



Range of in-line cabinet fans, manufactured from galvanised steel sheet with double thickness side panels internally lined with 17 mm thickness of fireproof fibreglass acoustic insulation (M0).

All models incorporate backward curved centrifugal impellers, dynamically balanced and are supplied with circular duct connection flanges and remote terminal box. Available, depending upon the model, with single phase or three phase motors in 4 or 6 poles.

Motors

All the motors are IP55, Class F(1) insulation, with thermal protection (2).

Electrical supply:

Single phase 230V-50Hz.

Three phase 230/400V-50Hz.

(See characteristics chart).

Three phase motors are speed controllable by inverter.

(1) Air stream temperature limits -40°C to +70°C.

Models /4-9000 and /6-6000 to /6-17000 suitable for usage in environments up to +40°C).

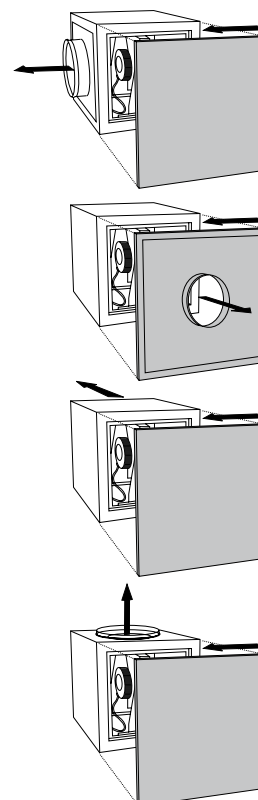
(2) Except models 6000 to 17000.

Specific applications

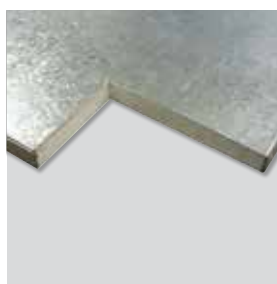


Industrial
kitchens

Versatile design



Backward curved centrifugal impellers
To prevent accumulation of dirtiness. Dynamically balanced.



Low noise level
Double thickness side panels internally lined with 17 mm thickness of fireproof fibreglass acoustic insulation (M0), to reduce significantly the radiated noise.



Cabinet air tightness
All models incorporate inlet and discharge circular duct connection flanges with integrated rubber air seal.



Robustness
Quality finished aluminium corners providing a great robustness.



Anti-vibration mounts
To reduce vibration and noise transmissions to the installation.

TECHNICAL CHARACTERISTICS

Before installation check that the product electrical characteristics listed on the data plate label (voltage, power, frequency, etc.) match those of the intended electrical supply.

Model	Speed (rpm)	Max. abs. power (W)	Maximum absorbed current (A)		Max. airflow (m³/h)	Sound pressure level (dB(A)) at 1,5 m			Weight (kg)	Optional speed controller	
			to 230 V			Outlet	Inlet	Radiated		REB	RMB/RMT
SINGLE PHASE 4 POLE											
CVAB/4-700/200	1375	62	0,3		690	44	46	32	26	REB-1N	RMB-1,5
CVAB/4-1200/250	1340	115	0,57		1.150	47	51	35	30	REB-1N	RMB-1,5
CVAB/4-1500/250	1380	160	0,72		1.520	52	54	42	38	REB-1N	RMB-1,5
CVAB/4-2600/355	1350	275	1,2		2.600	55	60	42	46	REB-2,5N	RMB-1,5
CVAB/4-3800/355	1380	570	2,6		3.750	60	63	48	62	REB-5	RMB-3,5
CVAB/4-5600/400	1380	1100	4,8		5.600	66	70	52	94	REB-5	RMB-8

