

### European Headquarters

**Tiger-Vac Europa S.R.L.**  
Via Marie Curie 17  
Zona Industriale Ponte Rizzoli  
Ozzano Emilia, BO 40064

Tel: ((39) 051 79.53.52)  
Fax: ((39) 051 4695077)  
Website: <http://www.tiger-vac.eu>  
Email: [info@tiger-vac.it](mailto:info@tiger-vac.it)

### International Headquarters

**Tiger-Vac International Inc.**  
2020 Dagenais Blvd. Ouest  
Laval, Quebec  
Canada H7L 5W2

Tel: (450-625-0099)  
Fax: (450-625-3388)  
Website: <http://www.tiger-vac.com>  
Email: [sales@tiger-vac.com](mailto:sales@tiger-vac.com)



Pharma Applications



Cleanroom Compatible



Wet and Dry Recovery



ULPA - Included



High Filtration Efficiency Unit



Static Dissipating



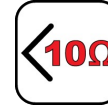
Activated Carbon



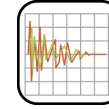
Stainless General



Accessories Included



Less than 10 ohms



EMI Shielded

## Specifications For CWR MRAC SERIES

Name	Part Number	Tension	Frequency	Phase	Wattage	Power	Amperage	Air Flow	Vacuum Pressure	Type of Power Outlet	Dust Recovery Tank	Dry Recovery - Disposable Filter Bag
<b>CWR-10 (4W) MRAC</b>	<b>110520B</b>	240 V	50 Hz	Single	1050 W	1 kW	5 A	189 m <sup>3</sup> /h	2180 mm H <sub>2</sub> O	European	28.4 L	19 L
	Dimensions: H113 cm x W46 cm x L61 cm    Weight: 44 kg.    Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												
<b>CWR-10 (4W) MRAC</b>	<b>110520C</b>	240 V	50 Hz	Single	1050 W	1 kW	5 A	189 m <sup>3</sup> /h	2180 mm H <sub>2</sub> O	UK	28.4 L	19 L
	Dimensions: H113 cm x W46 cm x L61 cm    Weight: 44 kg.    Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												
<b>CWR-10 (4W) MRAC</b>	<b>110520D</b>	240 V	50 Hz	Single	1050 W	1 kW	5 A	189 m <sup>3</sup> /h	2180 mm H <sub>2</sub> O	Swiss	28.4 L	19 L
	Dimensions: H113 cm x W46 cm x L61 cm    Weight: 44 kg.    Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												
<b>CWR-10 (4W) MRAC</b>	<b>110520E</b>	240 V	50 Hz	Single	1050 W	1 kW	5 A	189 m <sup>3</sup> /h	2180 mm H <sub>2</sub> O	Chinese	28.4 L	19 L
	Dimensions: H113 cm x W46 cm x L61 cm    Weight: 44 kg.    Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												
<b>CWR-15 (4W) MRAC</b>	<b>110524B</b>	240 V	50 Hz	Single	1050 W	1 kW	5 A	189 m <sup>3</sup> /h	2180 mm H <sub>2</sub> O	European	47.3 L	19 L
	Dimensions: H122 cm x W46 cm x L61 cm    Weight: 45 kg.    Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												
<b>CWR-15 (4W) MRAC</b>	<b>110524C</b>	240 V	50 Hz	Single	1050 W	1 kW	5 A	189 m <sup>3</sup> /h	2180 mm H <sub>2</sub> O	UK	47.3 L	19 L
	Dimensions: H122 cm x W46 cm x L61 cm    Weight: 45 kg.    Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												
<b>CWR-15 (4W) MRAC</b>	<b>110524D</b>	240 V	50 Hz	Single	1050 W	1 kW	5 A	189 m <sup>3</sup> /h	2180 mm H <sub>2</sub> O	Swiss	47.3 L	19 L
	Dimensions: H122 cm x W46 cm x L61 cm    Weight: 45 kg.    Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												
<b>CWR-15 (4W) MRAC</b>	<b>110524E</b>	240 V	50 Hz	Single	1050 W	1 kW	5 A	189 m <sup>3</sup> /h	2180 mm H <sub>2</sub> O	Chinese	47.3 L	19 L
	Dimensions: H122 cm x W46 cm x L61 cm    Weight: 45 kg.    Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												

