



SIL·AIR
compressors



ISO 9001
ISO 13485
Quality System

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dental compressors



COMPRESSORI DENTALI
DENTAL COMPRESSORS
COMPRESSEURS DENTAIRES
DENTALKOMPRESSOREN
COMPRESORES DENTALES



Tutti i modelli presenti in questo catalogo riportano la marcatura CE in conformità alla direttiva 2006/42/CE. Nel caso di interesse per modelli marcati come dispositivi medicali in accordo al regolamento UE 2017/745, contattare l'Ufficio Commerciale per richiedere informazioni sui prodotti disponibili.

All models listed in this catalogue bear the CE mark according to directive 2006/42/EC. If models marked as medical devices according to regulation EU 2017/745 are needed, please contact our Sales Department for informations about the available products.

Tous les modèles illustrés dans ce catalogue portent la marque CE conformément à la directive 2006/42/CE. Dans le cas d'intérêt pour les modèles marqués comme des dispositifs médicaux selon la règlement UE 2017/745, contactez notre service commercial pour des informations sur les produits disponibles.

Sämtlich in diesem Katalog beinhalteten Produkte entsprechen die Richtlinie 2006/42/EG. Sollten Geräte verlangt werden, die als Medizinprodukte nach verordnung EU 2017/745 gekennzeichnet sind, setzen Sie sich bitte mit unserer Verkaufsabteilung in Verbindung, die Ihnen Informationen über die verfügbaren Produkte geben kann.

Todos los modelos contenidos en este catálogo llevan la marca CE acorde a la directiva 2006/42/CE. En el caso de los intereses de los modelos marcados como dispositivos médicos de acuerdo con el reglamento UE 2017/745, por favor póngase en contacto con nuestro departamento comercial para información sobre los productos disponibles.

CERTIFICAZIONI

Werther International ha sempre avuto la qualità ed il servizio al cliente come linee guida del proprio lavoro e nel 2010 ha conseguito le certificazioni ISO9001 e ISO13485 del proprio sistema di qualità per l'area compressori. Vari prodotti di Werther sono inoltre conformi a standard di certificazione internazionali come CE, CSA, GOST ed altri ancora.

CERTIFICATIONS

Werther International has always had quality and service to customers as guidelines for its work; in 2010 Werther International have attained the ISO 9001 and ISO 13485 certifications of their Quality System in the compressors division. Besides, various Werther products comply with international certification standards such as CE, CSA, Gost and more.

CERTIFICATIONS

Werther International a toujours considéré qualité et service aux clients comme les lignes directrices de son travail; en 2010 Werther International a obtenu les certifications ISO 9001 et ISO 13485 du système de la qualité dans le secteur des compresseurs. D'ailleurs, plusieurs produits Werther sont conformes à standards internationaux de certification tels que CE, CSA, Gost et autres.

ZERTIFIZIERUNGEN

Qualität Und Kundenorientierung sind bei Werther International seit jeher Leitlinien der Firmenphilosophie. Aus diesem Grund wurden die Zertifizierungen ISO 9001 und ISO 13485 des betrieblichen Qualitätssicherungssystems für den Kompressor-Bereich angestrebt und erreicht. Eine Mehrzahl von Produkten von Werther International entsprechen internationalen Standards und Normen wie CE, CSA, Gost u.v.a.m.

CERTIFICACIONES

Werther Internacional siempre ha puesto la calidad del producto y el servicio al cliente como guía de su trabajo y en 2010 recibió certificaciones ISO 9001 y ISO 13485 del Sistema de Calidad en el sector de los compresores. Varios productos de Werther también son compatibles con los estándares de certificación internacionales como CE, CSA, Gost y varios otros.

dental compressors

dental compressors 3

DENTAL

62 l/min - 2,21 C.F.M.



121 l/min - 4,32 C.F.M.



144 l/min - 5,14 C.F.M.



178 l/min - 6,36 C.F.M.



TANDEM 9

242 l/min - 8,64 C.F.M.



288 l/min - 10,29 C.F.M.



356 l/min - 12,71 C.F.M.



silent high performance oil less compressors 12

CWF 100 TC

CWF 100 WHITE

CWF 100/24

CWF 100/50

cad-cam compressors 15

CWF 100x2/50

TANDEM CAD-CAM

silent oil less compressors 17

CMC 90N
C 120

WHITE MAMBA
WHITE MAMBA 120

C 196/24
C 196/50

C 196x2/100

DOUBLE MAMBA
DOUBLE MAMBA DRY

aspirators 22

TORNADO

TORNADO TWINS

ASP

veterinary and lubricated compressors 25

PORTADENT

PORTADENT OIL-LESS

SIL AIR

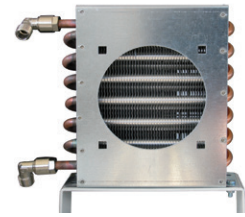
optionals 27

DRY KIT

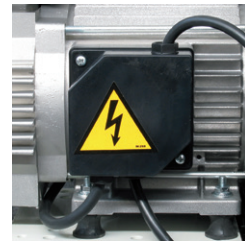
SALVASILENZIO



RADIATORE: scambiatore di calore per abbassare il punto di rugiada.
RADIATOR: heat exchanger to decrease the dew point.
RADIATEUR: Échangeur de chaleur pour reduire le point de rosee.
RADIATOR: Waermeaustauscher, um den Taupunkt zu erniedrigen.
RADIADOR: control de calor para rebajar la humedad.



PROTEZIONE TERMICA: per eliminare il rischio di danneggiamento al motore.
THERMAL PROTECTION: to protect motor from overheating.
PROTECTION THERMIQUE: pour eliminer le risque de dommage au moteur.
WAERMESCHUTZ: Überstrom und Heizungsschutz für den motor.
PROTECCIÓN TERMAL: para evitar daños al motor.



SERBATOIO: riserva dell'aria compressa, rivestimento interno anti corrosione.
AIR-TANK: rust-proof internal coating.
CUVE: cuve d'air comprimè, avec revêtement intérieur anticorrosif.
DRUCKLUFTTANK: Behälter, mit korrosionshemmender Innenauskleidung.
DEPOSITO: aire comprimido sin oxidacion interna.



CUSCINETTO: cuscinetto a tenuta stagna autolubrificato.
BALL BEARING: Sealed, self lubricating bearing.
ROULEMENT: roulement étanche, autolubrifié.
LAGER: Verdichtetes, Selbstschmierlager.
BALEROS: auto lubricante a prueba de agua.



MOBILE: Particolare protezione acustica.
CABINET: Sound reducing housing.
MEUBLE: insonorisation spéciale.
GEHÄUSE: Schalldämpfender Vorschalung.
CAJA: Protección acústica particular.



ESSICCATORE: con eliminazione automatica dell'acqua di condensa e rigenerazione della materia essiccante
AIR-DRYER: with automatic elimination of the condensation water and regeneration of the drying material.
DESSICATEUR: avec élimination automatique de l'eau de condensation et régénération du produit déshydratant.
LUFTTROCKNER: mit automatischer Kondensatabscheidung und Regenerierung des Trocknungsgranulats.
SECADOR: con eliminación automática de agua de condensación y regeneración de la materia desecante.



DENTAL 1

Compressori dentali a secco
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62 l/min - 2,21 C.F.M.