Model	Speed (rpm)	Max. abs. power (W)	Maximum absorbed current (A)		Max. airflow (m³/h)	Sound pressure level (dB(A)) at 1,5 m			Weight (kg)	Optional speed controller	Optional variable frequency inverter	
			to 230 V	to 400 V		Outlet	Inlet	Radiated			RMB/RMT	VFTM
THREE PHASE 4 POLE												
CVAT/4-700/200	1375	62	0,3	0,17	690	44	46	32	26	RMT-1,5	VFTM TRI-0,37	VFKB-45
CVAT/4-1200/250	1340	115	0,6	0,35	1.150	47	51	35	30	RMT-1,5	VFTM TRI-0,37	VFKB-45
CVAT/4-1500/250	1380	160	0,9	0,5	1.520	52	54	42	38	RMT-1,5	VFTM TRI-0,37	VFKB-45
CVAT/4-2600/355	1350	275	1,4	0,8	2.600	55	60	42	46	RMT-1,5	VFTM TRI-0,37	VFKB-45
CVAT/4-3800/355	1380	570	2,6	1,5	3.750	60	63	48	62	RMT-2,5	VFTM TRI-0,55	VFKB-45
CVAT/4-5600/400	1380	1100	3,1	1,8	5.600	66	70	52	94	RMT-2,5	VFTM TRI-0,55	VFKB-45
CVAT/4-9000/500	1475	2050	8,3	4,8	8.800	75	76	60	105	-	VFTM TRI-2,2	VFKB-48
THREE PHASE 6 POLE												
CVAT/6-6000/500	960	900	5,7	3,3	5.700	65	67	53	105	-	VFTM TRI-1,5	VFKB-45
CVAT/6-10000/630	975	1500	6,7	3,9	10.000	69	70	53	120	-	VFTM TRI-1,5	VFKB-45
CVAT/6-14000/630	965	2500	-	5,4	14.000	73	74	58	160	-	VFTM TRI-2,2	VFKB-48
CVAT/6-17000/710	965	4600	-	9,3	17.100	76	78	60	220	-	VFTM TRI-4	-

