA1U-2T5,5	m³/h	16000	15400	15200	14800	14100	13300	12400	11100	-	-	400	5,5
DF500F3-CAA1U-2T2,2	m³/h	12400	11700	11300	10800	10000	8800	7240	5350	3500	2000	400	2,2
DF500F3-CAA2U-2T2,2	m³/h	15000	14000	13500	12900	11600	10200	8000	-	-	-	400	2,2
DF500F3-CAA1U-2T3	m³/h	16100	15300	14800	14400	13400	12200	10800	8700	-	-	400	3
DF500F3-CRAA1U-2T4	m³/h	18000	17100	16600	16100	15000	13700	12200	10500	-	-	400	4
DF500F3-CAA1U-2T5,5	m³/h	17200	16700	16500	16200	15700	15100	14400	13600	12500	-	400	5,5
DF500F3-CAA1U-2T7,5	m³/h	21400	20800	20400	20000	19300	18400	17500	16300	-	-	400	7,5

MODEL	2 POLES DRAGONFLY C CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	400	600	800	1000	1200	1300	1500	V	kW
DF560F3-CAA1U-2T2,2	m³/h	14800	13600	12300	9220	4500	-	-	-	-	-	400	2,2
DF560F3-CAA1U-2T3	m³/h	16200	15300	14300	11900	8720	3950	-	-	-	-	400	3
DF560F3-CAA1U-2T4	m³/h	19600	18500	17600	15200	11800	-	-	-	-	-	400	4
DF560F3-CAA1U-2T5,5	m³/h	20600	20000	19400	18000	16200	13800	9500	5700	4200	-	400	5,5
DF560F3-CAA1U-2T7,5	m³/h	23600	23000	22300	20900	19100	16700	-	-	-	-	400	7,5
DF560F3-CAA2U-2T7,5	m³/h	25200	24200	23200	20900	18200	-	-	-	-	-	400	7,5
DF560F3-CAA1U-2T11	m³/h	29700	28700	27900	26000	22400	-	-	-	-	-	400	11
DF630F3-CAA1U-2T2,2	m³/h	18000	16500	14900	11200	6230	-	-	-	-	-	400	2,2
DF630F3-CAA1U-2T4	m³/h	19700	18700	17800	15600	12900	9200	5710	-	-	-	400	4
DF630F3-CAA1U-2T5,5	m³/h	25000	23800	22600	19700	15900	9980	4350	-	-	-	400	5,5
DF630F3-CAA1U-2T7,5	m³/h	26700	25800	24900	23200	21200	18600	14900	10300	8100	-	400	7,5
DF630F3-CAA1U-2T11	m³/h	30800	30100	29300	27500	25400	22900	18900	12500	10100	-	400	11
DF630F3-CAA2U-2T11	m³/h	33200	32200	31400	29400	27100	24700	21400	-	-	-	400	11
DF630F3-CAA3U-2T11	m³/h	34000	32700	31500	28800	25600	21100	-	-	-	-	400	11
DF630F3-CAA1U-2T15	m³/h	37300	36400	35400	33300	30900	28000	24400	-	-	-	400	15
DF710F3-CAA1U-2T7,5	m³/h	26900	26000	25000	22900	20500	17800	14100	11000	9700	7500	400	7,5
DF710F3-CAA1U-2T11	m³/h	31700	30700	29800	27800	25400	22600	18900	14500	12800	9940	400	11
DF710F3-CAA2U-2T11	m³/h	36700	35700	34700	32500	30100	27400	23500	18200	15500	12200	400	11
DF710F3-CAA1U-2T15	m³/h	44200	43100	42100	39800	37200	34400	30900	-	-	-	400	15
DF710F3-CAA1U-2T18,5	m³/h	48000	47000	45800	43400	40700	37500	33900	28900	-	-	400	18,5

MODEL	4 POLES DRAGONFLY C CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	50	100	150	200	250	300	350	400	450	V	kW
DF500F3-CAA1U-4T0,75	m³/h	10200	9410	8400	6820	-	-	-	-	-	-	400	0,75
DF500F3-CAA1U-4T1,1	m³/h	10500	9940	9230	8300	-	-	-	-	-	-	400	1,1
DF560F3-CAA1U-4T0,75	m³/h	10100	9510	8780	7850	6600	4340	2460	-	-	-	400	0,75
DF560F3-CAA2U-4T0,75	m³/h	12500	11400	9960	8300	-	-	-	-	-	-	400	0,75
DF560F3-CAA1U-4T1,1	m³/h	13300	12500	11700	10700	9290	-	-	-	-	-	400	1,1
DF560F3-CAA2U-4T1,1	m³/h	13800	12900	11700	10300	-	-	-	-	-	-	400	1,1
DF560F3-CAA1U-4T1,5	m³/h	14700	13900	13100	12100	10800	-	-	-	-	-	400	1,5
DF630F3-CAA1U-4T1,1	m³/h	13100	12200	11300	10300	8700	6400	4300	2300	-	-	400	1,1
DF630F3-CAA1U-4T1,5	m³/h	15700	15000	14100	13100	11800	10100	6950	4700	3000	1530	400	1,5
DF630F3-CAA2U-4T1,5	m³/h	17700	16800	15700	14500	12900	10300	-	-	-	-	400	1,5
DF630F3-CAA3U-4T1,5	m³/h	18300	17100	15900	14300	12100	-	-	-	-	-	400	1,5
DF630F3-CAA1U-4T2,2	m³/h	20400	19400	18400	17300	15800	13700	-	-	-	-	400	2,2
DF630F3-CAA1U-4T3	m³/h	22100	21300	20500	19000	17700	16100	-	-	-	-	400	3
DF710F3-CAA1U-4T1,5	m³/h	19100	18000	16900	15500	14100	11900	8370	6450	5100	4200	400	1,5
DF710F3-CAA1U-4T2,2	m³/h	24100	22900	21500	20200	18400	16100	-	-	-	-	400	2,2
DF710F3-CAA1U-4T3	m³/h	27600	26200	24600	23000	21100	18200	-	-	-	-	400	3
DF710F3-CAA2U-4T3	m³/h	25900	25000	24000	22800	21400	19700	17700	15400	-	-	400	3
DF710F3-CAA3U-4T3	m³/h	27900	26200	24400	22500	20200	-	-	-	-	-	400	3
DF710F3-CAA1U-4T4	m³/h	31200	30000	28800	27200	25200	22700	20400	18000	-	-	400	4