0,75 HP



L/min 100
C.F.M. 3,57

Bar 7
Psi 101

l 24
Gal. 6,34

1 ph 230 V/50 Hz - 4,8 A

L/min 62
C.F.M. 2,21
@ 5 bar (73 Psi)

kW 0,93

1 ph 115 V/60 Hz - 7,8 A

L/min 60
C.F.M. 2,14
@ 5 bar (73 Psi)

kW 0,85



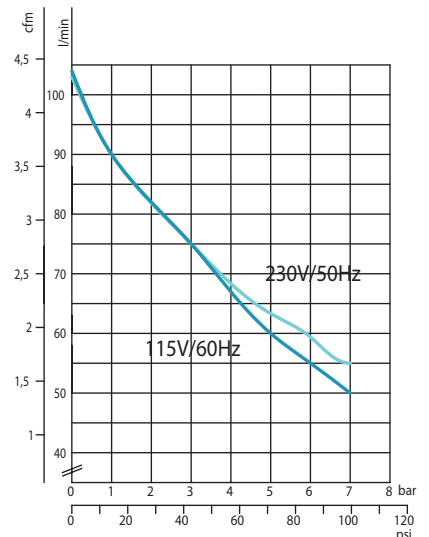
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1/24/39
1/24/379



1/24/3



dental	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
1/24/3	70	65x30x70	26x12x28	28 - 62	90x50x70	35x20x28	40 - 88
1/24/5	70	45x45x65	18x18x26	28 - 62	55x55x65	22x22x26	40 - 88
1/24/37	70	65x40x70	26x16x28	38 - 84	85x70x100	33x28x39	50 - 110
1/24/57	70	45x60x70	18x24x28	38 - 84	85x70x100	33x28x39	50 - 110
1/24/39	55	75x58x81	29x23x32	58 - 128	85x70x100	33x28x39	85 - 187
1/24/379	55	75x58x81	29x23x32	68 - 150	85x70x100	33x28x39	90 - 198

versioni / versions / versions / versionen / versiones

3	Serbatoio orizzontale Cylindrical tank Curve horizontal Horizontaler Behälter Deposito orizzantal	5	Serbatoio verticale Pancake tank Curve vertical Vertikaler Behälter Deposito vertical	7	Essiccatore Air - Drier Dessiccateur Luft - Trockner Secador	9	Mobile insonorizzato Sound-cabinet Armoire insonorisée Schalldämpfendes Gehäuse Caja acústica
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DENTAL 2



Compressori dentali a secco
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dental
compressors



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121 l/min - 4,32 C.F.M.

1,5 HP



L/min **155**
C.F.M. **5,54**

Bar **7**
Psi **101**

l **24**
Gal. **6,34**

1 ph 230 V/50 Hz - 7 A

L/min **121**
C.F.M. **4,32**
@ 5 bar (73 Psi)

kW **1,25**

1 ph 115 V/60 Hz - 17 A

L/min **139**
C.F.M. **4,96**
@ 5 bar (73 Psi)

kW **1,25**



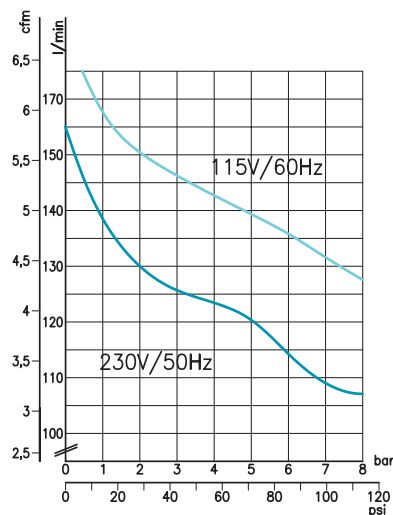
2/24/57



2/24/39
2/24/379



2/24/5



dental	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
2/24/3	72	65x30x70	26x12x28	31 - 68	90x50x70	35x20x28	45 - 99
2/24/5	72	45x45x65	18x18x26	31 - 68	55x55x65	22x22x26	45 - 99
2/24/37	72	65x40x70	26x16x28	41 - 90	85x70x100	33x28x39	55 - 121
2/24/57	72	45x60x70	18x24x28	41 - 90	85x70x100	33x28x39	55 - 121
2/24/39	56	75x58x81	29x23x32	61 - 134	85x70x100	33x28x39	90 - 198
2/24/379	56	75x58x81	29x23x32	71 - 156	85x70x100	33x28x39	100 - 220

versioni / versions / versions / versionen / versiones

3	Serbatoio orizzontale Cylindrical tank Curve horizontale Horizontaler Behälter Deposito orizzontal	5	Serbatoio verticale Pancake tank Curve vertical Vertikaler Behälter Deposito vertical	7	Essiccatore Air - Drier Dessiccateur Luft - Trockner Secador	9	Mobile insonorizzato Sound-cabinet Armoire insonorisée Schalldämpfendes Gehäuse Caja acústica
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DENTAL 2



Compressori dentali a secco
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Compresseurs dentaires à sec
Dental-Trockenlaufkompressoren
Compresores detales a seco

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121 l/min - 4,32 C.F.M.

1,5 HP



2/50/57



l/min **155**
C.F.M. **5,54**



Bar **7**
Psi **101**



l **50**
Gal. **13,21**

1 ph 230 V/50 Hz - 7 A



@ 5 bar (73 Psi)

l/min **121**
C.F.M. **4,32**



kW **1,25**

1 ph 115 V/60 Hz - 17 A



@ 5 bar (73 Psi)

l/min **139**
C.F.M. **4,96**



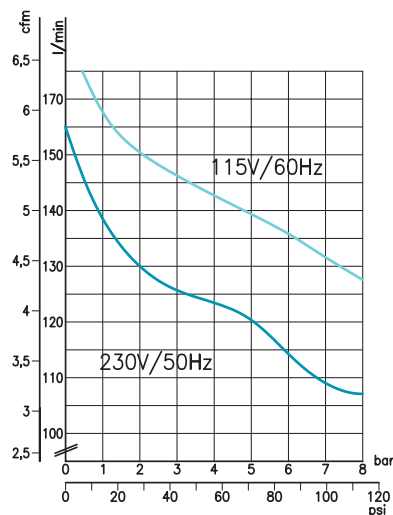
kW **1,25**



2/50/39
2/50/379



2/50/5



dental	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
2/50/5	72	45x45x90	18x18x35	44 - 97	85x70x100	33x28x39	50 - 110
2/50/57	72	45x65x90	18x26x35	54 - 119	85x70x100	33x28x39	60 - 132
2/50/39	56	75x58x81	29x23x32	84 - 185	85x70x100	33x28x39	105 - 231
2/50/379	56	75x58x81	29x23x32	94 - 207	85x70x100	33x28x39	115 - 253

versioni / versions / versions / versionen / versiones

3	Serbatoio orizzontale Cylindrical tank Curve horizontale Horizontaler Behälter Deposito orizzantal	5	Serbatoio verticale Pancake tank Curve vertical Vertikaler Behälter Deposito vertical	7	Essiccatore Air - Drier Dessiccateur Luft - Trockner Secador	9	Mobile insonorizzato Sound-cabinet Armoire insonorisée Schalldämpfendes Gehäuse Caja acústica
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DENTAL 3

Compressori dentali a secco
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compressors



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144 l/min - 5,14 C.F.M.