<b>CWR-15 (4W) POLY MRAC</b>	<b>110528B</b>	240 V	50 Hz	Single	1050 W	1 kW	5 A	189 m <sup>3</sup> /h	2180 mm H <sub>2</sub> O	European	47.3 L	19 L
	Dimensions: H122 cm x W46 cm x L61 cm    Weight: 45 kg.    Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												

<b>CWR-15 (4W) POLY MRAC</b>	<b>110528C</b>	240 V	50 Hz	Single	1050 W	1 kW	5 A	189 m <sup>3</sup> /h	2180 mm H <sub>2</sub> O	UK	47.3 L	19 L
	Dimensions: H122 cm x W46 cm x L61 cm    Weight: 45 kg.    Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												

<b>CWR-15 (4W) POLY MRAC</b>	<b>110528D</b>	240 V	50 Hz	Single	1050 W	1 kW	5 A	189 m <sup>3</sup> /h	2180 mm H <sub>2</sub> O	Swiss	47.3 L	19 L
	Dimensions: H122 cm x W46 cm x L61 cm    Weight: 45 kg.    Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												

<b>CWR-15 (4W) POLY MRAC</b>	<b>110528E</b>	240 V	50 Hz	Single	1050 W	1 kW	5 A	189 m <sup>3</sup> /h	2180 mm H <sub>2</sub> O	Chinese	47.3 L	19 L
	Dimensions: H122 cm x W46 cm x L61 cm    Weight: 45 kg.    Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												

Please note that specifications are subject to change without notice

## Technical Sheet For CWR MRAC SERIES

ULPA FILTER AND ACCESSORIES - Included	
Part #	Description
211027	ULPA FILTER (U15)

HEPA FILTER - INTERNAL - FOR USE WITH MIDDLE RING - Optional	
Part #	Description
211027B	HEPA FILTER 99.995% EFFICIENCY ON 0.3 MICRON (CE VERSION)

FILTERS AND ACCESSORIES - Included	
Part #	Description
211305	DOUBLE CLOTH FILTER ASSEMBLY
211394A	LIQUID FILTER ASSEMBLY WITH STAINLESS STEEL RING

DISPOSABLE FILTER BAGS FOR MODEL CWR-10 (4W) MRAC - Included	
Part #	Description
219028-5	SYNTHETIC RECOVERY BAGS (WHITE) FOR EMI CWR (PACKAGE OF 5)
211840	PVC PIPE CONNECTOR FOR PAPER FILTER BAG -STAINLESS STEEL TANK

DISPOSABLE FILTER BAGS FOR MODEL CWR-15 (4W) MRAC - Included	
Part #	Description
218063-5	SYNTHETIC RECOVERY BAGS, 10" x 28", 50mm COLLAR (PACKAGE OF 5))
211841	PVC PIPE CONNECTOR FOR PAPER FILTER BAG -STAINLESS STEEL TANK

DISPOSABLE FILTER BAGS FOR MODEL CWR-15 (4W) POLY MRAC - Included	
Part #	Description
218063-5	SYNTHETIC RECOVERY BAGS, 10" x 28", 50mm COLLAR (PACKAGE OF 5))
211282	PVC PIPE CONNECTOR FOR PAPER FILTER BAG

ACTIVATED CARBON CARTRIDGE - Optional	
Part #	Description
212200B	CARBON CARTRIDGE ASSEMBLY WITH 3mm CARBON (REGULAR)
212200C	CARBON CARTRIDGE ASSEMBLY WITH 3mm MERSORB ACTIVATED CARBON (FOR MERCURY VAPORS)
212200K	CARBON CARTRIDGE ASSEMBLY WITH 3mm KOGC3/KINA3 CARBON (FOR CHLORIDE VAPORS)
212200L	CARBON CARTRIDGE ASSEMBLY WITH 3mm A-3 CARBON (FOR ARSINE AND PHOSPHINE VAPORS)