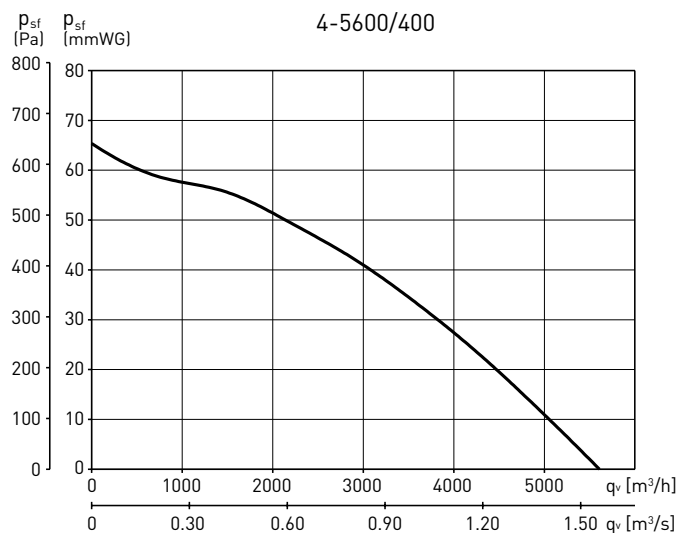
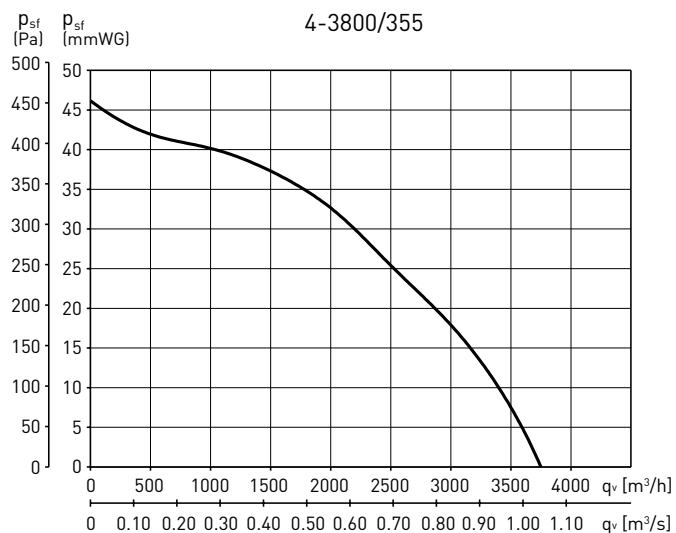
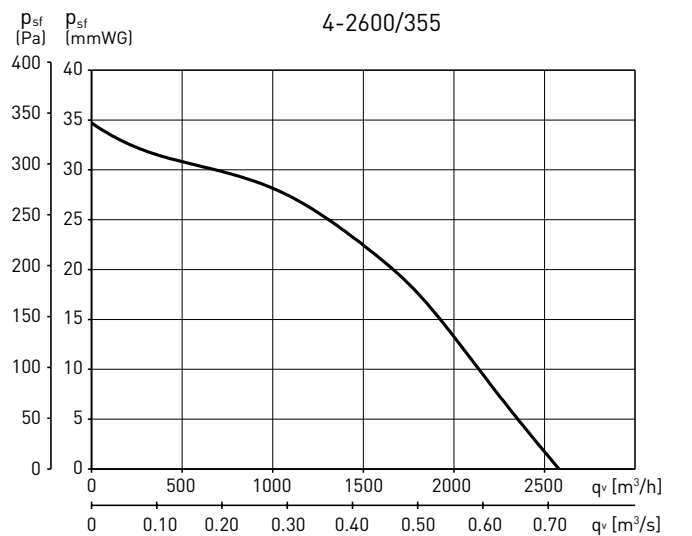
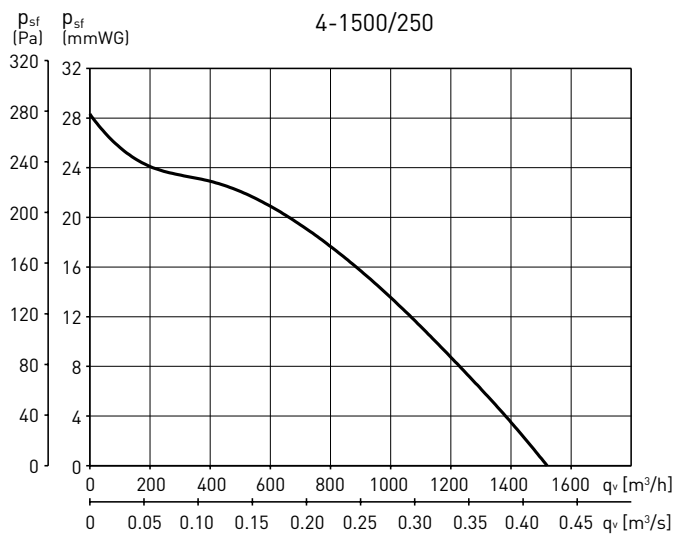
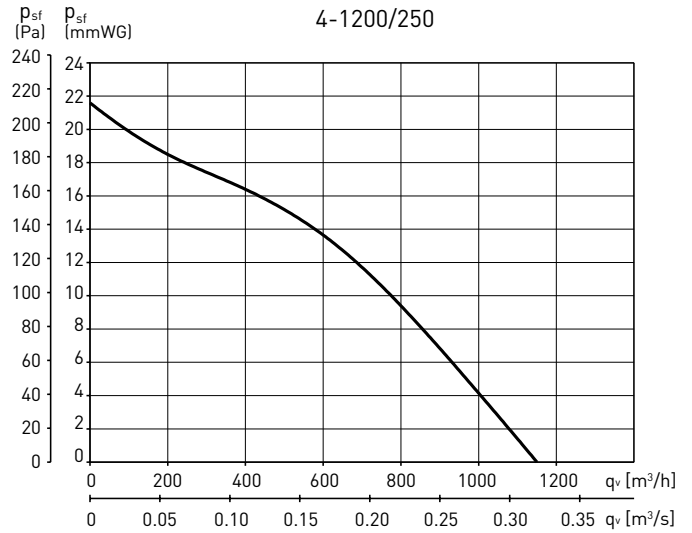
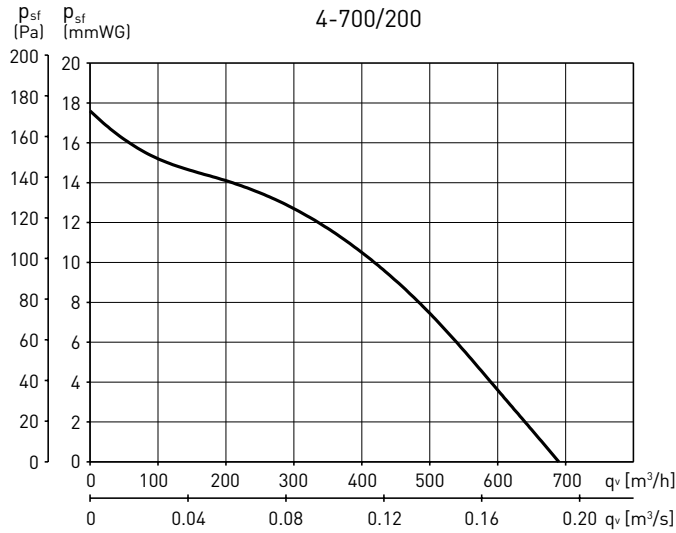
ACOUSTIC CHARACTERISTICS