2 HP



l/min **207**
C.F.M. **7,39**

Bar **7**
Psi **101**

l **24**
Gal. **6,34**

1 ph 230 V/50 Hz - 10 A

l/min **144**
C.F.M. **5,14**
@ 5 bar (73 Psi)

kW **2,1**

1 ph 115 V/60 Hz - 18 A

l/min **184**
C.F.M. **6,57**

kW **1,97**



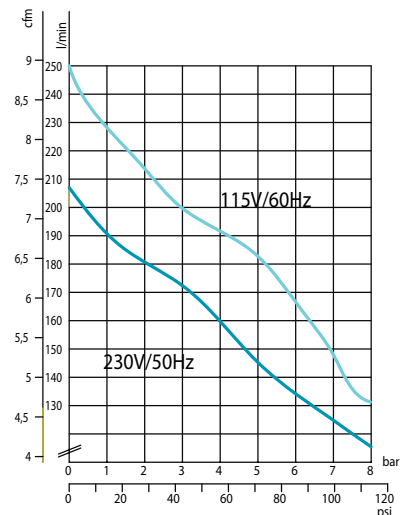
3/24/37



3/24/39
3/24/379



3/24/5



dental	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
3/24/3	74	65x30x70	26x12x28	35 - 77	90x50x70	35x20x28	50 - 110
3/24/5	74	45x45x65	18x18x26	35 - 77	55x55x65	22x22x26	50 - 110
3/24/37	74	65x40x70	26x16x28	45 - 99	85x70x100	33x28x39	60 - 132
3/24/57	74	45x60x70	18x24x28	45 - 99	85x70x100	33x28x39	60 - 132
3/24/39	62	75x58x81	29x23x32	65 - 143	85x70x100	33x28x39	95 - 209
3/24/379	62	75x58x81	29x23x32	75 - 165	85x70x100	33x28x39	105 - 231

versioni / versions / versions / versionen / versiones

3	Serbatoio orizzontale Cylindrical tank	5	Serbatoio verticale Pancake tank	7	Essiccatore Air - Drier	9	Mobile insonorizzato Sound-cabinet
	Curve orizzontale Horizontaler Behälter Deposito orizzontal		Curve vertical Vertikaler Behälter Deposito vertical		Dessiccateur Luft - Trockner Secador		Armoire insonorisée Schalldämpfendes Gehäuse Caja acústica

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144 l/min - 5,14 C.F.M.

2 HP



l/min **207**
C.F.M. **7,39**

Bar **7**
Psi **101**

l **50**
Gal. **13,21**

1 ph 230 V/50 Hz - 10 A



l/min **144**
C.F.M. **5,14**

@ 5 bar (73 Psi)



kW **2,1**

1 ph 115 V/60 Hz - 18 A



l/min **184**
C.F.M. **6,57**

@ 5 bar (73 Psi)



kW **1,97**

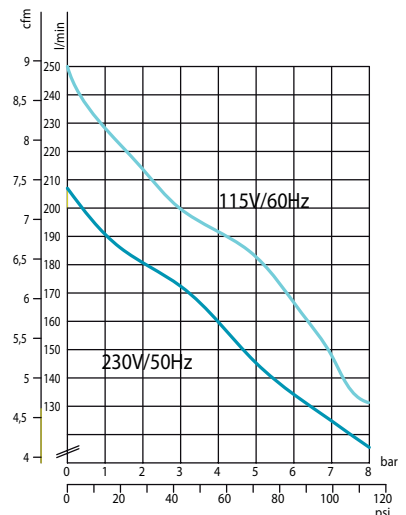
3/50/57



3/50/39
3/50/379



3/50/5



dental	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
3/50/5	74	45x45x90	18x18x35	48 - 106	85x70x100	33x28x39	60 - 132
3/50/57	74	45x65x90	18x26x35	58 - 128	85x70x100	33x28x39	70 - 154
3/50/39	62	75x58x81	29x23x32	88 - 194	85x70x100	33x28x39	110 - 242
3/50/379	62	75x58x81	29x23x32	98 - 216	85x70x100	33x28x39	120 - 264

versioni / versions / versions / versionen / versiones

3	Serbatoio orizzontale Cylindrical tank	5	Serbatoio verticale Pancake tank	7	Essiccatore Air - Drier	9	Mobile insonorizzato Sound-cabinet
	Curve orizzontale Horizontaler Behälter Deposito orizzontal		Curve vertical Vertikaler Behälter Deposito vertical		Dessiccateur Luft - Trockner Secador		Armoire insonorisée Schalldämpfendes Gehäuse Caja acústica

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DENTAL 4

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dental
compressors



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178 l/min - 6,36 C.F.M.

2,5 HP



l/min **241**
C.F.M. **8,61**

Bar **7**
Psi **101**

l **50**
Gal. **13,21**

1 ph 230 V/50 Hz - 12 A

l/min **178**
C.F.M. **6,36**
@ 5 bar (73 Psi)

kW **2,48**

1 ph 220 V/60 Hz - 11 A

l/min **180**
C.F.M. **6,43**
@ 5 bar (73 Psi)

kW **2,15**

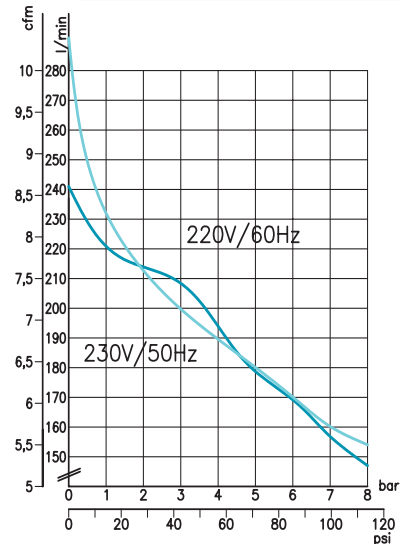
4/50/57



4/50/39
4/50/379



4/50/5



dental	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
4/50/5	74	45x45x90	18x18x35	49 - 108	85x70x100	33x28x39	61 - 134
4/50/57	74	45x65x90	18x26x35	59 - 130	85x70x100	33x28x39	71 - 157
4/50/39	62	75x58x81	29x23x32	89 - 196	85x70x100	33x28x39	111 - 245
4/50/379	62	75x58x81	29x23x32	99 - 218	85x70x100	33x28x39	121 - 267

versioni / versions / versions / versionen / versiones

3	Serbatoio orizzontale Cylindrical tank Curve horizontale Horizontaler Behälter Deposito orizzantal	5	Serbatoio verticale Pancake tank Curve vertical Vertikaler Behälter Deposito vertical	7	Essiccatore Air - Drier Dessiccateur Luft - Trockner Secador	9	Mobile insonorizzato Sound-cabinet Armoire insonorisée Schalldämpfendes Gehäuse Caja acústica
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TANDEM 2



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compressors



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242 l/min - 8,64 C.F.M.

3 HP



l/min **310**
C.F.M. **11,07**

Bar **7**
Psi **101**

l **100**
Gal. **26,42**

1 ph 230 V/50 Hz - 14 A

l/min **242**
C.F.M. **8,64**
@ 5 bar (73 Psi)

kW **2,5**

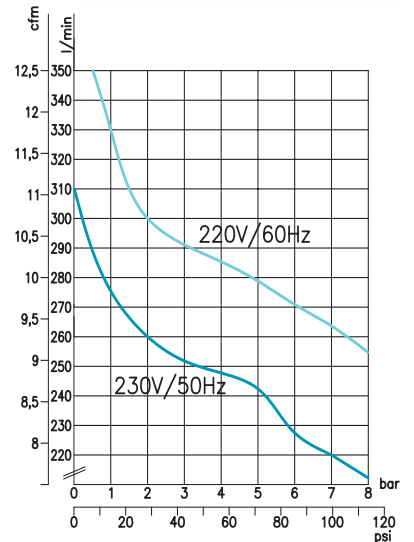
1 ph 220 V/60 Hz - 17 A

l/min **278**
C.F.M. **9,93**
@ 5 bar (73 Psi)

kW **2,5**



TANDEM 2



dental	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
2x2/100/3	76	135x41x87	53x16x34	85 - 187	145x75x107	57x30x42	100 - 220
2x2/100/37	76	135x65x87	53x26x34	105 - 231	145x75x107	57x30x42	120 - 264

versioni / versions / versions / versionen / versiones

3	Serbatoio orizzontale	7	Essiccatore
	Cylindrical tank		Air - Drier
	Curve horizontale		Dessiccateur
	Horizontaler Behälter		Luft - Trockner
	Deposito orizzontal		Secador

TANDEM 3

Compressori dentali a secco
Oil free dental compressors
Compresseurs dentaires à sec
Dental-Trockenlaufkompressoren
Compressores detales a seco

dental
compressors



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288 l/min - 10,29 C.F.M.

