



VORT QUADRO RANGE

Centrifugal duct fans



For the ventilation of medium-sized or large rooms in commercial premises plus bathrooms, showers, toilets, utilities and kitchens in domestic situations.

- **13 models:** 11 with or without timer and incorporated humidistat, 2 high-efficiency EC-DC brushless motor.
- Backdraught shutter already installed on the product to avoid air back-flow when the unit is turned off.
- Timer models adjustable between 3 and 20 min.
- Motor with thermal cut-out incorporated.
- The units have a high extraction to long ducts are used. Reduced sound levels with superior certified performances on ducted applications.
- The energy saving can be really significant in case of continuous operation of the fan.
- It will also permit power savings associated with the recovery of heat.
- Easy to install and maintain.
- Two Speeds. All models feature two speed operation, including timer equipped models.
- Vort Quadro fans guarantee a low environmental impact. Recyclable materials have been used and the "Design for Disassembly" technique has been followed.
- Protection rating: IPX4.
- Insulation class: II. □

Design: F. Trabucco & Associates



Vort Quadro T-HCS. 3 models.

Adjustable RH threshold at 60%, 70%, 80%, 90% by mean of a slide switch during installation.

Smart working mode: the product automatically switches on when the indoor relative humidity level exceeds the pre-set value. A timer automatically switches off the product when the relative humidity decreases under the pre-set limit.

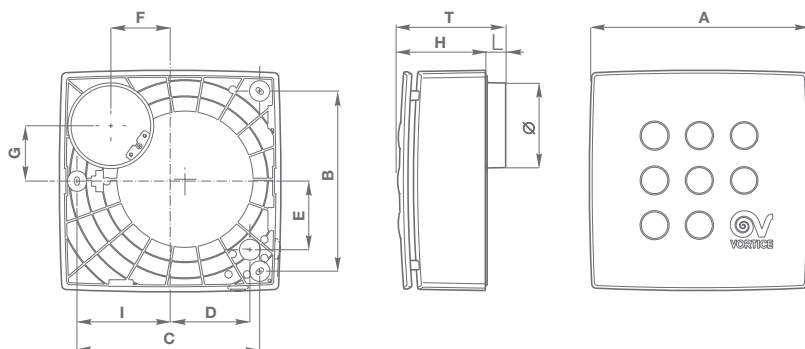
Wiring diagrams shown from page 458

TECHNICAL DATA

Models	Code			V~50Hz	W min/max	A min/max	RPM min/max	Max Airflow		Max Pressure		Lp dB(A) 3 m min/max	Max °C
	BASIC	TIMER	T-HCS					m ³ /h min/max	l/s min/max	mmH ₂ O min/max	Pa min/max		
MICRO 80	11638	11648	-	220 - 240	19 - 27	0.10 - 0.13	1150 - 1580	60 - 85	17 - 24	22 - 27	216 - 265	28.7 - 37	50
MICRO 100	11936	11940	11945		20 - 28		1180 - 1600			65 - 90	18 - 25	16 - 22	
MICRO 100 ES	11937	11941	-		8 - 15	1235 - 1630	9 - 18	88 - 177	31.5 - 37.4				
MEDIO	11944	11946	11975		42 - 53	1380 - 1800	125 - 170	35 - 47	34 - 37			334 - 363	
SUPER	11952	11954	11989		65 - 95	1400 - 2040	185 - 270	51 - 75	42 - 50	412 - 491	41.9 - 48.6	50	





Conforms with ISO 3744 for noise and pressure levels.

