Tiger-Vac®
...The name to vacuum with

CWR (4W) SERIES
*Pharma - Wet & Dry Recovery

Characteristics

Pharma Applications | Cleanroom Compatible | Wet and Dry Recovery | ULPA - Included | High Efficiency | Static Dissipating

Activated Carbon | Stainless General | Accessories Included | Less than 10 ohms | EMI Shielded

- ULPA Filter - With an efficiency of 99.999% on 0.12 micron. Filtration efficiency of 99.9995% on 0.18 micron. Tested: IEST-RP-CC001. U15 by MPPS method as per EN 1822. All of our ULPA Vacuum Cleaners are Aerosol Leak Tested before leaving our facility - Included
- *Cleanroom compatible with ISO Class 4 (former Class 10). Can be used in the pharmaceutical industry
- Static Free and ESD Safe.
- EMI/RFI Shielded
- 5-stage Filtration System includes dual ULPA Filters (U15) (one for the working air and one for the cooling air), Double Cloth filter and Disposable Filter Bags
- Available with Middle Ring with Activated Carbon (MRAC) for the adsorption of toxic/noxious fumes and vapors
- Designed for use in Contamination Controlled Environments
- Bypass Heavy Duty motor
- For wet and dry recovery
- Stainless Steel recovery tank.
- Mounted on a 4-wheel dolly for easy maneuverability.
- Includes a complete tool kit.

PREMIUM TECH.
Premium Tech Pte. Ltd.
UEN: 198300105W
E: PremT@premiumtech.sg
T: +65 63838511 / +65 9224 3999

Specifications

CWR (4W) SERIES	110491B	110491C	110491E	110495B	110495C	110495E
Model Name	CWR-8 (4W)	CWR-8 (4W)	CWR-8 (4W)	CWR-10 (4W)	CWR-10 (4W)	CWR-10 (4W)
Type (Powerhead)	Electric	Electric	Electric	Electric	Electric	Electric
Voltage	240 V	240 V	240 V	240 V	240 V	240 V
Hertz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Phase	Single	Single	Single	Single	Single	Single
Wattage	1050 W	1050 W	1050 W	1050 W	1050 W	1050 W
Power	1 kW	1 kW	1 kW	1 kW	1 kW	1 kW
Amperage	5 amps.	5 amps.	5 amps.	5 amps.	5 amps.	5 amps.
Air Flow	189 m^3/h	189 m^3/h	189 m^3/h	189 m^3/h	189 m^3/h	189 m^3/h
Vacuum Pressure	2180 mm H_20	2180 mm H_20	2180 mm H_20	2180 mm H_20	2180 mm H_20	2180 mm H_20
Sound Level	75 dB(A)	75 dB(A)	75 dB(A)	75 dB(A)	75 dB(A)	75 dB(A)
Plug Type	European	UK	Chinese	European	UK	Chinese
Suction Inlet	38 mm	38 mm	38 mm	38 mm	38 mm	38 mm
Cart Type	4 Wheel Dolly (4W)	4 Wheel Dolly (4W)	4 Wheel Dolly (4W)	4 Wheel Dolly (4W)	4 Wheel Dolly (4W)	4 Wheel Dolly (4W)
Filter Cleaning	None	None	None	None	None	None
Dry Recovery - Tank	24.6 L	24.6 L	24.6 L	28.4 L	28.4 L	28.4 L
Dry Recovery - Disposable Filter Bag	9.5 L	9.5 L	9.5 L	19 L	19 L	19 L
Wet Recovery Capacity	24.6 L	24.6 L	24.6 L	28.4 L	28.4 L	28.4 L
Length	58 cm	58 cm	58 cm	61 cm	61 cm	61 cm
Width	48 cm	48 cm	48 cm	46 cm	46 cm	46 cm
Weight (Vacuum Only)	23 kg.	23 kg.	23 kg.	30 kg.	30 kg.	30 kg.
Height	76 cm	76 cm	76 cm	64 cm	64 cm	64 cm
Cord Length	10.6 m	10.6 m	10.6 m	10.6 m	10.6 m	10.6 m