4 HP



l/min **414**
C.F.M. **14,8**

Bar **7**
Psi **101**

l **100**
Gal. **26,42**

1 ph 230 V/50 Hz - 20 A



l/min **288**
C.F.M. **10,29**

@ 5 bar (73 Psi)



kW **4,2**

1 ph 220 V/60 Hz - 18 A



l/min **368**
C.F.M. **13,14**

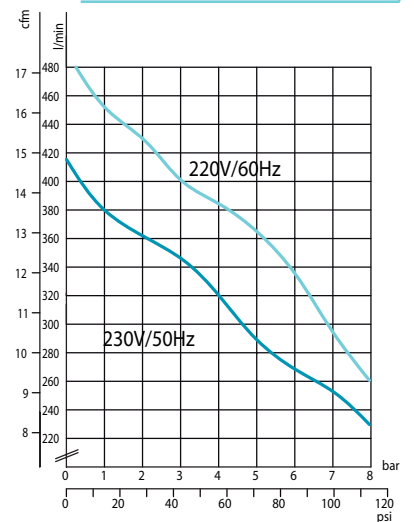
@ 5 bar (73 Psi)



kW **3,94**



TANDEM 3



dental	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
2x3/100/3	78	135x41x87	53x16x34	95 - 209	145x75x107	57x30x42	110 - 242
2x3/100/37	78	135x65x87	53x26x34	115 - 254	145x75x107	57x30x42	130 - 286

versioni / versions / versions / versionen / versiones

3	Serbatoio orizzontale	7	Essiccatore
	Cylindrical tank		Air - Drier
	Curve horizontale		Dessiccateur
	Horizontaler Behälter		Luft - Trockner
	Deposito orizontal		Secador

TANDEM 4



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356 l/min - 12,71 C.F.M.

5 HP



l/min **482**
C.F.M. **17,21**

Bar **7**
Psi **101**

l **100**
Gal. **26,42**

1 ph 230 V/50 Hz - 24 A

l/min **356**
C.F.M. **12,71**
@ 5 bar (73 Psi)

kW **4,96**

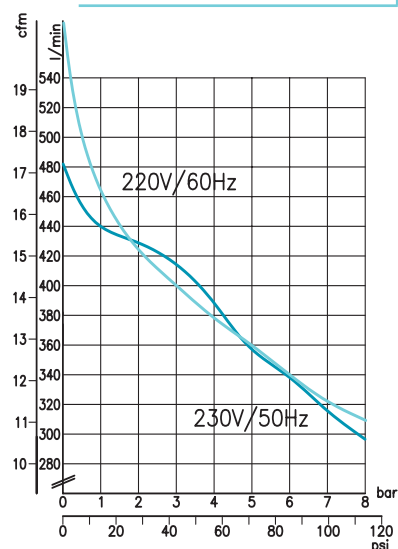
1 ph 220 V/60 Hz - 22 A

l/min **360**
C.F.M. **12,86**
@ 5 bar (73 Psi)

kW **4,3**



TANDEM 4



dental	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
2x4/100/3	80	135x41x87	53x16x34	97 - 214	145x75x107	57x30x42	112 - 247
2x4/100/37	80	135x65x87	53x26x34	117 - 258	145x75x107	57x30x42	132 - 291

versioni / versions / versions / versionen / versiones

3	Serbatoio orizzontale	7	Essiccatore
	Cylindrical tank		Air - Drier
	Curve horizontale		Dessiccateur
	Horizontaler Behälter		Luft - Trockner
	Deposito orizzontal		Secador

CWF 100 TC

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55 l/min - 1,94 C.F.M.



L/min **110**
C.F.M. **3,88**



Bar **12**
Psi **174**



l **3,5**
Gal. **0,92**

50 Hz



@ 5 bar (73 Psi)

L/min **55**
C.F.M. **1,94**



kW **720**

60 Hz

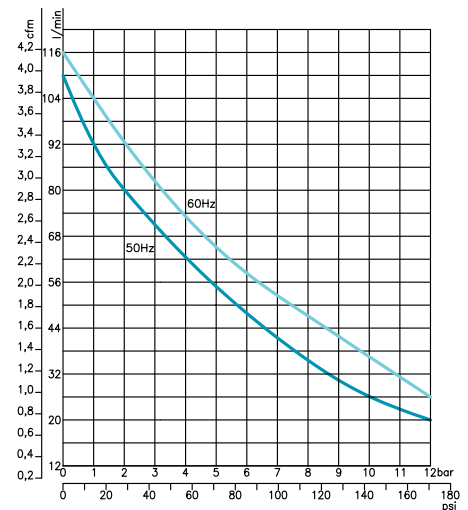


@ 5 bar (73 Psi)

L/min **63**
C.F.M. **2,22**



kW **850**



dB/A



A x B x C



Kg
Lbs



Ax B x C x



Kg
Lbs

	dB/A	A x B x C		Kg Lbs	Ax B x C x		Kg Lbs
		cm	inch.		cm	inch	
CWF100 TC	58	42x36x34	16,5x14,2x13,2	24 - 53	50x35x39	20x14x15	26 - 57
CWF100 TC INOX	58	42x36x34	16,5x14,2x13,2	24 - 53	50x35x39	20x14x15	26 - 57

Servizio / Duty Cycle 100%

CFW 100 WHITE

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55 l/min - 1,94 C.F.M.



L/min **110**
C.F.M. **3,88**



Bar **12**
Psi **174**



l **3,5**
Gal. **0,92**

50 Hz



@ 5 bar (73 Psi)

L/min **55**
C.F.M. **1,94**



kW **760**

60 Hz

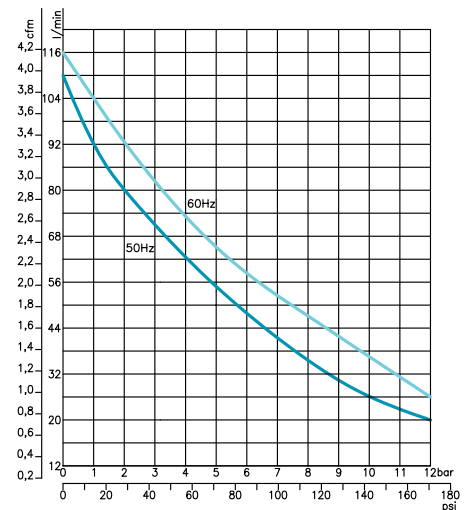


@ 5 bar (73 Psi)

L/min **63**
C.F.M. **2,22**



kW **990**



dB/A



A x B x C

cm

inch.