DIMENSIONS



Models	A	B	C	D	E	F	G	H	I	L	T	Ø	Kg
MICRO	239	195	197	85	74	64	60	97	100	20	117	92.5/97	1.80
MEDIO	261	212	215	95	82	75	69	119	110		138		2.54
SUPER	290	236	239	108	92	87	81	144	125		164		3.77

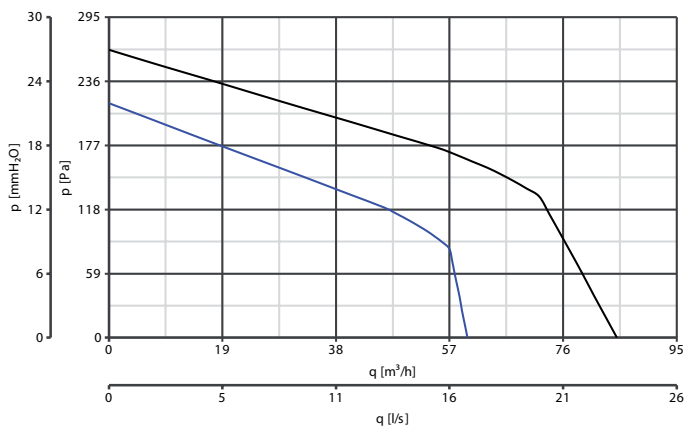
PRODUCT ACCESSORIES

Models	Code	Product												
		MICRO 80 code 11638	MICRO 80 T code 11648	MICRO 100 code 11936	MICRO 100 T code 11940	MICRO 100 T-HCS code 11945	MICRO 100 ES code 11937	MICRO 100 ES T code 11941	MEDIO code 11944	MEDIO T code 11946	MEDIO T-HCS code 11975	SUPER code 11952	SUPER T code 11954	SUPER T-HCS code 11989
 C 1.5 Electronic speed controller 1.5 A	12966	●		●			●		●			●		
 SCNRB Built-in non-reversible electronic speed controller	12971	●		●			●		●			●		
 SCB KIT Built-in controller adaptor for C 1.5	22481	12966												
 M 10/4 Air deflector	22310	●	●	●	●	●	●	●	●	●	●	●	●	●

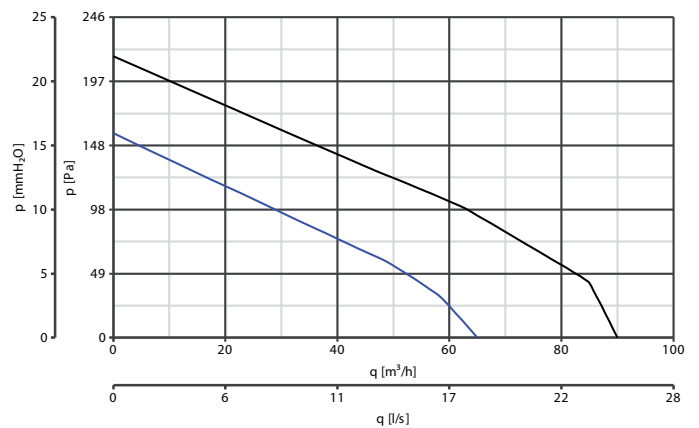
Description and sizes on page 126; System components on page 330.

PERFORMANCE CURVES

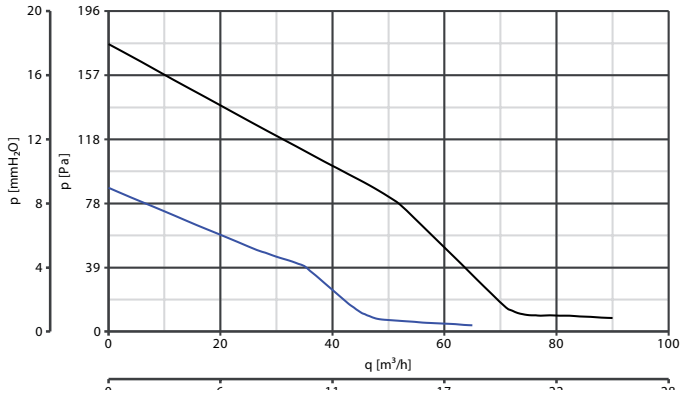
MICRO 80 code 11638
MICRO 80 T code 11648