## SMOKE AND HEAT EXTRACT FAN

MODEL	4 POLES DRAGONFLY C CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	200	300	400	500	600	800	1000	1200	V	kW
DF800F3-CAA1U-4T2,2	m³/h	25000	22400	19000	13100	7770	4900	-	-	-	-	400	2,2
DF800F3-CAA1U-4T3	m³/h	26500	24400	22100	18900	13200	8200	4640	-	-	-	400	3
DF800F3-CAA2U-4T3	m³/h	30600	27600	23900	18400	-	-	-	-	-	-	400	3
DF800F3-CAA1U-4T4	m³/h	29400	27300	25000	22200	17400	10400	7460	-	-	-	400	4
DF800F3-CAA2U-4T4	m³/h	36900	33100	28800	-	-	-	-	-	-	-	400	4
DF800F3-CAA1U-4T5,5	m³/h	36900	33900	30700	27300	22000	-	-	-	-	-	400	5,5
DF800F3-CAA2U-4T5,5	m³/h	39400	36500	33300	28900	-	-	-	-	-	-	400	5,5
DF800F3-CAA1U-4T7,5	m³/h	41300	39200	36600	32700	28000	-	-	-	-	-	400	7,5
DF800F3-CAA1U-4T11	m³/h	44800	42300	39500	36000	31100	-	-	-	-	-	400	11
DF900F3-CAA1U-4T4	m³/h	31900	30000	27800	25300	21700	15800	10900	-	-	-	400	4
DF900F3-CAA2U-4T4	m³/h	38400	35400	31300	26000	-	-	-	-	-	-	400	4
DF900F3-CAA1U-4T5,5	m³/h	37500	35400	33100	30300	24500	-	-	-	-	-	400	5,5
DF900F3-CAA2U-4T5,5	m³/h	46100	42600	38400	33100	-	-	-	-	-	-	400	5,5
DF900F3-CAA1U-4T7,5	m³/h	44900	42700	40100	37000	32600	26000	20200	8740	-	-	400	7,5
DF900F3-CAA2U-4T7,5	m³/h	49400	46400	43100	39000	34200	-	-	-	-	-	400	7,5
DF900F3-CAA3U-4T7,5	m³/h	51500	47800	43100	35000	-	-	-	-	-	-	400	7,5
DF900F3-CAA1U-4T11	m³/h	55400	52300	48800	44500	38600	-	-	-	-	-	400	11
DF900F3-CAA2U-4T11	m³/h	56700	53300	50000	46600	42300	-	-	-	-	-	400	11
DF900F3-CAA1U-4T15	m³/h	62400	59300	55800	52100	47400	-	-	-	-	-	400	15
DF1000F3-CAA1U-4T5,5	m³/h	46700	42700	38600	33900	27700	20200	15400	8400	1990	-	400	5,5
DF1000F3-CAA1U-4T7,5	m³/h	55200	51100	46900	42000	35200	23600	18300	11700	5940	1620	400	7,5
DF1000F3-CAA1U-4T11	m³/h	53900	51600	49000	46000	42500	32000	25700	18700	14000	10800	400	11
DF1000F3-CAA2U-4T11	m³/h	63300	59600	55600	51000	44900	-	-	-	-	-	400	11
DF1000F3-CAA3U-4T11	m³/h	70600	65000	58300	50500	-	-	-	-	-	-	400	11
DF1000F3-CAA1U-4T15	m³/h	63300	60300	57200	54100	50100	45300	41600	32200	23800	19800	400	15
DF1000F3-CAA2U-4T15	m³/h	75400	70900	65800	60000	51100	-	-	-	-	-	400	15
DF1000F3-CAA1U-4T18,5	m³/h	59900	57800	55800	53400	50800	46500	44900	30300	-	-	400	18,5
DF1000F3-CAA2U-4T18,5	m³/h	77200	73700	69800	65700	61100	-	-	-	-	-	400	18,5
DF1000F3-CAA1U-4T22	m³/h	77400	74400	71100	67400	63100	57600	49800	-	-	-	400	22
DF1000F3-CAA11U-4T30	m³/h	83900	79900	75900	72000	66900	59200	-	-	-	-	400	30
DF1120F3-CAA1U-4T11	m³/h	69300	65300	60800	55800	49600	41300	36300	24000	14700	6660	400	11
DF1120F3-CAA1U-4T15	m³/h	81700	77700	73300	68200	62000	54400	-	-	-	-	400	15
DF1120F3-CAA1U-4T18,5	m³/h	85500	88800	83800	78800	73000	66000	61700	-	-	-	400	18,5
DF1120F3-CAA1U-4T22	m³/h	99200	94300	88800	82700	75700	-	-	-	-	-	400	22
DF1120F3-CAA1U-4T30	m³/h	107000	103000	99300	92500	85000	76400	-	-	-	-	400	30
DF1120F3-CAA1U-4T37	m³/h	115000	110000	106000	101000	95300	88400	83800	-	-	-	400	37
DF1250F3-CAA1U-4T15	m³/h	94600	89200	83600	77700	71200	63800	53200	30000	-	-	400	15
DF1250F3-CAA1U-4T18,5	m³/h	107000	99800	91700	82800	73200	60800	-	-	-	-	400	18,5
DF1250F3-CAA1U-4T22	m³/h	116000	107000	98400	88400	78000	63900	-	-	-	-	400	22
DF1250F3-CAA1U-4T30	m³/h	116000	112000	107000	103000	98400	93100	86800	68300	-	-	400	30
DF1250F3-CAA1U-4T37	m³/h	126000	121000	116000	112000	107000	101000	95100	74800	-	-	400	37
DF1250F3-CAA1U-4T45	m³/h	138000	133000	129000	124000	118000	112000	104000	-	-	-	400	45
DF1250F3-CAA1U-4T55	m³/h	153000	148000	142000	136000	129000	121000	110000	-	-	-	400	55





## AXIAL UNIDIRECTIONAL JET FANS



- Corrosion resistant, hot dip galvanized
- Specially designed silenced fan body
- Heat treated high temperature resistant aluminum impeller
- Double speed three phase H class insulated smoke evacuation engine
- With resistance to 300 C for 2 hours, CE certified according to EN 12101-3 (N°2184-CPR-0033)

MODEL	SPEED	VOLUME FLOW RATE	THRUST	VOLTAGE	POWER
	RPM	m³/h	N	V	KW
DF315F3-JAU	2820/1400	5100 / 2550	31 / 8	400	0,8/0,2
DF355F3-JAU	2810/1410	6800 / 3400	43/ 11	400	1,1/0,25
DF400F3-JAU	2845/1420	9840 / 5350	71 / 18	400	2,2/0,5
DF450F3-JAU	2890/1430	12800 / 6400	95 / 24	400	3,1/0,8

## AXIAL REVERSIBLE JET FANS



- Electrostatic powder painted, optional hot dip galvanized for resistance to corrosion
- Specially designed silenced fan body
- Dynamically balanced aluminum impeller with heat treated high temperature resistance in accordance with ISO 1940
- Double speed three-phase H class insulated IP55 smoke evacuation engine
- It works without loss in the desired direction.
- With resistance to 300 C for 2 hours, CE certified according to EN 12101-3 (N°2184-CPR-0033)

MODEL	SPEED	VOLUME FLOW RATE	THRUST	VOLTAGE	POWER
	RPM	m³/h	N	V	KW
DF315F3-JAR	2820/1400	4300 / 2150	22 / 6	400	0,8/0,2
DF355F3-JAR	2810/1410	5800 / 3400	32 / 8	400	1,1/0,25
DF400F3-JAR	2835/1415	9000 / 4500	60 / 15	400	2,2/0,5
DF450F3-JAR	2835/1415	12000 / 6000	84 / 21	400	3,1/0,8

## RADIAL JET FANS



- Electrostatic powder painted for resistance to corrosion, optional hot dip galvanized
- Dynamically balanced galvanized propeller in accordance with ISO 1940
- Double speed three phase H class insulated smoke evacuation engine
- Suction side with protective wire and inlet cone
- Resistant to 300 degrees for 2 hours according to EN 12101-3 (EEA-2000-0123)

MODEL	SPEED	VOLUME FLOW RATE	THRUST	VOLTAGE	POWER
	RPM	m³/h	N	V	KW
DF315F3-JAR	1430/705	7000 / 3500	52 / 13	400	1,2/0,3

## LOW PRESSURE CENTRIFUGAL FANS



- Frame made of high quality galvanized steel sheet
- Backward curved, sparsely winged
- Direct coupled
- It has the ability to change direction on the body
- Adjustable speed with a frequency converter, "Optional" (See page 62)

MODEL	NAUTILIUS LPF CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	200	300	400	600	800	1000	1200	1400	1600	2000	V	kW
NAUTILUS LPF-0,37	m³/h	3150	2500	1350	-	-	-	-	-	-	-	400	0,37
NAUTILUS LPF-0,75	m³/h	3700	3600	3500	3150	2250	-	-	-	-	-	400	0,75
NAUTILUS LPF-1,1	m³/h	4750	4650	4550	4300	3800	-	-	-	-	-	400	1,1
NAUTILUS LPF-1,5	m³/h	6400	6300	6125	5750	5250	-	-	-	-	-	400	1,5
NAUTILUS LPF-2,2	m³/h	8350	8250	8125	7850	7650	7500	7125	6850	6625	5380	400	2,2
NAUTILUS LPF-3	m³/h	11000	10750	10500	10000	9400	8900	8400	7600	7000	-	400	3
NAUTILUS LPF-4	m³/h	12800	12600	12500	12000	11500	10750	9700	8400	6600	-	400	4
NAUTILUS LPF-5,5	m³/h	17050	16800	16600	16300	15750	15250	14400	13500	13000	10600	400	5,5
NAUTILUS LPF-7,5	m³/h	21000	20900	20600	20300	19500	19250	18500	18000	17250	15500	400	7,5
NAUTILUS LPF-11	m³/h	28250	28000	27750	26250	24600	23900	22000	18750	16450	-	400	11
NAUTILUS LPF-15	m³/h	36000	35000	33750	32500	31250	30000	27500	26250	23800	19750	400	15

## DOUBLE SKIN ACOUSTIC CENTRIFUGAL FANS



- Electrostatic powder painted for resistance to corrosion
- Backward curved, sparsely winged
- Direct coupled
- Low noise level
- Speed can be adjusted with a variable speed drive, "Optional" (See page 62)
- 400 Volt models, speed adjustable with frequency converter "Optional" (See page 62)

MODEL	NAUTILIUS SILENCE CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	150	200	250	300	400	500	600	700	V	W
NAUTILUS Silence 55	m³/h	550	420	360	300	180	100	-	-	-	-	230	60
NAUTILUS Silence 110	m³/h	1100	970	900	825	780	700	500	100	-	-	230	135
NAUTILUS Silence 150	m³/h	1500	1400	1300	1175	1100	1000	750	250	-	-	230	230
NAUTILUS Silence 250	m³/h	2500	2200	1875	1550	1200	750	-	-	-	-	230	210
NAUTILUS Silence 300	m³/h	2800	2500	2300	2100	1750	1250	400	-	-	-	230	260
NAUTILUS Silence 350	m³/h	3300	2900	2700	2400	2100	1800	900	-	-	-	230	400
NAUTILUS Silence 450	m³/h	4400	4000	3800	3500	3300	3000	2600	1300	-	-	230	510
NAUTILUS Silence 600	m³/h	6000	5200	5000	4600	4400	4000	3000	-	-	-	400	800
NAUTILUS Silence 700	m³/h	7000	6500	6300	6000	5700	5500	4600	3600	2000	-	400	1100
NAUTILUS Silence 950	m³/h	9400	9000	8750	8500	8300	7500	6200	5000	3000	1250	400	1500
NAUTILUS Silence 1300	m³/h	12800	12400	12200	12000	11500	11200	10400	9400	8200	7000	400	2500