DRAIN HOSE FOR MODEL CWR-10/15 (4W) MRAC - Included	
---	--

Part #	Description
381093	DRAIN HOSE ASSEMBLY 0.75"(19mm)x5'(1.5m)CLEAR HOSE WITH 0.75"(19mm) STAINLESS STEEL FEMALE CAMLOCK

#### DRAIN HOSE FOR MODEL CWR-15 (4W) POLY MRAC - Included

Part #	Description
381092	DRAIN HOSE ASSEMBLY 0.75" x 5'(1.5m) CLEAR HOSE w/ 0.75"(19mm) PVC FEMALE CAMLOCK

#### TOOLS AND ACCESSORIES FOR MODELS CWR-10/15 (4W) MRAC - Included

Part #	Description
323403	CLEAR URETHANE HOSE ASMBLY 1.25"(32mm)x10'(3m), w/1.5" S/S FEMALE CAMLOCK, WITH S/S CURVED HANDLE
323330	EXTENSION WANDS, BOTH STRAIGHT, 1.25"(32mm) x 20.5"(52cm), STAINLESS STEEL (SET OF 2)
323311	COMBI TOOL, 1.25"(32mm) x 10.5" (27cm), BEIGE, WITH HOLE FOR BUTTON LOCK
323317	UTILITY FLOOR TOOL WITH WHEELS & WITH SQUEEGEE BLADES 1.25"(32mm) x 12"(30cm), BEIGE PLASTIC
323321	ROUND TOOL, WITH RUBBER BLADES, Ø1.25"(32mm)
323314	UPHOLSTERY FLAT TOOL, Ø1.25"(32mm), PVC
323313	CREVICE TOOL, 1.25"(32mm) x 9"(23cm), BEIG, PVC
211701	DEFOAMING LIQUID (BOTTLE) 909 ml(31 fl oz.)- FOR WET RECOVERY MODE ONLY
211065	GROUND CONTINUITY TESTER

#### TOOLS AND ACCESSORIES FOR MODEL CWR-15 (4W) POLY MRAC - Included

Part #	Description
323404	SUCTION HOSE ASSEMBLY,1.25"(32mm)x10'(3m)CLEAR URETHANE, ITH SS CURVED HANDLE&PLASTIC FEMALE CAMLOCK
323330	EXTENSION WANDS, BOTH STRAIGHT, 1.25"(32mm) x 20.5"(52cm), STAINLESS STEEL (SET OF 2)
323311	COMBI TOOL, 1.25"(32mm) x 10.5" (27cm), BEIGE, WITH HOLE FOR BUTTON LOCK
323317	UTILITY FLOOR TOOL WITH WHEELS & WITH SQUEEGEE BLADES 1.25"(32mm) x 12"(30cm), BEIGE PLASTIC
323321	ROUND TOOL, WITH RUBBER BLADES, Ø1.25"(32mm)
323314	UPHOLSTERY FLAT TOOL, Ø1.25"(32mm), PVC
323313	CREVICE TOOL, 1.25"(32mm) x 9"(23cm), BEIG, PVC
211701	DEFOAMING LIQUID (BOTTLE) 909 ml(31 fl oz.)- FOR WET RECOVERY MODE ONLY
211065	GROUND CONTINUITY TESTER

#### NEEDLE TRAP AND ACCESSORIES - Optional

Part #	Description
215500	NEEDLE TRAP ASSEMBLY, STAINLESS STEEL, 2"(50mm) INLET X 1.25"(32mm) OUTLET, ELECTROPOLISHED
500235M	TIGER-CLAW ONLY (TRANSPARENT FOODGRADE SILICONE) Ø2"(50mm)x4.5"(11.5cm)
500231M	CONICAL NOZZLE ONLY (TRANSPARENT FOODGRADE SILICONE) Ø2"(50mm)x7.5"(19cm)