Sound power level spectrum in dB(A) at the corresponding frequency band (Hz):

Model		63	125	250	500	1000	2000	4000	8000	Model		63	125	250	500	1000	2000	4000	8000
CVAB-CVAT/4 700/200	Outlet	39	48	52	53	52	49	45	42	CVAT/4 9000/500	Outlet	67	69	72	76	89	81	69	62
	Inlet	36	45	51	56	55	51	49	43		Inlet	59	74	81	84	88	80	70	63
	Radiated	31	42	43	37	36	30	29	27		Radiated	59	64	63	61	73	62	53	47
CVAB-CVAT/4 1200/250	Outlet	42	53	53	55	56	53	52	44	CVAT/6 6000/500	Outlet	56	66	71	75	74	71	64	54
	Inlet	37	49	54	60	58	56	60	48		Inlet	50	65	72	75	79	71	61	54
	Radiated	33	46	43	38	38	33	35	28		Radiated	49	61	63	60	58	52	48	39
CVAB-CVAT/4 1500/250	Outlet	53	60	58	60	59	56	50	44	CVAT/6 10000/630	Outlet	65	66	68	78	82	70	63	61
	Inlet	45	54	62	65	59	56	53	42		Inlet	62	68	74	79	81	71	64	52
	Radiated	45	54	49	45	43	36	33	29		Radiated	56	59	58	62	64	49	46	44
CVAB-CVAT/4 2600/355	Outlet	48	59	65	63	63	60	58	53	CVAT/6 14000/630	Outlet	69	70	73	81	85	73	67	60
	Inlet	41	59	69	71	63	63	66	63		Inlet	62	69	75	79	87	72	66	58
	Radiated	38	51	53	45	44	38	39	35		Radiated	61	64	63	66	68	53	50	44
CVAB-CVAT/4 3800/355	Outlet	57	64	69	66	69	64	60	55	CVAT/6 17000/710	Outlet	69	72	75	83	89	76	70	64
	Inlet	54	64	73	72	68	64	59	63		Inlet	65	73	76	81	92	76	70	64
	Radiated	49	57	59	50	52	44	43	39		Radiated	60	65	65	67	71	55	52	47
CVAB-CVAT/4 5600/400	Outlet	64	65	71	73	77	70	66	61										
	Inlet	59	64	73	75	82	76	75	71										
	Radiated	56	59	62	57	60	50	50	45										