Kg
Lbs



Ax B x C x

cm

inch



Kg
Lbs

	dB/A	A x B x C		Kg Lbs	Ax B x C x		Kg Lbs
		cm	inch.		cm	inch	
CFW100 WHITE	50	39x37x38	15,3x14,6x15	25 - 55	49x45x56	19x18x22	27 - 60

Servizio / Duty Cycle 100%

CFW 100/24 CFW 100/50

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55 l/min - 1,94 C.F.M.



l/min **110**
C.F.M. **3,88**

Bar **9**
Psi **130**

l **24**
Gal. **6,34**

lt. **50**
Gal. **13,21**

50 Hz



l/min **5**
C.F.M. **1,94**

@ 5 bar (73 Psi)



kW **720**

60 Hz

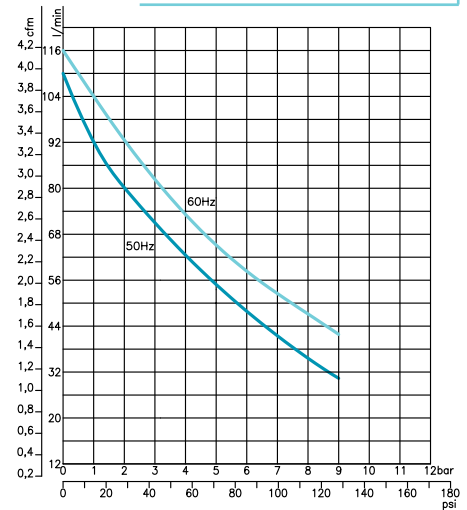


l/min **63**
C.F.M. **2,22**

@ 5 bar (73 Psi)



kW **850**



CFW 100/24/57



CFW 100/24/379



	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
CFW 100/24/5	58	45x45x60	18x18x34	32 - 71	55x55x65	22x22x26	36 - 79
CFW 100/24/57	58	45x60x72	18x24x28	38 - 84	85x70x100	33x28x39	53 - 117
CFW 100/50/5	58	45x45x85	18x18x34	45 - 99	85x70x100	33x28x39	60 - 132
CFW 100/50/57	58	45x60x90	18x26x35	51 - 112	85x70x100	33x28x39	66 - 145
CFW 100/24/379	55	75x58x81	30x23x32	80 - 176	85x70x100	33x28x39	102 - 225

Servizio / Duty Cycle 100%

versioni / versions / versions / versionen / versiones

3	Serbatoio orizzontale Cylindrical tank Curve horizontale Horizontaler Behälter Deposito orizzantal	5	Serbatoio verticale Pancake tank Curve vertical Vertikaler Behälter Deposito vertical	7	Essiccatore Air - Drier Dessiccateur Luft - Trockner Secador	9	Mobile insonorizzato Sound-cabinet Armoire insonorisée Schalldämpfendes Gehäuse Caja acústica
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CFW 100x2/50

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 Compresor sin aceite adecuado para aplicaciones CAD-CAM

cad-cam
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180 l/min - 6,36 C.F.M.



l/min **180**
C.F.M. **6,36**

Bar **10**
Psi **145**

l **50**
Gal. **13,2**

50 Hz

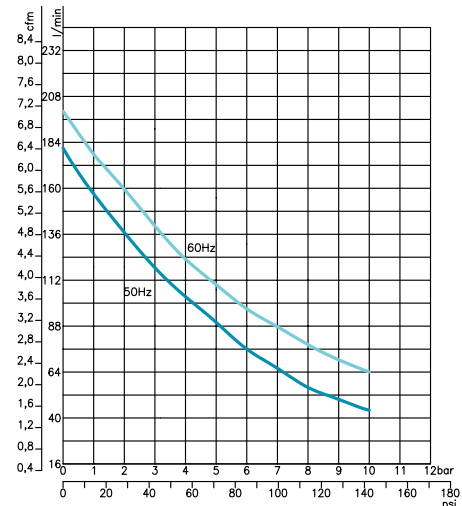
l/min **90**
C.F.M. **3,2**
@ 5 bar (73 Psi)

kW **1540**

60 Hz

l/min **110**
C.F.M. **3,9**
@ 5 bar (73 Psi)

kW **1800**



	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
CFW 100x2/50/379D	59	75x58x81	30x23x32	109 - 229	85x70x100	33x28x39	125 - 275

Servizio / Duty Cycle 100%

versioni / versions / versions / versionen / versiones

3	Serbatoio orizzontale Cylindrical tank	7D	Essiccatore Air - Drier	9	Mobile insonorizzato Sound-cabinet
	Curve orizzontale Horizontaler Behälter		Dessiccateur Luft - Trockner		Armoire insonorisée Schalldämpfendes Gehäuse
	Deposito orizontal		Secador		Caja acústica

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 Compresor sin aceite adecuado para aplicaciones CAD-CAM

cad-cam
compressors



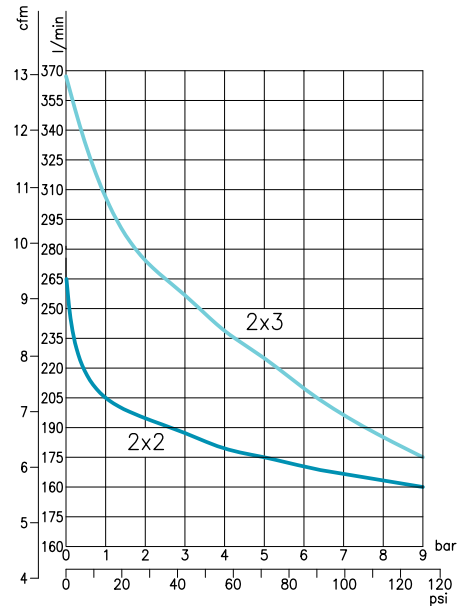
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2x2	2x3	
l/min 262	l/min 366	l 100
C.F.M. 11,1	C.F.M. 14,8	Gal. 26,42

	2x2/100	2x3/100
l/min	176	224
C.F.M.	6,2	7,9
kW	2,5	4,2



	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
2x2/100/3	76	135x41x87	53x16x34	85 - 187	145x75x107	57x30x42	100 - 220
2x2/100/37D	76	135x65x87	53x26x34	105 - 231	145x75x107	57x30x42	120 - 264
2x3/100/3	78	135x41x87	53x16x34	95 - 209	145x75x107	57x30x42	110 - 242
2x3/100/37D	78	135x65x87	53x26x34	115 - 254	145x75x107	57x30x42	130 - 286

versioni / versions / versions / versionen / versiones

3	Serbatoio orizzontale	7D	Essiccatore
	Cylindrical tank		Air - Drier
	Curve horizontale		Dessiccateur
	Horizontaler Behälter		Luft - Trockner
	Deposito horizontal		Secador

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CMC 90N C 120

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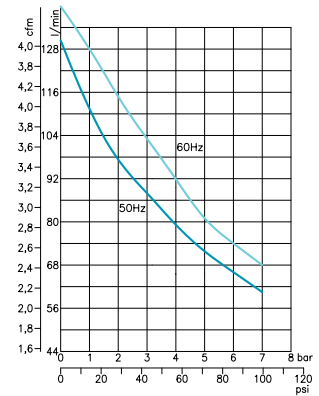
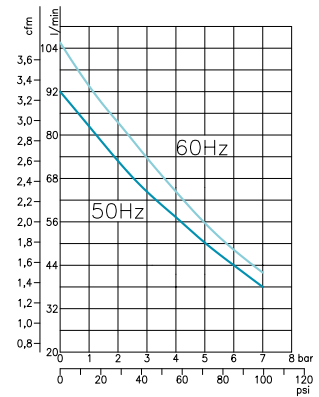
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52 l/min - 1,86 C.F.M.