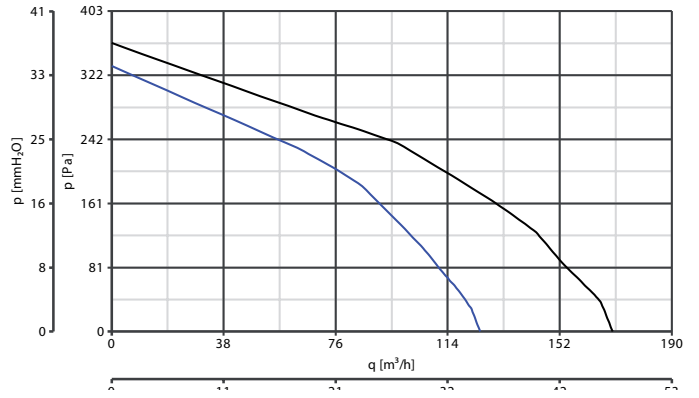
MICRO 100 code 11936
MICRO 100 T code 11940
MICRO 100 T-HCS code 11945



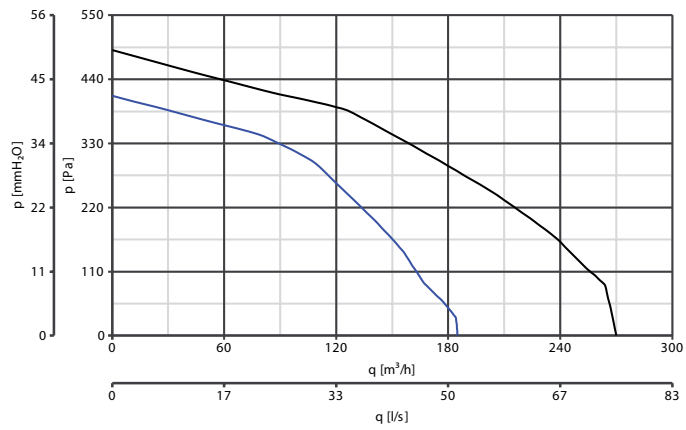
MICRO 100 ES code 11937
MICRO 100 T ES code 11941



MEDIO code 11944
MEDIO T code 11946
MEDIO T-HCS code 11975



SUPER code 11952
SUPER 11954 code 11954
SUPER T-HCS code 11989



— min
 — max



VORT QUADRO I RANGE

Centrifugal duct fans for flush mounting

For the ventilation of medium-sized or large rooms in commercial premises plus bathrooms, showers, toilets, utilities and kitchens in domestic situations.



Design: F. Trabucco & Associates



- **11 models:** 9 with or without timer and incorporated humidistat, 2 high-efficiency EC-DC brushless motor.
- Flush mounting.
- Backdraught shutter already installed on the product to avoid air back-flow when the unit is turned off.
- Timer models adjustable between 3 and 20 min.
- Motor with thermal cut-out incorporated.
- The units have a high extraction to long ducts are used. Reduced sound levels with superior certified performances on ducted applications.
- The energy saving can be really significant in case of continuous operation of the fan.
- It will also permit power savings associated with the recovery of heat.
- Easy to install and mantain.
- Two Speeds. All models feature two speed operation, including timer equipped models.
- Vort Quadro fans guarantee a low enviromental impact. Recyclable materials have been used and the "Design for Disassembly" technique has been followed.
- Protection rating: IPX4.
- Insulation class: II. □

Vort Quadro T-HCS. 3 models.

Adjustable RH threshold at 60%, 70%, 80%, 90% by mean of a slide switch during installation.

Smart working mode: the product automatically switches on when the indoor relative humidity level exceeds the pre-set value. A timer automatically switches off the product when the relative humidity decreases under the pre-set limit.