## EC VERTICAL ROOF FANS

### HUMMINGBIRD



- Body made of high quality galvanized steel sheet
- Max. Suitable for working at 40°C
- High efficiency, backward curved blade
- Suitable for exhaust
- Speed can be adjusted with variable speed drive (optional).
- Can be controlled by 0-10 volt control or speed switch.
- It can be operated automatically according to need, with the help of differential pressure sensor with PI unit. "Optional" (See page 63)
- Maintenance switch is optional (See page 61)

MODEL	HUMMINGBIRD RRV CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	150	200	250	300	400	500	600	700	V	W
HUMMINGBIRD RRV EC 225M	m³/h	1200	1050	970	900	800	730	520	330	200	-	230	130
HUMMINGBIRD RRV EC 250MV1	m³/h	1400	1200	1075	1000	900	780	525	300	130	-	230	270
HUMMINGBIRD RRV EC 250MV2	m³/h	1550	1430	1370	1320	1250	1200	1070	900	600	300	230	270
HUMMINGBIRD RRV EC 280M	m³/h	2250	2100	2025	1950	1875	1800	1650	1500	1300	1000	230	395
HUMMINGBIRD RRV EC 310M	m³/h	2800	2700	2650	2570	2450	2300	1950	1570	1000	-	230	320
HUMMINGBIRD RRV EC 355M	m³/h	3000	2900	2800	2700	2550	2300	2000	1650	1100	-	230	330
HUMMINGBIRD RRV EC 400M	m³/h	3400	3100	3000	2900	2750	2500	2000	1250	-	-	230	270
HUMMINGBIRD RRV EC 280T	m³/h	3000	2800	2700	2650	2550	2500	2400	2250	2100	1750	400	860
HUMMINGBIRD RRV EC 310T	m³/h	4300	4000	3900	3800	3700	3600	3400	3200	3000	2600	400	980
HUMMINGBIRD RRV EC 355T	m³/h	5200	4900	4700	4600	4500	4380	4000	3600	3200	-	400	990
HUMMINGBIRD RRV EC 400T	m³/h	5500	5200	5000	4750	4500	4300	3500	2400	-	-	400	725
HUMMINGBIRD RRV EC 450T	m³/h	7400	6900	6500	5400	6200	5800	5000	3900	-	-	400	1006

## EC RECTANGULAR DUCT FANS

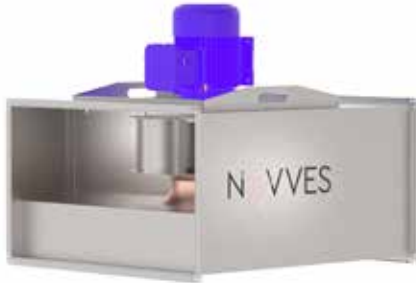
### HUMMINGBIRD



- Body made of high quality galvanized steel sheet
- High efficiency, backward curved blades, low noise level
- Suction and discharge nozzles are self-flanged
- Service cover for wing and engine maintenance
- Suitable for fresh air or exhaust depending on the mounting direction
- It can be operated automatically according to need with the help of differential pressure sensor with PI unit. "Optional" (See page 63)

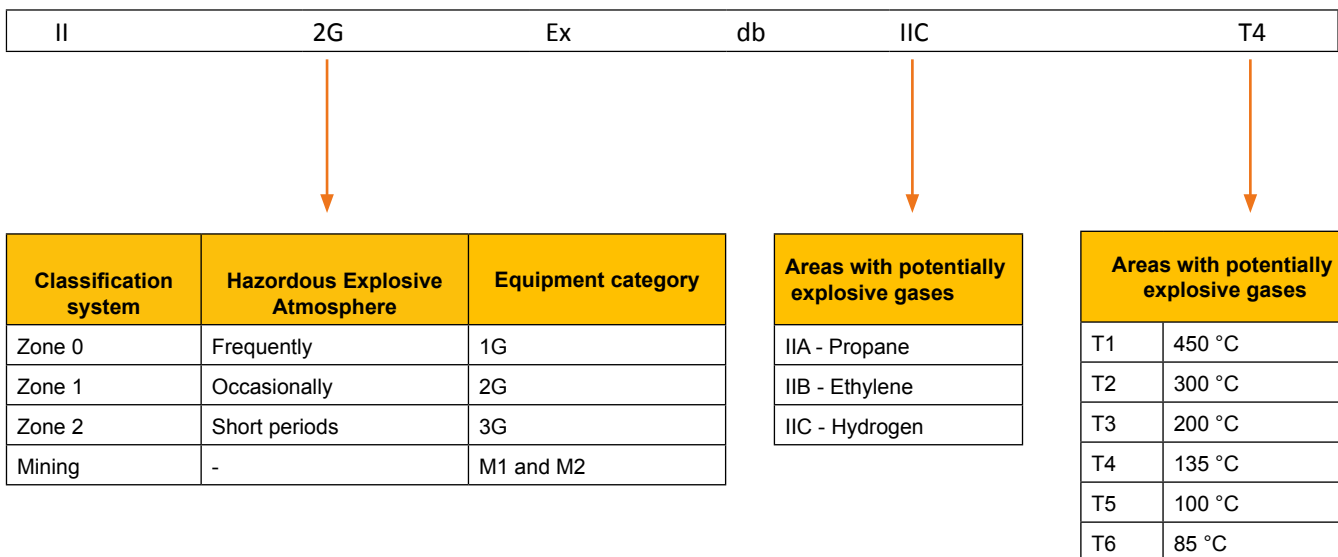
MODEL	HUMMINGBIRD DRB CAPACITY TABLE (m³/h)-Pa											VOLTAGE	POWER
	Pa	0	100	150	200	250	300	400	500	600	700	V	W
HUMMINGBIRD DRB EC 40-20M	m³/h	1200	1050	970	900	800	730	520	330	200	-	230	130
HUMMINGBIRD DRB EC 50-25MV1	m³/h	1550	1430	1370	1320	1250	1200	1070	900	600	300	230	270
HUMMINGBIRD DRB EC 50-25MV2	m³/h	2250	2100	2025	1950	1875	1800	1650	1500	1300	1000	230	395
HUMMINGBIRD DRB EC 60-35M	m³/h	3000	2900	2800	2700	2550	2300	2000	1650	1100	-	230	330
HUMMINGBIRD DRB EC 70-40M	m³/h	3400	3100	3000	2900	2750	2500	2000	1250	-	-	230	270
HUMMINGBIRD DRB EC 60-35T	m³/h	5200	4900	4700	4600	4500	4380	4000	3600	3200	-	400	990
HUMMINGBIRD DRB EC 70-40T	m³/h	5500	5200	5000	4750	4500	4300	3500	2400	-	-	400	725
HUMMINGBIRD DRB EC 80-50T	m³/h	7400	6900	6500	5400	6200	5800	5000	3900	-	-	400	1006

## EXPROOF RECTUNGULAR DUCT FANS



- Body made of high quality galvanized steel sheet
- II 2G Ex db IIC T4 Protection Class
- Three-phase motors suitable for working with frequency inverters
- Inlet cone made of spark-proof copper material
- Adjustable speed with a frequency converter, "Optional" (see page 62)

MODEL	BEAR REB CAPACITY TABLE (m³/h)-Pa ( II 2G Ex db IIC T4 )											VOLTAGE	POWER
	Pa	0	100	200	300	400	500	600	700	800	1000	V	kW
BEAR REB EX 60-35TV1	m³/h	3250	3100	2750	2250	1400	-	-	-	-	-	400	0,25
BEAR REB EX 60-35TV2	m³/h	3400	3150	2750	2300	1450	-	-	-	-	-	400	0,37
BEAR REB EX 70-40TV1	m³/h	6200	6000	5500	4750	3750	2000	-	-	-	-	400	0,55
BEAR REB EX 70-40TV2	m³/h	6300	6150	5600	4850	3900	2150	-	-	-	-	400	1,1
BEAR REB EX 80-50T	m³/h	8700	8500	7700	6850	6400	5500	4350	2500	-	-	400	1,5
BEAR REB EX 100-50T	m³/h	10500	10000	9500	8750	8500	7500	6750	6500	5500	2000	400	2,2



## EXPROOF RECTUNGULAR TUBE FANS



- Electrostatic powder painted, optional hot dip galvanized for resistance to corrosion
- II 2G Ex db IIC T4 Protection Class
- Three-phase motors suitable for working with frequency inverters
- Antistatic glass reinforced polymer propeller
- Speed can be adjusted with a frequency converter, "Optional" (See page 62)