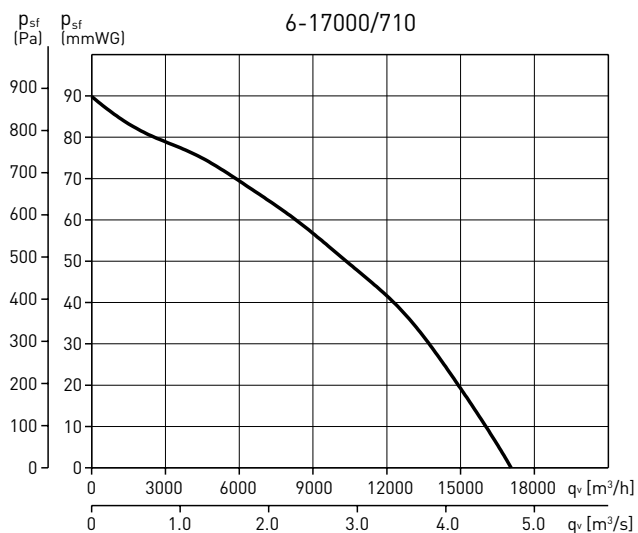
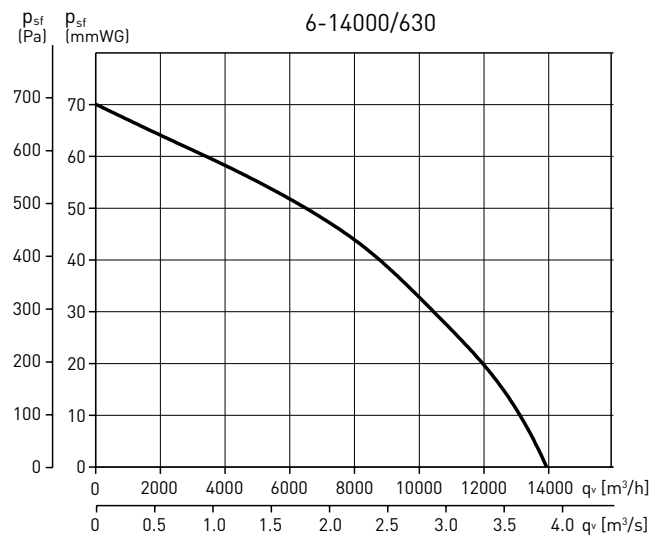
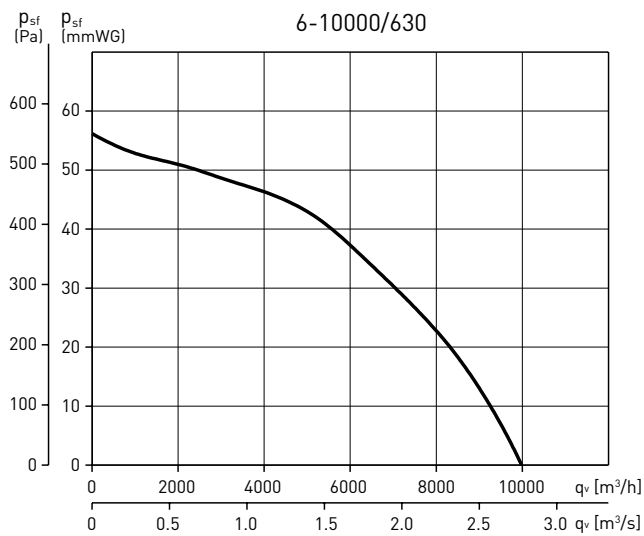
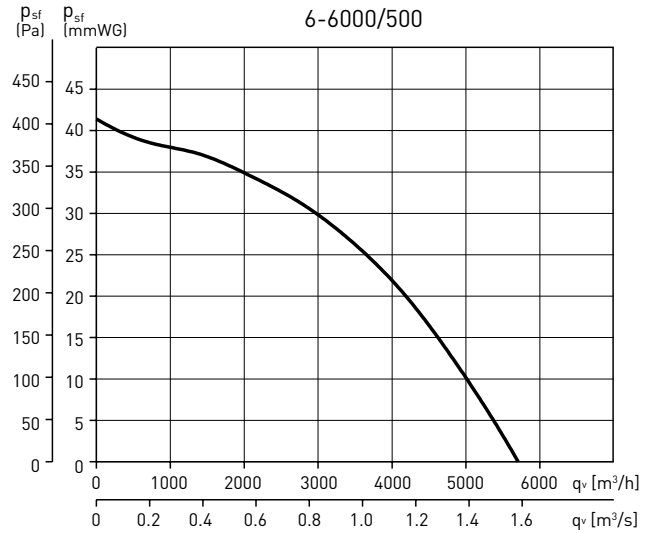
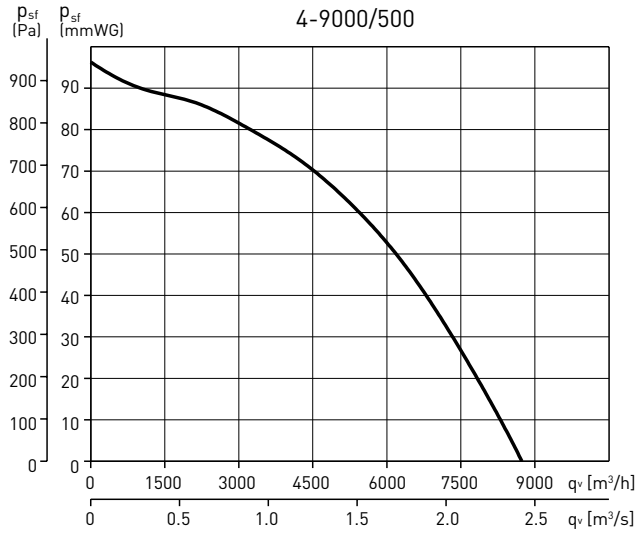
PERFORMANCE CURVES