CWR (4W) SERIES	110497B	110497C	110497E
Model Name	CWR-15 (4W)	CWR-15 (4W)	CWR-15 (4W)
Type (Powerhead)	Electric	Electric	Electric
Voltage	240 V	240 V	240 V
Hertz	50 Hz	50 Hz	50 Hz
Phase	Single	Single	Single
Wattage	1050 W	1050 W	1050 W
Power	1 kW	1 kW	1 kW
Amperage	5 amps.	5 amps.	5 amps.
Air Flow	189 m^3/h	189 m^3/h	189 m^3/h
Vacuum Pressure	2180 mm H_20	2180 mm H_20	2180 mm H_20

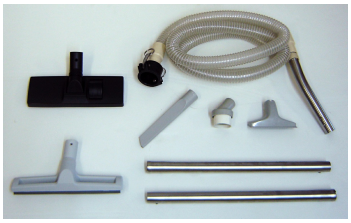
Sound Level	75 dB(A)	75 dB(A)	75 dB(A)
Plug Type	European	UK	Chinese
Suction Inlet	38 mm	38 mm	38 mm
Cart Type	4 Wheel Dolly (4W)	4 Wheel Dolly (4W)	4 Wheel Dolly (4W)
Filter Cleaning	None	None	None
Dry Recovery - Tank	47.3 L	47.3 L	47.3 L
Dry Recovery - Disposable Filter Bag	19 L	19 L	19 L
Wet Recovery Capacity	47.3 L	47.3 L	47.3 L
Length	61 cm	61 cm	61 cm
Width	46 cm	46 cm	46 cm
Weight (Vacuum Only)	31 kg.	31 kg.	31 kg.
Height	100 cm	100 cm	100 cm
Cord Length	10.6 m	10.6 m	10.6 m

Please note that specifications are subject to change without notice

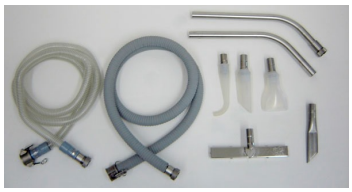
Use only recommended tools & accessories

CWR-8 (4W)

ULPA Filter - Included



CWR Tools and Accessories - Included



CWR Tools and Accessories - Optional

Needle Trap - Optional

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

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

Pharma Applications

Cleanroom Compatible

Wet and Dry Recovery

ULPA - Included

High Efficiency

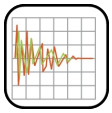
Static Dissipating

Activated Carbon

Stainless General

Accessories Included

Less than 10 ohms


EMI Shielded

Specifications for CWR (4W) SERIES

Name	Part Number	Voltage	Hertz	Phase	Wattage	Power	Amperage	Air Flow	Vacuum Pressure	Plug Type	Dry Recovery - Tank	Dry Recovery - Disposable Filter Bag
CWR-8 (4W)	**110491B**	240 V	50 Hz	Single	1050 W	1 kW	5 amps.	189 m^3/h	2180 mm H_2O	European	24.6 L	9.5 L
	Dimensions: H76 cm x W48 cm x L58 cm Weight: 23 kg. Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												
CWR-8 (4W)	**110491C**	240 V	50 Hz	Single	1050 W	1 kW	5 amps.	189 m^3/h	2180 mm H_2O	UK	24.6 L	9.5 L
	Dimensions: H76 cm x W48 cm x L58 cm Weight: 23 kg. Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												
CWR-8 (4W)	**110491E**	240 V	50 Hz	Single	1050 W	1 kW	5 amps.	189 m^3/h	2180 mm H_2O	Chinese	24.6 L	9.5 L
	Dimensions: H76 cm x W48 cm x L58 cm Weight: 23 kg. Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												
CWR-10 (4W)	**110495B**	240 V	50 Hz	Single	1050 W	1 kW	5 amps.	189 m^3/h	2180 mm H_2O	European	28.4 L	19 L
	Dimensions: H64 cm x W46 cm x L61 cm Weight: 30 kg. Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												
CWR-10 (4W)	**110495C**	240 V	50 Hz	Single	1050 W	1 kW	5 amps.	189 m^3/h	2180 mm H_2O	UK	28.4 L	19 L
	Dimensions: H64 cm x W46 cm x L61 cm Weight: 30 kg. Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												
CWR-10 (4W)	**110495E**	240 V	50 Hz	Single	1050 W	1 kW	5 amps.	189 m^3/h	2180 mm H_2O	Chinese	28.4 L	19 L
	Dimensions: H64 cm x W46 cm x L61 cm Weight: 30 kg. Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												
CWR-15 (4W)	**110497B**	240 V	50 Hz	Single	1050 W	1 kW	5 amps.	189 m^3/h	2180 mm H_2O	European	47.3 L	19 L
	Dimensions: H100 cm x W46 cm x L61 cm Weight: 31 kg. Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												
CWR-15 (4W)	**110497C**	240 V	50 Hz	Single	1050 W	1 kW	5 amps.	189 m^3/h	2180 mm H_2O	UK	47.3 L	19 L
	Dimensions: H100 cm x W46 cm x L61 cm Weight: 31 kg. Sound Level: 75 dB(A)											
Description: Manufacturer motor performance only on an orifice of Ø2" (Ø50mm). Results may vary.												