MODEL	BEAR T CAPACITY TABLE (m³/h)-Pa ( II 2G Ex db IIC T4 )											VOLTAGE	POWER
	Pa	0	100	200	300	400	500	600	700	800	1000	V	kW
BEAR 400EXT-2T1,1	m³/h	6500	5540	4700	3900	2500	1940	1500	945	390	-	400	1,1
BEAR 450EXT-2T1,85	m³/h	9700	8300	7300	6300	5100	3400	2700	2000	-	-	400	1,85
BEAR 500EXT-2T2,5	m³/h	12800	11300	9960	8700	7300	5600	4200	3200	2300	-	400	2,5
BEAR 560EXT-2T3,3	m³/h	16700	14900	13300	11800	10200	8630	6650	5000	3500	1100	400	3,3
BEAR 630EXT-2T4,6	m³/h	22600	20700	18900	17100	15300	13300	11300	8800	6700	2700	400	4,6
BEAR 400EXT-4T0,18	m³/h	3900	2600	-	-	-	-	-	-	-	-	400	0,18
BEAR 450EXT-4T0,25	m³/h	5500	3800	1300	-	-	-	-	-	-	-	400	0,25
BEAR 500EXT-4T0,37	m³/h	6800	4770	2030	-	-	-	-	-	-	-	400	0,37
BEAR 560EXT-4T0,55	m³/h	7400	5900	3250	1000	-	-	-	-	-	-	400	0,55
BEAR 630EXT-4T1	m³/h	9500	7500	4750	1850	-	-	-	-	-	-	400	1
BEAR 710EXT-4T2	m³/h	12300	10000	7000	3700	550	-	-	-	-	-	400	2
BEAR 800EXT-4T2,5	m³/h	27000	23600	19700	13000	8700	-	-	-	-	-	400	2,5
BEAR 900EXT-4T5	m³/h	32500	30000	27500	24700	20900	15000	11000	7800	4950	-	400	5
BEAR 900EXT-4T6,8	m³/h	37500	35000	32300	29000	25000	17200	12200	9500	6700	-	400	6,8
BEAR 1000EXT-4T6,8	m³/h	45400	41800	37900	33600	27400	20300	15500	10400	-	-	400	6,8
BEAR 1000EXT-4T10	m³/h	57700	54000	49700	45000	38000	-	-	-	-	-	400	10
BEAR 1000EXT-4T13,5	m³/h	62700	58700	53700	49000	42000	-	-	-	-	-	400	13,5
BEAR 1000EXT-4T15V1	m³/h	68000	63400	58200	53200	45500	-	-	-	-	-	400	15
BEAR 1000EXT-4T15V2	m³/h	58400	55500	52500	50000	45900	40000	32000	27100	22400	12800	400	15

## POOL DEHUMUDIFICATION UNIT

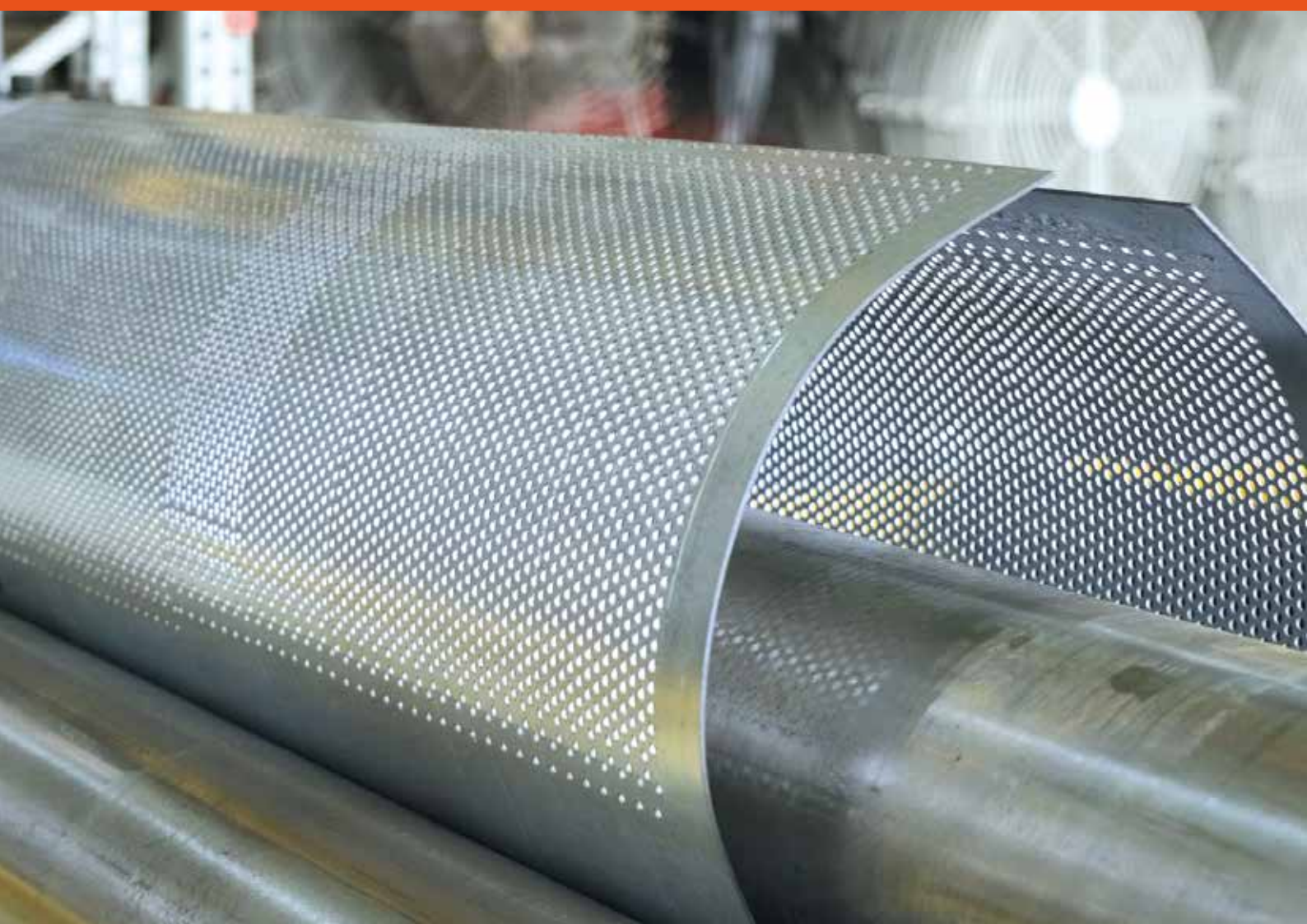
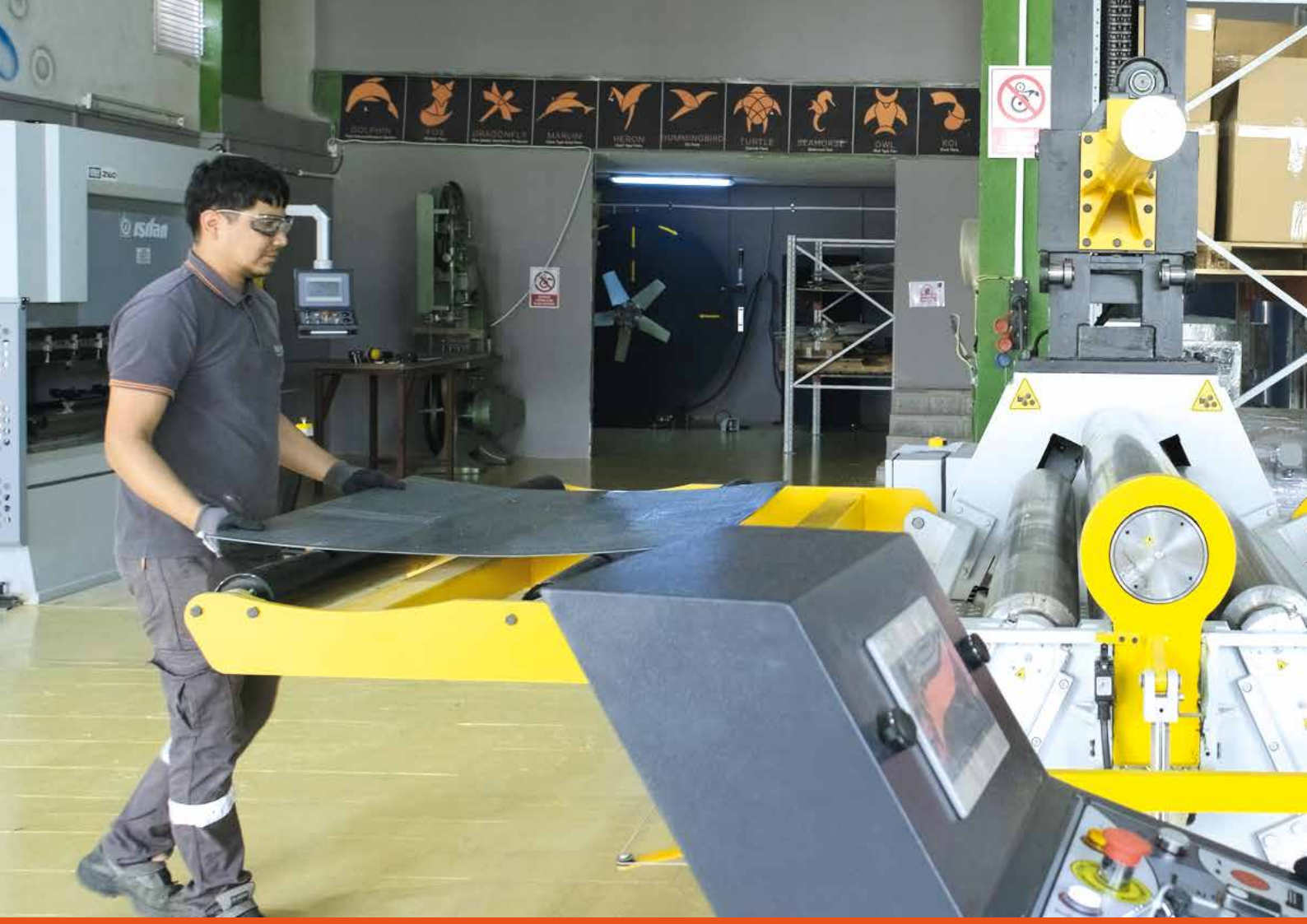
**DOLPHIN**