CMC 90N/24

l/min 92 C.F.M. 3,25 (CMC90N)	Bar 7 Psi 101	l 10 Gal. 2,64 lt. 15 Gal. 3,96
l/min 130 C.F.M. 4,6 (C120)		lt. 24 Gal. 6,34
	CMC90N	C 120
	50Hz 60Hz	50Hz 60Hz
	l/min 49 56 72 86 C.F.M. 1,75 1,98 2,54 3,1	
Ø 5 bar (73 Psi)		
	kW 0,6 0,68 0,69 0,92	



dental	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
CMC 90N/10	59	35x35x47	14x14x19	18 - 40	40x40x50	19x16x20	21 - 46
CMC 90N/15	59	40x40x50	16x16x20	21 - 46	49x46x57	19x18x22	24 - 53
CMC 90N/24	59	41x41x55	16x16x22	23 - 51	49x46x57	19x18x22	26 - 57
C120/10	61	35x35x47	14x14x19	20 - 44	40x40x50	19x16x20	23 - 51
C120/15	61	40x40x50	16x16x20	23 - 51	49x46x57	19x18x22	26 - 57
C120/24	61	41x41x55	16x16x22	25 - 55	49x46x57	19x18x22	28 - 62

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WHITE MAMBA WHITE MAMBA 120

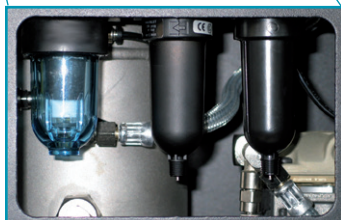
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WHITE MAMBA only



l/min **92**
C.F.M. **3,25**
(CMC90N)



Bar **7**
Psi **101**



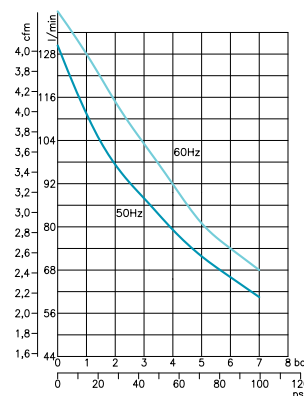
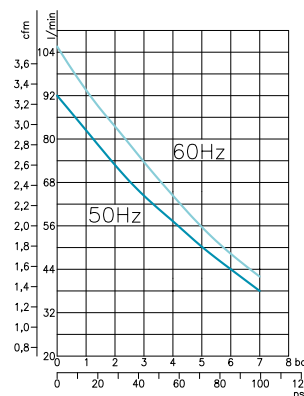
l **3,5**
Gal. **0,9**

l/min **130**
C.F.M. **4,6**
(C120)

	W.MAMBA		W.M.120	
	50Hz	60Hz	50Hz	60Hz
l/min	49	56	72	86
C.F.M.	1,75	1,98	2,54	3,1
kW	0,6	0,68	0,69	0,92



l/min **49**
C.F.M. **1,75**
@ 5 bar (73 Psi)



oil less silent compressors	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
WHITE MAMBA WHITE MAMBA E	50	23x44x39	9x17x15	15 - 33,1	51x30x47	20x12x19	17 - 38
WHITE MAMBA 120 WHITE MAMBA 120 E	52	23x44x39	9x17x15	17 - 38	51x30x47	20x12x19	19 - 42©

Servizio / Duty Cycle 100%

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C196/24 C196/50

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120 l/min - 4,2 C.F.M.



C 196/50/57



l/min **196**
C.F.M. **7**

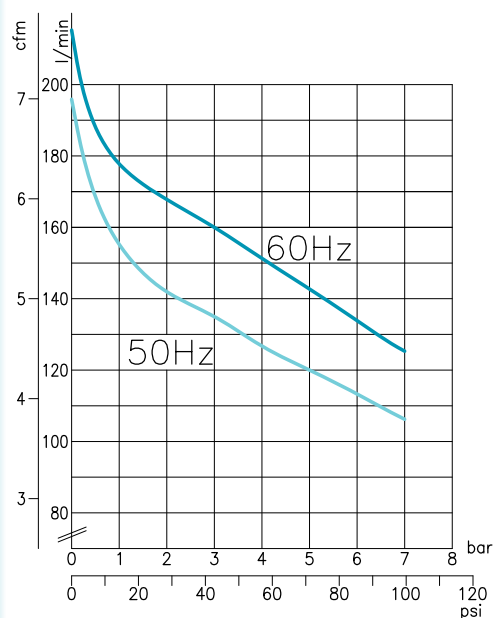


Bar **7**
Psi **101**



l **24**
Gal. **6,34**
lt. **50**
Gal. **13,2**

	50Hz	60Hz
l/min C.F.M. @ 5 bar (73 Psi)	120 4,2	142 5
kW	1,2	1,3



	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
C196/24/5	62	45x45x65	18x18x26	31 - 68	55x55x65	22x22x26	45 - 99
C196/24/57	62	45x60x72	18x26x28	38 - 84	87x70x100	33x28x39	60 - 132
C196/50/5	62	45x45x92	18x18x36	44 - 97	87x70x100	33x28x39	66 - 146
C190/50/57	62	45x60x92	18x26x36	51 - 112	87x70x100	33x28x39	73 - 161

versioni / versions / versions / versionen

5	Serbatoio verticale	7	Essiccatore
	Pancake tank		Air - Drier
	Curve vertical		Dessiccateur
	Vertikaler Behälter		Luft - Trockner
	Deposito vertical		Secador

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C196x2/100

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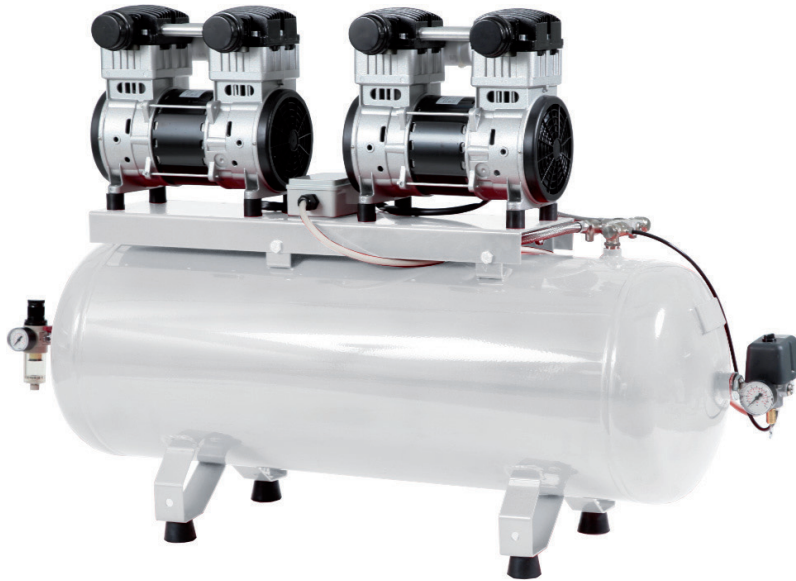
240 l/min - 8,5 C.F.M.



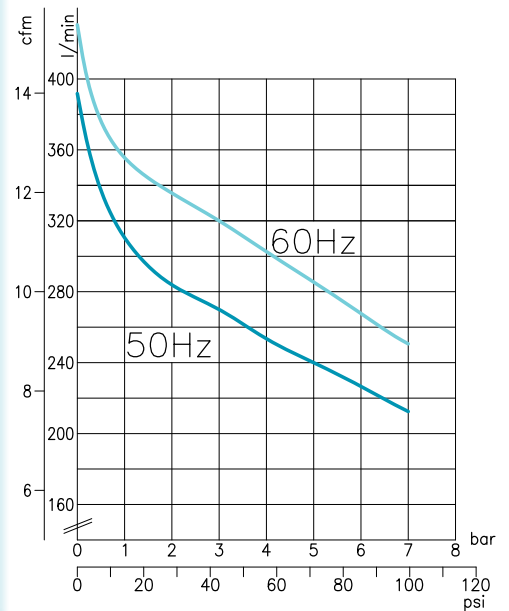
l/min **392**
C.F.M. **13,8**

Bar **7**
Psi **101**

l **100**
Gal. **26,4**



	50Hz	60Hz
l/min C.F.M. @ 5 bar (73 Psi)	240 8,5	284 10,0
kW	2,4	2,6



	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
C196x2/100/3	68	130x35x80	51x14x32	72 - 159	147x77x106	58x30x42	87 - 192
C196x2/100/37	68	130x60x80	51x24x32	92 - 203	147x77x106	58x30x42	107 - 236

versioni / versions / versions / versionen

3	Serbatoio orizzontale	7	Essiccatore
	Cylindrical tank		Air - Drier
	Curve horizontale		Dessiccateur
	Horizontaler Behälter		Luft - Trockner
	Deposito orizontal		Secador