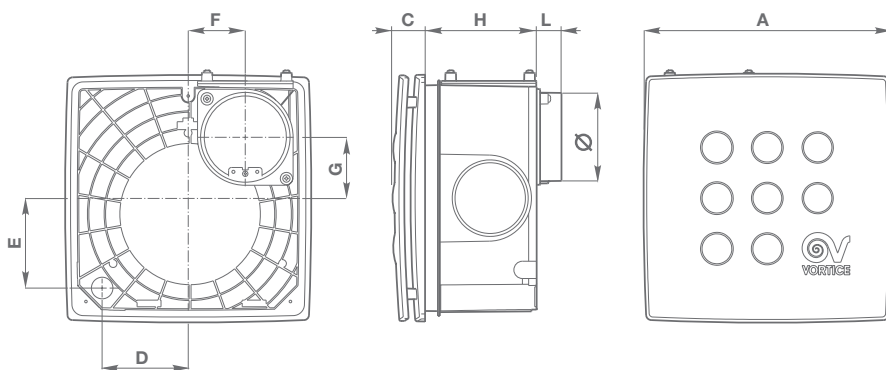
Wiring diagrams shown from page 458

TECHNICAL DATA

Models	Code			V~50Hz	W min/max	A min/max	RPM min/max	Max Airflow		Max Pressure		Lp dB(A) 3 m		Max °C
	BASIC	TIMER	T-HCS					m³/h min/max	l/s min/max	mmH₂O min/max	Pa min/max	frontal min/max	side min/max	
MICRO 100 I	12017	12018	12065	220-240	25 - 33	0.12 - 0.15	1010 - 1450	75 - 110	21 - 31	20 - 25	196 - 245	26.3 - 34.3	25.9 - 33.5	50
MICRO 100 I ES	12045	12046	-		8 - 15	0.08 - 0.12	1090 - 1430	75 - 100	21 - 28	9 - 18	88 - 177	31.8 - 38.4	29.9 - 37.8	
MEDIO I	12020	12021	12066		45 - 60	0.21 - 0.27	1200 - 1600	130 - 180	36 - 50	34 - 37	334 - 363	35.9 - 41.2	33.4 - 39.6	40
SUPER I	12023	12024	12067		70 - 100	0.31 - 0.48	1300 - 1900	190 - 280	53 - 78	42 - 50	412 - 491	33.6 - 46.7	30 - 44.6	50

Conforms with ISO 3744 for noise and pressure levels.





DIMENSIONS



Models	A	C	D	E	F	G	H	L	Ø	Kg
MICRO 100 I	258	34	92	90	64	60	118	26	92.5/97	1.91
MEDIO I	287	37	97	103	72	69	130			2.79
SUPER I	314	38	120	120	80	81	153			4.29

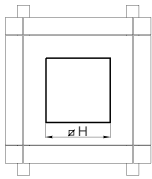
Dimensions (mm)

PRODUCT ACCESSORIES

Models	Code	Product										
		MICRO 100 I code 12017	MICRO 100 I T code 12018	MICRO 100 TI -HCS code 12065	MICRO 100 I ES code 12045	MICRO 100 ES I T code 12046	MEDIO I code 12020	MEDIO I T code 12021	MEDIO I T-HCS code 12066	SUPER I code 12023	SUPER I T code 12024	SUPER I T-HCS code 12067
 C 1.5 Electronic speed controller 1.5 A	12966	●			●		●					
 SCNRB Built-in non-reversible electronic speed controller	12971	●			●		●				●	
 SCB KIT Built-in controller adaptor for C 1.5	22481	12966										
 M 10/4 Air deflector	22310	●	●	●	●	●	●	●	●	●	●	●
CEILING KIT MICRO	22491	●	●	●	●	●						
CEILING KIT MEDIO	22492						●	●	●			
CEILING KIT SUPER	22493									●	●	●

Description and sizes on page 126; System components on page 330.