- Aspirator, ventilator, cooling coil, condenser, heater battery, heat recovery coil, cooling compressor, air
- It consists of filter and automation panel
- Summer and winter pool area thanks to the electronic control system
- It is brought to the desired conditions automatically

MODEL	VANTILATION		ASPIRATOR		POOL AREA	DEHUMUDIFICATION CAPACITY	VOLTAGE
	m <sup>3</sup> /h	Pa	m <sup>3</sup> /h	Pa	m <sup>2</sup>	kg/h	V
<b>DOLPHIN 300</b>	3000	300	3000	300	50	20	400
<b>DOLPHIN 400</b>	4000	300	4000	300	75	30	400
<b>DOLPHIN 600</b>	6000	300	6000	300	100	40	400
<b>DOLPHIN 750</b>	7500	300	7500	300	150	50	400
<b>DOLPHIN 900</b>	9000	300	9000	300	200	70	400
<b>DOLPHIN 1100</b>	11000	300	11000	300	250	80	400
<b>DOLPHIN 1500</b>	15000	300	15000	300	300	100	400





## SMOKE EVACUATION DAMPERS



- Frame and wings are made of 1,2 mm galvanized sheet
- The blades are on a steel shaft in bronze bearings that do not require lubrication. works in parallel motion
- The case is standard with flanges for wall or channel mounting
- Sealing grade is according to EN17051 Class-C
- Produced with servo motor that can be connected to 24 Volt automation

MODEL	Width	Height
	mm	mm
SED-M24-300X300	300	300
SED-M24-400X400	400	400
SED-M24-500X500	500	500
SED-M24-600X600	600	600
SED-M24-700X700	700	700
SED-M24-800X800	800	800
SED-M24-900X900	900	900
SED-M24-1000X1000	1000	1000
SED-M24-1100X1100	1100	1100
SED-M24-1200X1200	1200	1200
SED-M24-1300X1300	1300	1300
SED-M24-1400X1400	1400	1400
SED-M24-1500X1500	1500	1500
SED-M24-1600X1600	1600	1600
SED-M24-1700X1700	1700	1700
SED-M24-1800X1800	1800	1800
SED-M24-1900X1900	1900	1900
SED-M24-2000X2000	2000	2000
SED-M24-2100X2100	2100	2100
SED-M24-2200X2200	2200	2200

## PRESURE RELIEF DAMPERS



- Frame and wings are made of galvanized sheet, wing bearings are made of bronze material
- When the targeted pressure value is exceeded, the wings open and system security is provided
- Easily mounted to the air duct by means of bolts - nuts and duct clips

MODEL	Width	Height
	mm	mm
PRD-200X200	200	200
PRD-300X300	300	300
PRD-400X400	400	400
PRD-500X500	500	500

## AIR LOUVRE



- Frame and blades are manufactured from extruded aluminum profile.
- Suitable for outdoor use
- Electrostatic powder coated with color code RAL9016

MODEL	Width	Height
	mm	mm
AL-300X300	300	300
AL-400X400	400	400
AL-500X500	500	500
AL-600X600	600	600
AL-700X700	700	700
AL-800X800	800	800
AL-900X900	900	900
AL-1000X1000	1000	1000
AL-1100X1100	1100	1100
AL-1200X1200	1200	1200
AL-1300X1300	1300	1300
AL-1400X1400	1400	1400
AL-1500X1500	1500	1500
AL-1600X1600	1600	1600
AL-1700X1700	1700	1700
AL-1800X1800	1800	1800
AL-1900X1900	1900	1900
AL-2000X2000	2000	2000
AL-2100X2100	2100	2100
AL-2200X2200	2200	2200

## FIRE DAMPERS



- The casing and the wing are made of 1,2 mm galvanized sheet, between the wing walls 70
- 25 mm thick fire resistant rock wool is used in kg/m<sup>3</sup> density.
- There is a protection fuse that reacts to 72 C temperature.
- High temperature resistant red silicone insulation for sealing
- Servo motor that can be connected to 230 or 24 Volt automation as an option  
Producible

MODEL	Width	Height
	mm	mm
FD-300X150	300	150
FD-400X200	400	200
FD-500X300	500	300
FD-600X400	600	400



## RETURN AIR CONTROL DAMPERS WITH SERVOMOTOR



- Frame and wings are made of 1,2 mm galvanized sheet
- Blades are made of lubrication-free bronze on a steel shaft
- Runs in parallel motion inside beds
- The case is standard with flange for wall or duct mounting.
- Sealing grade according to EN17051 Class-C
- Produced with servo motor that can be connected to 24 Volt automation

Return Air Control Dampers With Servomotor	
MODEL	RELATED PRODUCT
AFSED-M24-500	DF500, M500
AFSED-M24-560	DF560, M560
AFSED-M24-630	DF630, M630
AFSED-M24-710	DF710, M710
AFSED-M24-800	DF800, M800
AFSED-M24-900	DF900, M900
AFSED-M24-1000	DF1000, M1000
AFSED-M24-1120	DF1120, M1120
AFSED-M24-1250	DF1250, M1250

## RETURN AIR CONTROL DAMPERS



- Frame and wings are made of 1,2 mm galvanized sheet
- Blades are made of lubrication-free bronze on a steel shaft
- Runs in parallel motion inside beds
- The case is standard with flange for wall or duct mounting
- Sealing grade according to EN17051 Class-C
- Produced with servo motor that can be connected to 24 Volt automation

Return Air Control Dampers	
MODEL	RELATED PRODUCT
AFBDD-500	DF500, M500
AFBDD-560	DF560, M560
AFBDD-630	DF630, M630
AFBDD-710	DF710, M710
AFBDD-800	DF800, M800
AFBDD-900	DF900, M900
AFBDD-1000	DF1000, M1000
AFBDD-1120	DF1120, M1120
AFBDD-1250	DF1250, M1250



## AUXILIARY EQUIPMENT - AXIAL TUBE INSPECTION DOOR



Axial Tube Inspection Door	
MODEL	RELATED PRODUCT
AEIH315	DF315, M315
AEIH355	DF355, M355
AEIH400	DF400, M400
AEIH450	DF450, M450
AEIH500	DF500, M500
AEIH560	DF560, M560
AEIH630	DF630, M630
AEIH710	DF710, M710
AEIH800	DF800, M800
AEIH900	DF900, M900
AEIH1000	DF1000, M1000
AEIH1120	DF1120, M1120
AEIH1250	DF1250, M1250

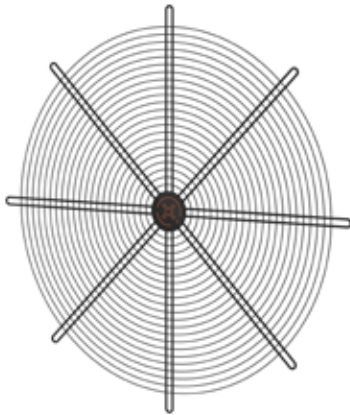
## AUXILIARY EQUIPMENT - SUPPORT FEET



Support Feet	
MODEL	RELATED PRODUCT
AESF315	DF315, M315
AESF355	DF355, M355
AESF400	DF400, M400
AESF450	DF450, M450
AESF500	DF500, M500
AESF560	DF560, M560
AESF630	DF630, M630
AESF710	DF710, M710
AESF800	DF800, M800
AESF900	DF900, M900
AESF1000	DF1000, M1000
AESF1120	DF1120, M1120
AESF1250	DF1250, M1250