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DOUBLE MAMBA DOUBLE MAMBA DRY

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120 l/min - 4,2 C.F.M.



l/min **196**
C.F.M. **7**



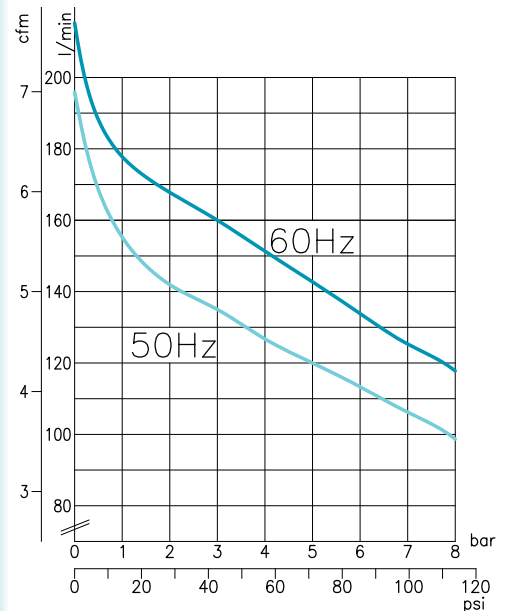
Bar **8**
Psi **116**



l **6**
Gal. **1,6**



	50Hz	60Hz
l/min C.F.M. @ 4,55 bar (65,3 Psi)	120 4,2	142 5
kW	1,2	1,3



DOUBLE MAMBA DRY



oil less silent compressors	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
DOUBLE MAMBA	57	45x62x47	18x24x19	42 - 93	85x70x100	33x28x39	57 - 126
DOUBLE MAMBA DRY	57	57x62x65	22x24x26	50 - 110	85x70x100	33x28x39	65 - 143

Serbatoio in acciaio inossidabile
Stainless steel receiver
Réservoir en acier inoxydable
Druckbehälter aus Edelstahl
Cisterna de acero inoxidable

WERTHER INTERNATIONAL S.p.A. - Via F. Brunelleschi, 12 - 42124 Cadè (RE) Italy
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e-mail: compressors@wertherint.com - www.werthercompressors.com

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TORNADO MONO

Aspiratore dentistico
Dental Aspirator
Aspirateur pour dentistes
Amalgam- und Salivaabsauger
Aspirador dental

aspirators
compressors



SILAIR
compressors

www.werthercompressors.com



TORNADO MONO

Portata aspirata massima	1330 l/min
Max suction capacity	47,5cfm
Depressione massima	120 mbar rel.
Max inlet vacuum	-1,74 psi rel.



DATI TECNICI	TECHNICAL DATA	UNITA UNITS	TORNADO MONO
Alimentazione elettrica	Power supply	V /Hz	230/50
Potenza motore	Motor power	kW	0,4
Corrente assorbita	Rated current	A	2,7
Portata aspirata alla massima depressione	Suction capacity @ max inlet vacuum	l/min	320
Dimensioni [lunghezza x larghezza x altezza]	Dimension [length x width x height]	cm inch	58x33x48 23x13x19
Peso	Weight	kg	30

TORNADO TWINS

aspirators
compressors



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compressors

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Compressore con serbatoio da 24 litri, pompe aspiranti ed essiccatore.

Compressor with 24-l. air receiver, suction pumps and dryer

Compresseur avec reservoir 24 litres, pompe d'aspiration et dessiccateur

Kompressor mit 24-l. Druckbehälter, Absaugpumpe und Trockner

Compresor con deposito de 24 litros, bomba aspiradora y desecante



DATI TECNICI	TECHNICAL DATA	UNITA UNITS	TWIN 1	TWIN 2	TWIN 3
Alimentazione	Power supply	V / Hz	230 / 50		
Potenza complessiva	Total power	kW	0.93 + 0.4	1.3 + 0.4	2.1 + 0.8
Pressione massima compressore	Compressor max	bar	8		
Aria resa dal compressore a 0 bar	Compressor air flow rate at 0 bar	l/min	100	155	207
Aria resa dal compressore a 5 bar	Compressor air flow rate at 5 bar	l/min	62	121	144
Aspiratori	Suction units	n°	1	1	2
Portata aspirata massima	Max suction capacity	l/min	1330	1330	2660
Depressione massima	Max inlet vacuum	mbar	- 120		
Portata aspirata massima depressione	Suction capacity at max vacuum	l/min	320	320	640
Peso	Weight	kg	99	102	118
Dimensioni	Dimensions	cm	56 x 64 x 127		
Riuniti	Dental Units	n°			

ASP 0.4 - ASP 0.85 ASP 1.5

Pompe aspiranti
Suction pumps
Pompe d'aspiration
Absaugpumpe
Bomba aspiradora

aspirators
compressors



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compressors

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DATI TECNICI	TECHNICAL DATA	UNITA UNITS	ASP 0.4	ASP 0.85	ASP 1.5
Alimentazione elettrica	Power supply	V /Hz	230/50-1	230/50-1	230/50-1
Potenza motore	Motor power	kW	0,4	0,85	1,5
Corrente assorbita	Rated current	A	2,7	5	9
Portata aspirata massima	Max suction capacity	l/min C.F.M.	1330 47,5	2330 83,21	3460 123,57
Portata aspirata alla massima depressione	Suction capacity @ max inlet vacuum	l/min C.F.M.	320 11,43	660 23,57	1160 41,43
Depressione massima	Max inlet vacuum	mbar rel. psi rel.	120 -1,74	145 -2,1	180 -2,61
Dimensioni [lung x larg x alt]	Dimension [length x width x height]	cm inch	26x25x25 10x10x10	29x29x30 11x11x12	33x35x34 13x14x13
Peso	Weight	kg lbs	11 24	16 35	24 53

PORTADENT PORTADENT oil less

Compressori silenziosi per uso veterinario.
 Silent compressors for the veterinary field.
 Compresseurs silencieux pour le secteur vétérinaire.
 Leiselauf Kompressoren für den Veterinärbereich.
 Compresores silenciosos para el sector veterinario.

veterinary
compressors



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l/min **50**
 C.F.M. **1,77**
 (PORTADENT)

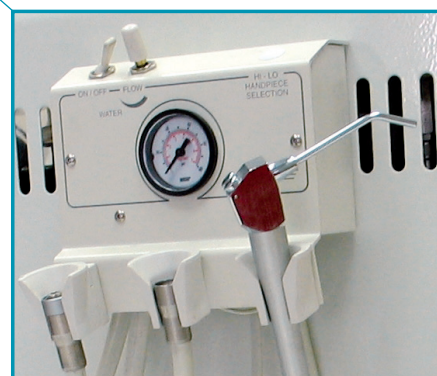
Bar **8**
 Psi **116**

l **6**
 Gal. **1,58**

l/min **92**
 C.F.M. **3,25**
 (PORTADENT oil less)

	PORTADENT	50Hz	60Hz
l/min		37	44
C.F.M.		1,3	1,55
@ 5 bar (73 Psi)			
kW		0,34	0,4

	PORTADENT OIL LESS	50Hz	60Hz
l/min		49	56
C.F.M.		1,75	1,98
@ 5 bar (73 Psi)			
kW		0,6	0,68



Questa unità compatta incorpora fonti di acqua e aria in un unico sistema autonomo. L'unico collegamento esterno necessario al funzionamento è quello elettrico.