CWR-15 (4W)	**110497E**	240 V	50 Hz	Single	1050 W	1 kW	5 amps.	189 m^3/h	2180 mm H_20	Chinese	47.3 L	19 L
	Dimensions: H100 cm x W46 cm x L61 cm Weight: 31 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 (4W) SERIES

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

FILTERS AND ACCESSORIES FOR MODEL CWR-8 (4W) - Included	
Part #	**Description**
211265A	DOUBLE CLOTH FILTER ASSEMBLY WITH LACES FOR STAINLESS STEEL FILTER CAGE (CAGE SOLD SEPARATELY)
212732A	STAINLESS STEEL CAGE FOR CLOTH FILTER -ELECTROPOLISHED

FILTERS AND ACCESSORIES FOR MODELS CWR-10/15 (4W) - Included	
Part #	**Description**
211305A	DOUBLE CLOTH FILTER ASSEMBLY WITH LACES FOR STAINLESS STEEL FILTER CAGE (CAGE SOLD SEPARATELY)
212734A	STAINLESS STEEL CAGE FOR CLOTH FILTER -ELECTROPOLISHED

DISPOSABLE FILTER BAGS FOR MODEL CWR-8 (4W) - Included	
Part #	**Description**
219028-5	SYNTHETIC RECOVERY BAGS (WHITE) FOR EMI CWR (PACKAGE OF 5)
212730	PVC PIPE CONNECTOR FOR PAPER FILTER BAG -STAINLESS STEEL TANK

DISPOSABLE FILTER BAGS FOR MODEL CWR-10 (4W) - Included	
Part #	**Description**
218063-5	SYNTHETIC RECOVERY BAGS, 10" x 28", 50mm COLLAR (PACKAGE OF 5))
211840	PVC PIPE CONNECTOR FOR PAPER FILTER BAG -STAINLESS STEEL TANK

DISPOSABLE FILTER BAGS FOR MODEL CWR-15 (4W) - 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

DRAIN VALVE ASSEMBLY AND ACCESSORIES FOR MODEL CWR-8 (4W) - Optional	
Part #	**Description**
211157B	DRAIN VALVE ASSEMBLY 0.75"(19mm) STAINLESS STEEL WITH STREET ELBOW & 2.5"(64mm) NIPPLE
381093	DRAIN HOSE ASSEMBLY 0.75"(19mm)x5'(1.5m)CLEAR HOSE WITH 0.75"(19mm) STAINLESS STEEL FEMALE CAMLOCK

DRAIN VALVE ASSEMBLY AND ACCESSORIES FOR MODELS CWR-10/15 (4W) - Included	
Part #	**Description**
381093	DRAIN HOSE ASSEMBLY 0.75"(19mm)x5'(1.5m)CLEAR HOSE WITH 0.75"(19mm) STAINLESS STEEL FEMALE CAMLOCK