## AUXILIARY EQUIPMENT - GRILLE GUARD



Grille Guard	
MODEL	RELATED PRODUCT
AEPM315	DF315, M315
AEPM355	DF355, M355
AEPM400	DF400, M400
AEPM450	DF450, M450
AEPM500	DF500, M500
AEPM560	DF560, M560
AEPM630	DF630, M630
AEPM710	DF710, M710
AEPM800	DF800, M800
AEPM900	DF900, M900
AEPM1000	DF1000, M1000
AEPM1120	DF1120, M1120
AEPM1250	DF1250, M1250

## AUXILIARY EQUIPMENT - SPRING VIBRATION ISOLATOR



Spring Vibration Isolator	
MODEL	PRODUCT WEIGHT
AEOSI01	10-22 Kg
AEOSI02	22-50 Kg
AEOSI03	50-80 Kg
AEOSI04	80-105 Kg
AEOSI05	105-200 Kg

## AUXILIARY EQUIPMENT - INLET CONE



Inlet Cone	
MODEL	RELATED PRODUCT
AEIC315	DF315, M315
AEIC355	DF355, M355
AEIC400	DF400, M400
AEIC450	DF450, M450
AEIC500	DF500, M500
AEIC560	DF560, M560
AEIC630	DF630, M630
AEIC710	DF710, M710
AEIC800	DF800, M800
AEIC900	DF900, M900
AEIC1000	DF1000, M1000
AEIC1120	DF1120, M1120
AEIC1250	DF1250, M1250

## AUXILIARY EQUIPMENT - COUNTER FLANGE



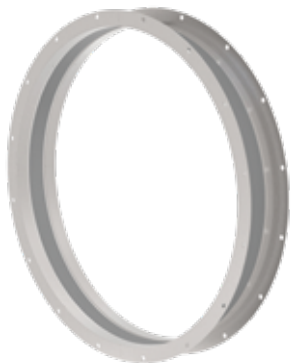
Counter Flange	
MODEL	RELATED PRODUCT
AECF315	DF315, M315
AECF355	DF355, M355
AECF400	DF400, M400
AECF450	DF450, M450
AECF500	DF500, M500
AECF560	DF560, M560
AECF630	DF630, M630
AECF710	DF710, M710
AECF800	DF800, M800
AECF900	DF900, M900
AECF1000	DF1000, M1000
AECF1120	DF1120, M1120
AECF1250	DF1250, M1250

## AUXILIARY EQUIPMENT - COUNTER FLANGE WITH FLEXIBLE CONNECTOR



Counter Flange With Flexible Connector	
MODEL	RELATED PRODUCT
AEFJF315	DF315, M315
AEFJF355	DF355, M355
AEFJF400	DF400, M400
AEFJF450	DF450, M450
AEFJF500	DF500, M500
AEFJF560	DF560, M560
AEFJF630	DF630, M630
AEFJF710	DF710, M710
AEFJF800	DF800, M800
AEFJF900	DF900, M900
AEFJF1000	DF1000, M1000
AEFJF1120	DF1120, M1120
AEFJF1250	DF1250, M1250

## AUXILIARY EQUIPMENT - COUNTER FLANGE WITH F400 FLEXIBLE CONNECTOR



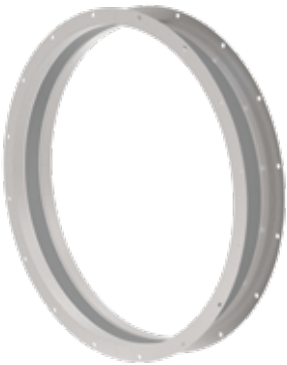
Counter Flange With F400 Flexible Connector	
MODEL	RELATED PRODUCT
AEFJF315HR	DF315, M315
AEFJF355HR	DF355, M355
AEFJF400HR	DF400, M400
AEFJF450HR	DF450, M450
AEFJF500HR	DF500, M500
AEFJF560HR	DF560, M560
AEFJF630HR	DF630, M630
AEFJF710HR	DF710, M710
AEFJF800HR	DF800, M800
AEFJF900HR	DF900, M900
AEFJF1000HR	DF1000, M1000
AEFJF1120HR	DF1120, M1120
AEFJF1250HR	DF1250, M1250

## AUXILIARY EQUIPMENT - DOUBLE COUNTER FLANGE WITH FLEXIBLE CONNECTOR



Double Counter Flange With Flexible Connector	
MODEL	RELATED PRODUCT
AEFJ2F315	DF315, M315
AEFJ2F355	DF355, M355
AEFJ2F400	DF400, M400
AEFJ2F450	DF450, M450
AEFJ2F500	DF500, M500
AEFJ2F560	DF560, M560
AEFJ2F630	DF630, M630
AEFJ2F710	DF710, M710
AEFJ2F800	DF800, M800
AEFJ2F900	DF900, M900
AEFJ2F1000	DF1000, M1000
AEFJ2F1120	DF1120, M1120
AEFJ2F1250	DF1250, M1250

## AUXILIARY EQUIPMENT - DOUBLE COUNTER FLANGE WITH F400 FLEXIBLE CONNECTOR



Double Counter Flange With F400 Flexible Connector	
MODEL	RELATED PRODUCT
AEFJ2F315HR	DF315, M315
AEFJ2F355HR	DF355, M355
AEFJ2F400HR	DF400, M400
AEFJ2F450HR	DF450, M450
AEFJ2F500HR	DF500, M500
AEFJ2F560HR	DF560, M560
AEFJ2F630HR	DF630, M630
AEFJ2F710HR	DF710, M710
AEFJ2F800HR	DF800, M800
AAEFJ2F900HR	DF900, M900
AEFJ2F1000HR	DF1000, M1000
AEFJ2F1120HR	DF1120, M1120
AEFJ2F1250HR	DF1250, M1250

## AUXILIARY EQUIPMENT - CIRCULAR SILENCER



Circular Silencer		ISOLATION THICKNESS	LENGTH
MODEL	RELATED PRODUCT	mm	DIAMETER
AES3151D100	DF315, M315	100	1D
AES3551D100	DF355, M355	100	1D
AES4001D100	DF400, M400	100	1D
AES4501D100	DF450, M450	100	1D
AES5001D100	DF500, M500	100	1D
AES5601D100	DF560, M560	100	1D
AES6301D100	DF630, M630	100	1D
AES7101D100	DF710, M710	100	1D
AES8001D100	DF800, M800	100	1D
AES9001D100	DF900, M900	100	1D
AES10001D100	DF1000, M1000	100	1D
AES11201D100	DF1120, M1120	100	1D
AES12501D100	DF1250, M1250	100	1D
AES3151D50	DF315, M315	50	1D
AES3551D50	DF355, M355	50	1D
AES4001D50	DF400, M400	50	1D
AES4501D50	DF450, M450	50	1D
AES5001D50	DF500, M500	50	1D
AES5601D50	DF560, M560	50	1D
AES6301D50	DF630, M630	50	1D
AES7101D50	DF710, M710	50	1D
AES8001D50	DF800, M800	50	1D
AES9001D50	DF900, M900	50	1D
AES10001D50	DF1000, M1000	50	1D
AES11201D50	DF1120, M1120	50	1D
AES12501D50	DF1250, M1250	50	1D
AES3151/2D50P	DF315, M315	50	1/D
AES3551/2D50P	DF355, M355	50	1/D
AES4001/2D50P	DF400, M400	50	1/D
AES4501/2D50P	DF450, M450	50	1/D
AES5001/2D50P	DF500, M500	50	1/D
AES5601/2D50P	DF560, M560	50	1/D
AES6301/2D50P	DF630, M630	50	1/D
AES7101/2D50P	DF710, M710	50	1/D
AES8001/2D50P	DF800, M800	50	1/D
AES9001/2D50P	DF900, M900	50	1/D
AES10001/2D50P	DF1000, M1000	50	1/D
AES11201/2D50P	DF1120, M1120	50	1/D
AES12501/2D50P	DF1250, M1250	50	1/D

## AUXILIARY EQUIPMENT - CIRCULAR SILENCER WITH POD



Circular Silencer With Pod		Isolation Thickness	LENGTH
MODEL	RELATED PRODUCT	mm	DIAMETER
AES315D100P	DF315, M315	100	1D
AES355D100P	DF355, M355	100	1D
AES400D100P	DF400, M400	100	1D
AES450D100P	DF450, M450	100	1D
AES500D100P	DF500, M500	100	1D
AES560D100P	DF560, M560	100	1D
AES630D100P	DF630, M630	100	1D
AES710D100P	DF710, M710	100	1D
AES800D100P	DF800, M800	100	1D
AES900D100P	DF900, M900	100	1D
AES1000D100P	DF1000, M1000	100	1D
AES1120D100P	DF1120, M1120	100	1D
AES1250D100P	DF1250, M1250	100	1D