Ceiling kit

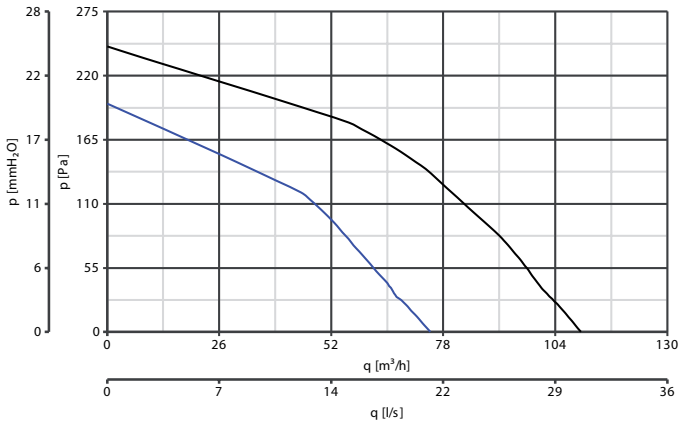


Models	Code	$\varnothing H$
MICRO	22491	265
MEDIO	22492	285
SUPER	22493	330

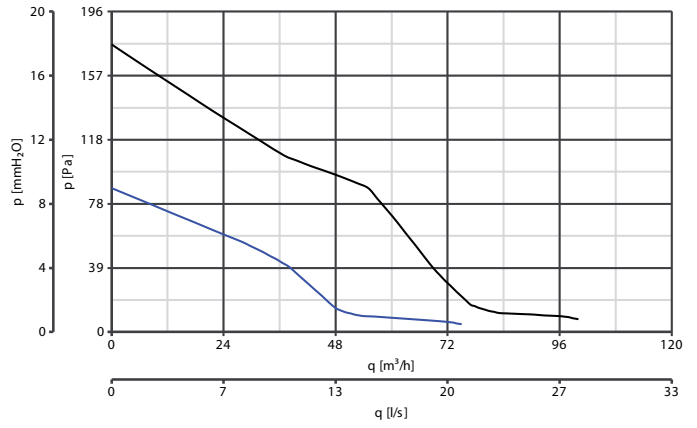
Dimensions (mm)

PERFORMANCE CURVES

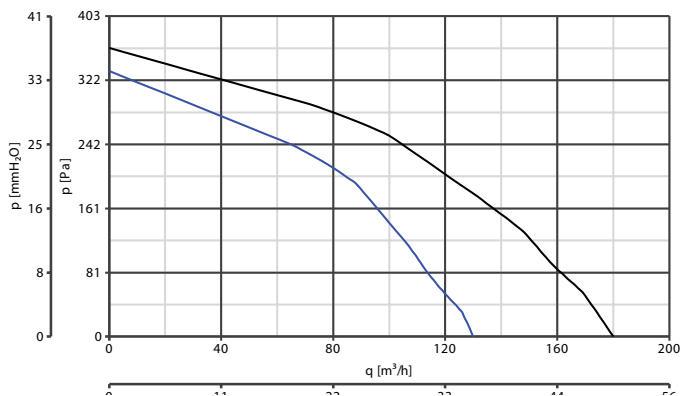
MICRO 100 I code 12017
MICRO 100 I T code 12018
MICRO 100 I T-HCS code 12065



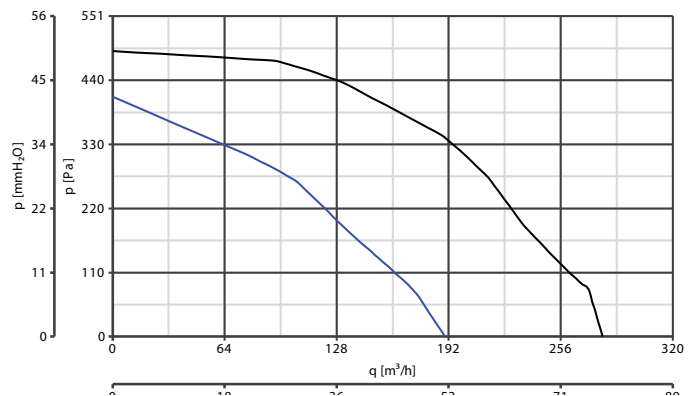
MICRO 100 I ES code 12045
MICRO 100 I T ES code 12046



MEDIO I code 12020
MEDIO I T code 12021
MEDIO I T-HCS code 12066



SUPER I code 12023
SUPER I T code 12024
SUPER I T-HCS code 12067



— min
 — max