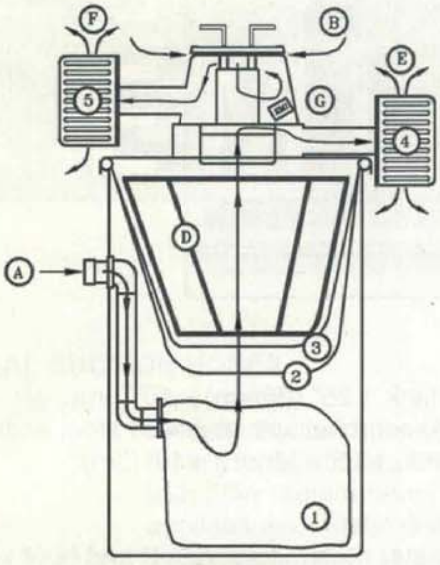
TOOLS AND ACCESSORIES - Included	
Part #	**Description**
323403	CLEAR URETHANE HOSE ASMBLY 1.25"(32mm) x10'(3m), w/1.5" S/S FFEMALE CAMLOCK, WITH S/S CURVED HANDLE
323330	EXTENSION WANDS, BOTH STRAIGHT, 1.25"(32mm) x 20.5"(52cm), STAINLESS STEEL (SET OF 2)
323311	COMBI TOOL, 1.25"(32mm) x 10.5" (27cm), 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 - Optional	
Part #	**Description**

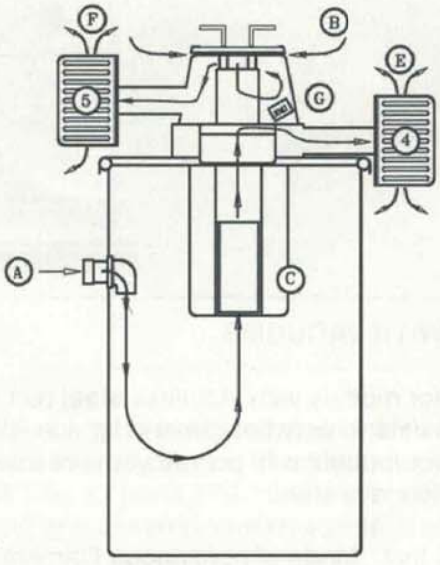
323470	FOODGRADE HOSE ASSEMBLY 1.25"(32mm)x10'(3m) FOR CWR-XX (SMOOTH INSIDE & OUT)
323455	EPDM HOSE ASSEMBLY SD* AUTOCLAVABLE 1.25" x 10' (32mm x3m) w/1.5" s/S SWIVEL CAMLOCK & CURVED HANDLE
323412	FLOOR TOOL ASSEMBLY, AUTOCLAVABLE, 1.25"(32mm) x 12"(30cm), STAINLESS STEEL w/WHITE NITRILE BLADES
323413	CREVICE TOOL, AUTOCLAVABLE, Ø1.25"(32mm)x10"(25.4cm) -STAINLESS STEEL

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)

CLEANROOM VACUUM CLEANERS FOR WET & DRY RECOVERY



Dry Recovery



Liquid Recovery

WET & DRY CLEANROOM VACUUM CLEANERS

A Suction intake
B Motor cooling air intake
C Autoclavable floater system: cuts-off suction when recovered liquids reach capacity
D Stainless steel support cage for cloth filter
E Clean air exhaust #1 - for working air
F Clean air exhaust #2 - for motor cooling air
G EMI electronic filter suppressor
H Middle Ring: Allows a variety of carbon filters to be used with the wet & dry cleanroom vacuums.(For use with models CWR-10 and CWR-15

FILTRATION SYSTEM

1. PAPER FILTER BAG WITH MICRO LINER (one micron efficiency) collects the bulk of recovered materials and keeps other filters free from clogging dust. For dry recovery only.

2. DOUBLE CLOTH FILTER (consisting of two layers):
DRALON PRE-FILTER prevents caking of fine dust

3. POLYESTER MAIN FILTER (one micron efficiency) prolongs the life of the Ulpa filters.

4. DUAL ULPA (Ultra Low Penetration Air) FILTERS:
ULPA FILTER for working air with 99.999% efficiency on 0.12 micron. Collects ultra-fine particles that have entered the vacuum system through the suction intake and also filters any contamination generated by the motor fans to ensure clean room compatibility.

5. ULPA FILTER for cooling air with 99.999% efficiency on 0.12 microns. Collects ultra-fine residue generated by the vacuum motor (from carbon brushes, bearings, etc) to ensure clean room Compatibility.