## AUXILIARY EQUIPMENT - DUCT TYPES RECTUNGULAR SILENCER



Duct Types Rectungular Silencer		WIDTH	HEIGHT
MODEL	RELATED PRODUCT	mm	mm
AERS 30-15	KOI-RB 30-15M	300	150
AERS 40-20	KOI-RB 40-20MV1-MV2	400	200
AERS 50-25	KOI-RB 50-25M	500	250
AERS 60-30	KOI-RB 60-30M	600	300
AERS 60-35	KOI-RB 60-35MV1-MV2, KOI-REB 50-35TV1-TV2	600	350
AERS 70-40	KOI-RB 70-40MV1, KOI-REB 70-40TV1-TV2	700	400
AERS 80-50	KOI-RB 80-50T, KOI-REB 80-50T	800	500
AERS 100-50	KOI-RB 100-50T KOI-REB 100-50T	1000	500



## SAFETY SWITCH



Safety Switch		CAPACITY
MODEL	INFORMATION	kW
AE-MSS-5,5-eco	3*20 A BOXED ECO	5,5
AE-MSS-5,5	3*20 A BOXED	5,5
AE-MSS-7,5	3*25 A BOXED	7,5
AE-MSS-11	3*32 A BOXED	11
AE-MSS-15	3*40 A BOXED	15
AE-MSS-22	3*64 A BOXED	22
AE-MSS-30	3*80 A BOXED	30
AE-MSS-37	3*100 A BOXED	37
AE-MSS-45	3*125 A BOXED 64*64	45

## SAFETY SWITCH TRACKABLE



Safety Switch Trackable		CAPACITY
MODEL	INFORMATION	kW
AE-ACMSS-5,5-eco	3*20 A BOXED ECO	5,5
AE-ACMSS-5,5	3*20 A BOXED	5,5
AE-ACMSS-7,5	3*25 A BOXED	7,5
AE-ACMSS-11	3*32 A BOXED	11
AE-ACMSS-15	3*40 A BOXED	15
AE-ACMSS-22	3*64 A BOXED	22
AE-ACMSS-30	3*80 A BOXED	30
AE-ACMSS-37	3*100 A BOXED	37
AE-ACMSS-45	3*125 A BOXED 64*64	45
AE-ACMSS-45	3*125 A BOXED 88*88	45

## DUCT TYPES ELECTRICAL HEATER



Duct Types Electrical Heater	CAPACITY	VOLUME FLOW RATE	LEVEL
MODEL	KW	m <sup>3</sup> /h	QUANTITY
AEEH01	1	500	1
AEEH02	2	750	1
AEEH03	3	1000	1
AEEH05	5	1500	1
AEEH06	6	2000	2
AEEH08	8	2500	2
AEEH10	10	3000	3
AEEH12	12	3500	3
AEEH14	14	4000	3
AEEH16	16	4500	3
AEEH18	18	5000	3
AEEH20	20	6000	3
AEEH22	22	7000	3

## MONOPHASE SPEED CONTROLLER



Monophase Speed Controller	CAPACITY	VOLTAGE
MODEL	W	V
AESCU2,5A	0-160	230
AESCU5A	160-500	230
AESCU8A	500-1000	230

## FREQUENCY INVERTER



Frequency Inverter	Danfoss Series	CAPACITY	VOLTAGE
MODEL		KW	V
AESCU0,75	FC 51	0,75	400
AESCU1,5	FC 51	1,5	400
AESCU2,2	FC 51	2,2	400
AESCU3	FC 51	3	400
AESCU4	FC 51	4	400
AESCU5,5	FC 51	5,5	400
AESCU7,5	FC 51	7,5	400
AESCU11	FC 51	11	400
AESCU15	FC 51	15	400
AESCU18,5	FC 51	18,5	400
AESCU22	FC 51	22	400
AESCU2,2FMV1	FC 102 - Fire Mode	2,2	400
AESCU3FMV1	FC 102 - Fire Mode	3	400
AESCU4FMV1	FC 102 - Fire Mode	4	400
AESCU5,5FMV1	FC 102 - Fire Mode	5,5	400
AESCU7,5FMV1	FC 102 - Fire Mode	7,5	400
AESCU11FMV1	FC 102 - Fire Mode	11	400
AESCU15FMV1	FC 102 - Fire Mode	15	400
AESCU18,5FMV1	FC 102 - Fire Mode	18,5	400
AESCU22FMV1	FC 102 - Fire Mode	22	400
AESCU30FMV1	FC 102 - Fire Mode	30	400
AESCU37FMV1	FC 102 - Fire Mode	37	400
AESCU45FMV1	FC 102 - Fire Mode	45	400
AESCU55FMV1	FC 102 - Fire Mode	55	400

## AUXILIARY EQUIPMENT - PRESSURIZATION CONTROL PANEL



Pressurization Control Panel	Frequency Inverter FC102
Model	kW
PAP4	4
PAP5,5	5,5
PAP7,5	7,5
PAP11	11
PAP15	15
PAP18,5	18,5
PAP22	22
PAP30	30

## AUXILIARY EQUIPMENT - DIFFERENTIAL PRESSURE SENSOR



Differential Pressure Sensor	VOLTAGE
Model	V
PDS50	24

## AUXILIARY EQUIPMENT - DIFFERENTIAL PRESSURE SENSOR + PI (0-10 V output)



Differential Pressure Sensor + PI	VOLTAGE
Model	V
PIPDS50	24

## AUXILIARY EQUIPMENT - DUCT TYPE SMOKE SENSOR



Duct Type Smoke Sensor	VOLTAGE
Model	V
PDS50	24

## AUXILIARY EQUIPMENT - G4 PANEL FILTER



G4 Panel Filter	WIDTH	HIEGHT	DEPTH
MODEL	mm	mm	mm
AEPF-G4-287X287X48	278	278	48
AEPF-G4-400X500X48	400	500	48
AEPF-G4-500X500X48	500	500	48
AEPF-G4-500X625X48	500	625	48
AEPF-G4-287X592X48	287	592	48
AEPF-G4-490X592X48	490	592	48
AEPF-G4-592X592X48	592	592	48
AEPF-G4-287X287X98	287	287	98
AEPF-G4-400X500X98	400	500	98
AEPF-G4-500X500X98	500	500	98
AEPF-G4-500X625X98	500	625	98
AEPF-G4-287X592X98	287	592	98
AEPF-G4-490X592X98	490	592	98
AEPF-G4-592X592X98	592	592	98

## AUXILIARY EQUIPMENT - G2-G3 PANEL FILTER



G2-G3 Panel Filter	WIDTH	HIEGHT	DEPTH
MODEL	mm	mm	mm
AEPF-G2-G3-287X287X48	287	278	48
AEPF-G2-G3-400X500X48	400	500	48
AEPF-G2-G3-500X500X48	500	500	48
AEPF-G2-G3-500X625X48	500	625	48
AEPF-G2-G3-287X592X48	287	592	48
AEPF-G2-G3-490X592X48	490	592	48
AEPF-G2-G3-592x592x48	592	592	48

## AUXILIARY EQUIPMENT - G2 METAL GRASE HOLDER FILTER



G2 Metal Grease Holder Filter	WIDTH	HIEGHT	DEPTH
MODEL	mm	mm	mm
AEMF-G2-287X287X24	287	278	24
AEMF-G2-400X500X24	400	500	24
AEMF-G2-500X500X24	500	500	24
AEMF-G2-500X625X24	500	625	24
AEMF-G2-287X592X24	287	592	24
AEMF-G2-490X592X24	490	592	24
AEMF-G2-592X592X24	592	592	24

## AUXILIARY EQUIPMENT - G2-G3 METAL GRASE HOLDER FILTER



G2-G3 Metal Grease Holder Filter	WIDTH	HIEGHT	DEPTH
MODEL	mm	mm	mm
AEMF-G2-G3-287X287X48	287	278	48
AEMF-G2-G3-400X500X48	400	500	48
AEMF-G2-G3-500X500X48	500	500	48
AEMF-G2-G3-500X625X48	500	625	48
AEMF-G2-G3-287X592X48	287	592	48
AEMF-G2-G3-490X592X48	490	592	48
AEMF-G2-G3-592X592X48	592	592	48

## AUXILIARY EQUIPMENT - FILTER FRAME



Filter Frame	WIDTH	HIEGHT	DEPTH
MODEL	mm	mm	mm
AEPF-305X305X75	305	305	75
AEPF-305X610X75	305	610	75
AEPF-508X610X75	508	610	75
AEPF-610X610X75	610	610	75
AEPF-305X305X100	305	305	100
AEPF-305X610X100	305	610	100
AEPF-508X610X100	508	610	100
AEPF-610X610X100	610	610	100