This compact countertop unit incorporates air and water supplies into a single self-contained system. The only external connection required for operation is electrical power supply.

CARATTERISTICHE

- Unità portatile completamente autonoma
- Compressore ad aria silenzioso
- Sistema di controllo automatico per due manipoli
- Erogatore con controllo a 3 vie per aria ed acqua
- Controllo a pedale
- Linea acqua con interruttore On-Off e regolatore di portata
- Linea aria con manometro e regolatore di pressione

FEATURES

- Totally self-contained portable unit
- Virtually soundless air compressor
- Automatic control system for two handpieces
- Three ways controlled air - water syringe
- Variable speed foot control
- Water line with On-Off switch and flow regulator
- Line pressure gauge with adjustable air regulator



	dB/A	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
		cm	inch.		cm	inch	
PORTADENT	40	46x43x30	18x17x12	31 - 69	57x32x62	22x13x24	32,5 - 70
PORTADENT OIL LESS	55	46x43x30	18x17x12	25 - 55	57x32x62	22x13x24	26,5 - 58

SIL AIR A1

Compressori silenziosi
 Silent compressors
 Compresseurs silencieux
 Leiselauf Kompressoren
 Compresores silenciosos

lubricated
 compressors



SIL AIR
 compressors

www.werthercompressors.com



50/24V



100/24V



100/50V



150/50V



200/100V



AMPS



SIL AIR A1	kW HP	1 ph 230 V/50 Hz	l/min C.F.M.	l/min C.F.M.	dB/A	l Gal.
50/24V	0,34 - 0,5	2,4	50 - 2,2	37 - 1,32	40	24 - 6,34
100/24V	0,68 - 1	4,8	100 - 4,4	74 - 2,64	42	24 - 6,34
100/50V	0,68 - 1	4,8	100 - 4,4	74 - 2,64	42	50 - 13,21
150/50V	1,02 - 1,5	7,2	150 - 6,5	111 - 3,96	43	50 - 13,21
200/100V	1,36 - 2	9,6	200 - 8,5	148 - 5,29	44	100 - 26,42



@ 5 bar
 (73 Psi)

disponibile anche / available also 1 ph 115 V/60 Hz



SIL AIR	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
	cm	inch.		cm	inch	
50/24V	40x40x73	16x16x29	29 - 64	41x41x75	16x16x30	31 - 68
100/24V	36x65x62	14x26x24	52 - 115	40x80x70	16x32x26	56 - 123
100/50V	40x86x75	16x34x30	56 - 123	45x90x70	18x35x26	61 - 134
150/50V	40x86x75	16x34x30	75 - 165	45x90x70	18x35x26	80 - 176
200/100V	34x112x80	13x44x32	100 - 220	147x77x106	56x30x42	125 - 276

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DRY KIT

Essiccatore
Air-Dryer
Dessiccateur
Trockner
Desecante

optionals
compressors



SILAIR
compressors

www.werthercompressors.com

MONO



Principali caratteristiche

- Essiccatore ad assorbimento
- Basso punto di rugiada
- Assenza di consumo di aria
- Facile manutenzione

Haupteigenschaften

- Absorptionstrockner
- Niedriger Taupunkt
- Kein Luftverbrauch
- Einfache Wartung

Main features

- Absorption dryer
- Performing dew point
- No air waste
- Easy maintenance

Caracteristicas Principales

- Secador a absorción
- Bajo punto de rocío
- Ausencia de consumo de aire
- Facil manutención

Caractéristiques principales

- Sécheur à absorption
- Point de rosée performant
- Aucune consommation d'air
- Entretien facile

Portata aria massima - Maximum Air Flow	300 [lpm] - 10,7 [cfm]
Pressione massima di esercizio - Maximum Operating Pressure	10 [bar]
Intervallo di Temperature - Temperature Range	5 - 40 [°C]
Punto di rugiada - Dewpoint	-20 / 0 [°C]
Tensione di Alimentazione - Power Supply	220-240V - 50HZ / 115V - 60Hz
Peso - Weight	5 [Kg] - 11,02 [lbs]
Dimensioni - Dimension	120x100x600 [mm] - 4,7x3,9x23,6 [inch]

Marcatura CE non presente in accordo alla direttiva 2014/68/UE.
CE marking not required according to directive 2014/68/EU.

TWINS



Principali caratteristiche

- Essiccatore ad assorbimento
- Ciclo di rigenerazione intermittente
- Punto di rugiada molto basso
- Basso consumo di aria
- Esente da manutenzione

Haupteigenschaften

- Absorptionstrockner
- Intermittierender regenerierender Zyklus
- Sehr niedrigen Taupunkt
- Niedriger Luftverbrauch
- Wartung frei

Main features

- Absorption dryer
- Intermittent regenerating cycle
- Very performing dew point
- Low air waste
- No maintenance

Caracteristicas Principales

- Secador a absorción
- Ciclo de regeneración intermitente
- Muy bajo punto de rocío
- Baja pérdida de aire
- Libre de mantenimiento

Caractéristiques principales

- Sécheur à absorption
- Cycle de régénération intermittent
- Point de rosée très bas
- Basse consommation d'air
- Sans entretien

Portata aria massima - Maximum Air Flow	300 [lpm] - 10,7 [cfm]
Pressione massima di esercizio - Maximum Operating Pressure	10 [bar]
Intervallo di Temperature - Temperature Range	5 - 40 [°C]
Punto di rugiada - Dewpoint	-40 / -20 [°C]
Tensione di Alimentazione - Power Supply	220-240V - 50HZ / 115V - 60Hz
Peso - Weight	5,6 [Kg] - 12,4 [lbs]
Dimensioni - Dimension	170x70x570 [mm] - 6,7x2,8x22,4 [inch]

Marcatura CE in accordo alla direttiva 2014/35/UE.
CE marking according to directive 2014/35/EU.

MEMBRANE



Principali caratteristiche

- Essiccatore a membrana
- Punti di rugiada molto basso
- Esente da manutenzione

Haupteigenschaften

- Membrantrockner
- Sehr niedrigen Taupunkt
- Wartungfrei

Main features

- Membrane dryer
- Very performing dew point
- Maintenance free

Caracteristicas Principales

- Secador de membrana
- Muy bajo punto de rocío
- Libre de mantenimiento

Caractéristiques principales

- Séchoir à membrane
- Point de rosée très bas
- Sans entretien

Pressione massima di esercizio - Maximum Operating Pressure	10 [bar]
Punto di rugiada - Dewpoint	-40 / 0 [°C]

SALVASILENZIO 24

SALVASILENZIO 50

Contenitori insonorizzati
 Soundproof boxes
 Meubles insonorisés
 Schallschutzbox
 Contenedores insonorizados

optionals
 compressors



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Marcatura CE non richiesta.
 CE marking not required.



	A x B x C		Kg Lbs	A x B x C x		Kg Lbs
	cm	inch.		cm	inch	
SALVASILENZIO 24	63x77x82	25x30x32	31 - 68	76x25x82	30x10x32	46 - 101
SALVASILENZIO 50	63x77x104	25x30x41	36 - 79	76x25x82 80x40x70	30x10x32 32x16x28	51 - 112

	SALVASILENZIO 24	SALVASILENZIO 50
Adatto per Suitable for Pour Geeignet für Para	L 24	L 50

dental compressors



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SIL AIR COMPRESSORS

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