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

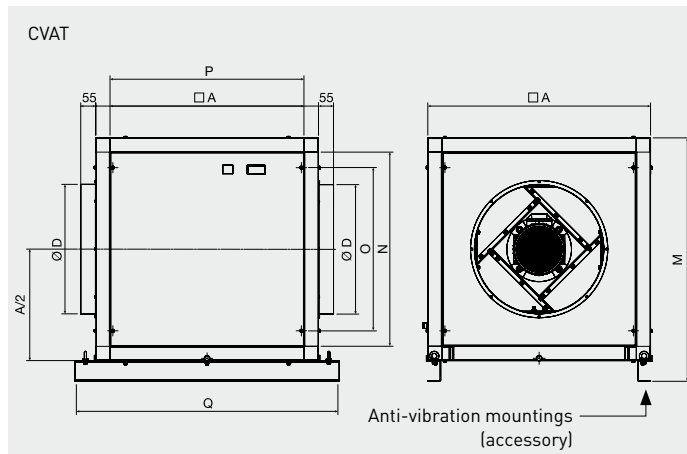
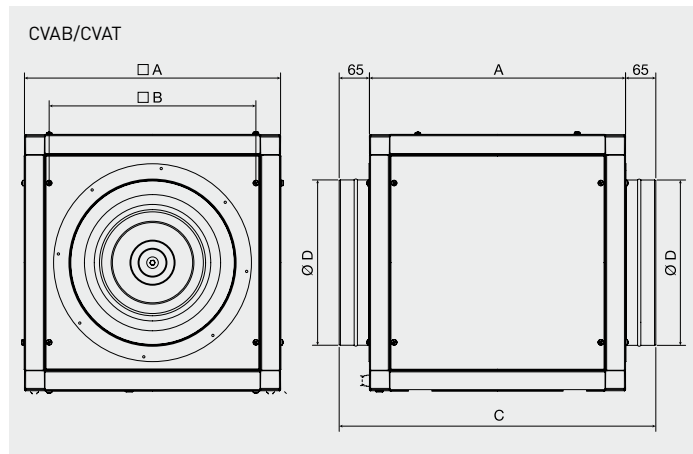


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DIMENSIONS (mm)



Model	A	B	C	Ø D
/4-700/200	400	192	530	200
/4-1200/250	450	242	580	250
/4-1500/250	500	292	630	250
/4-2600/355	550	342	680	355
/4-3800/355	650	442	780	355
/4-5600/400	800	591	930	400

Model	A	Ø D	Q	M	N	O	P
/4-9000/500	860	500	1020	940	774	655	754,4
/6-6000/500	860	500	1020	940	774	655	754,4
/6-10000/630	920	630	1080	1000	834	715	814,4
/6-14000/630	980	630	1140	1060	894	775	874,4
/6-17000/710	1037	710	1197	1117	951	831,5	931,4

MOUNTING ACCESSORIES



MBE
Electric heaters.



MBW
Hot water coil.



MFL-G4
Filtration boxes.



SIL
Sound attenuators.



ACOPEL F400 N
Circular flexible connector.



CRC
Circular reducers.



APC
Discharge protection guards for direct connection to the inlet-outlet flange (for more information see Mounting accessories).



CTI CVA
Outdoor cover
For outdoor installations.

ELECTRICAL ACCESSORIES



REB
Single phase
electronic speed
controllers.



REB-5
Single phase
electronic speed
controllers.



RMB/RMT
Single and three
phase auto
transformer
speed controllers.



**ON/OFF ELECTRICAL
ISOLATION SWITCH**
- Switch ON/OFF 5P
- Switch ON/OFF 8P



TG-K330
Duct temperature
sensor.



PULSER
Single phase/
three phase
electric heater
controller.



**TTC-2000
TTC-2000 + TTS-1**
Three phase
electric heater
controller.
The TTC-2000
needs an external
temperature sensor
to control the heater
(TG-K300 or TG-R530).



VFTM IP54
Adjustable frequency
drives for three
phase motors from
0,37 to 15 kW.



VFKB IP65
Adjustable frequency
drive for three phase
motors from 0,37 to
4 kW.