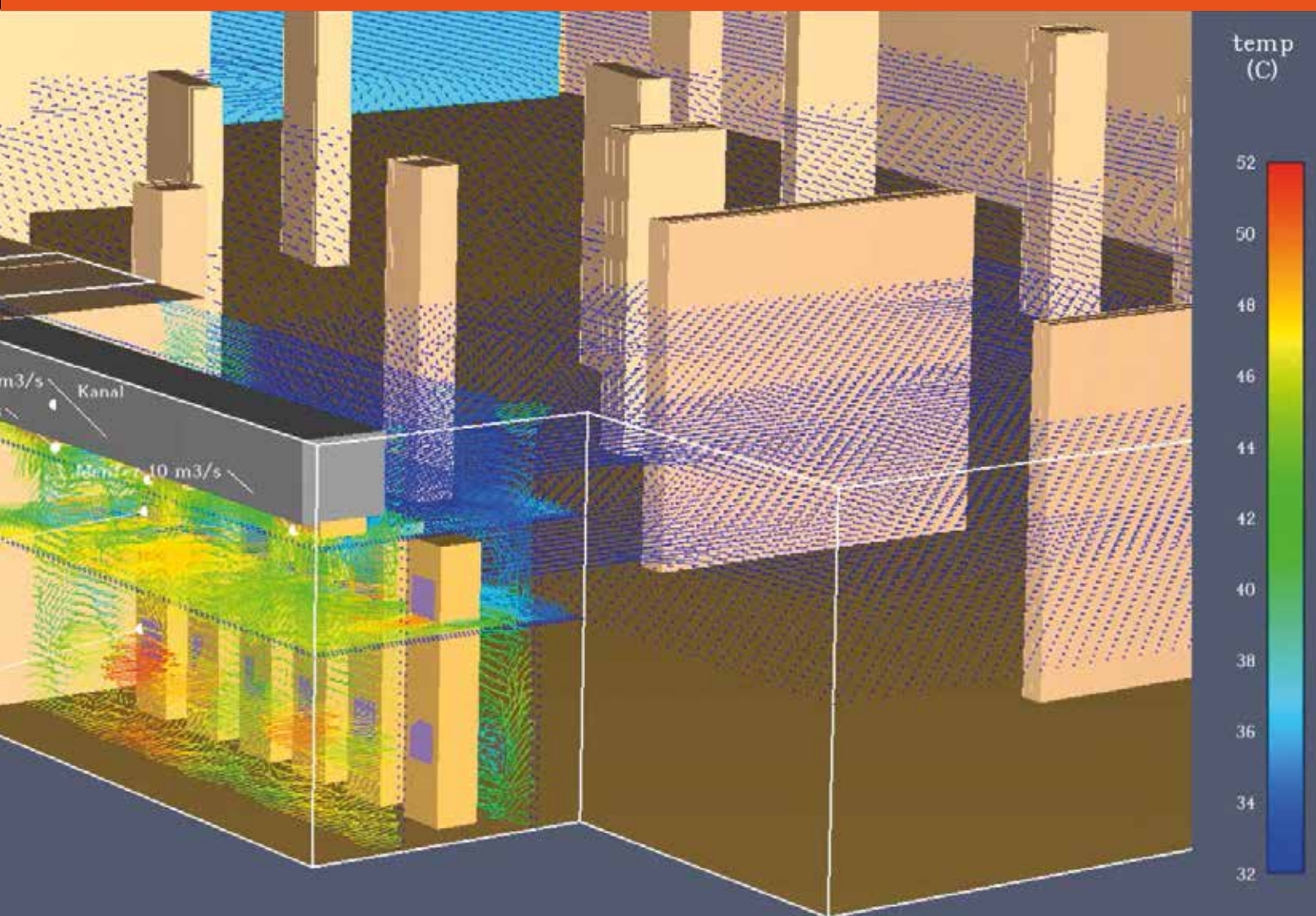
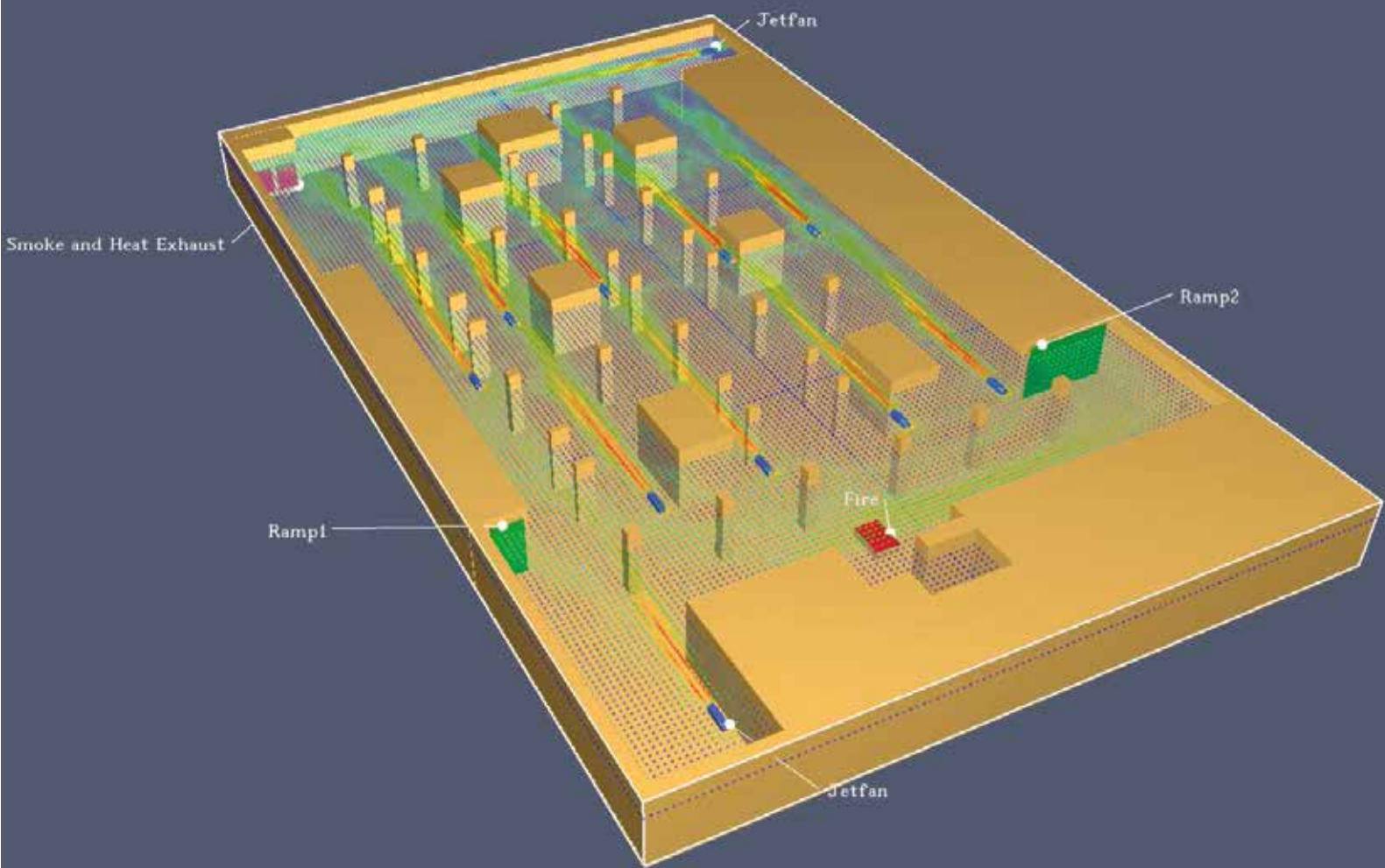
# **TUNNEL SMOKE AND HEAT EXTRACT FANS**

**WITH RESISTANCE TO 300 °C FOR 2 HOURS, CE CERTIFIED**  
**ACCORDING TO EN 12101-3 (NO2184-CPR-0033)**

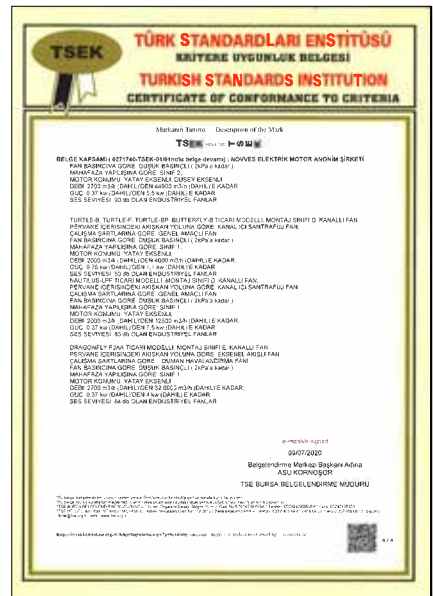
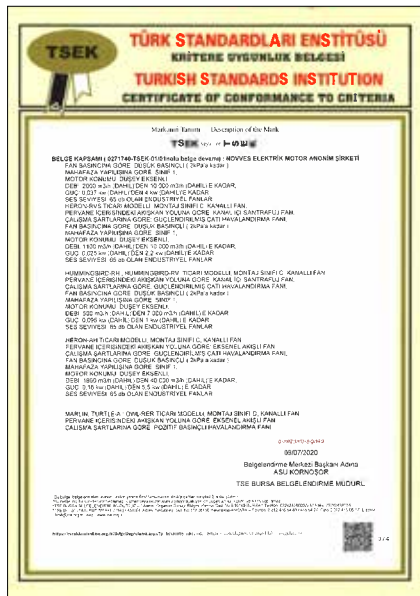


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TUNNEL VENTILATION  
SYSTEM SOLUTIONS**













# NOVVES

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