

Davide e Luigi Volpi S.p.A. Via San Rocco, 10 46040 CASALROMANO MN –ITALIA

COMPANY WITH QUALITY SYSTEM

MANAGEMENT CERTIFIED BY ICIM

= ISO 9001 =

TECHNICAL DATASHEET

KNAPSACK ELECTRIC SPRAYER 12 / 16 Lt V-BLACK VITA

WITH RECHARGEABLE LITHIUM BATTERY WITH TROLLEY

COD. 23VBC12 - 23VBC16





Davide e Luigi Volpi S.p.A. Via San Rocco, 10 46040 CASALROMANO MN –ITALIA

COMPANY WITH QUALITY SYSTEM

MANAGEMENT CERTIFIED BY ICIM

= ISO 9001 =

Tank material Sprayable Liters for each battery charge Rechargeable lithium battery Belectronic pressure regulator Pressure control Battery charge control Etlectrospic lance in aluminium/brass Screw cap with lance holder Padded shoulder straps and backrest Battery charger Padded shoulder straps and backrest Battery charger Battery charger Battery charger Pressure control Ethectronic pressure in aluminium/brass Screw cap with lance holder Padded shoulder straps and backrest Battery charger Bat	To all access?!		
Tank material Polypropylene Sprayable Liters for each battery charge With pressure 2,0 bar – up to 95 liters Rechargeable lithium battery 14,4 Vdc 2,0 Ah 28,8 Wh Nozzles supplied Adjustable brass nozzle for spraying Electronic pressure regulator Adjustable working pressure 0,5 ÷ 5 bar 7,25 ÷ 72,5 psi Pressure control Electronic board with voltage control that maintains constant pressure throughout battery life Battery charge control Led Extra outlet For herbicide bar connection on trolley (optional) Telescopic lance in aluminium/brass Screw cap with lance holder Padded shoulder straps and backrest Battery charger 1,0 A – 18W NBR (high pressure - resistance to mineral oils and greases) Pump High performance diaphragm pump Delivery hose lenght 2,0 mt Filling diameter 105 mm Temperature min. / max. 5° C / 40° C Trolley Structure in galvanized steel Sprayer locking system Pump dimensions	Tank capacity	12 Lt (23VBC12)	
Sprayable Liters for each battery charge With pressure 2,0 bar – up to 95 liters Rechargeable lithium battery 14,4 Vdc 2,0 Ah 28,8 Wh Nozzles supplied Adjustable brass nozzle for spraying Electronic pressure regulator 7,25 ÷ 72,5 psi Pressure control Electronic board with voltage control that maintains constant pressure throughout battery life Battery charge control Led Extra outlet For herbicide bar connection on trolley (optional) Telescopic lance in aluminium/brass Screw cap with lance holder Padded shoulder straps and backrest Battery charger 1,0 A – 18W NBR (high pressure - resistance to mineral oils and greases) Pump High performance diaphragm pump Delivery hose lenght 2,0 mt Filling diameter 105 mm Temperature min. / max. 5° C / 40° C Trolley Structure in galvanized steel Sprayer locking system Pump dimensions 24x36x48 (23VBC12) - 24x36x56 (23VBC16)		, ,	
chargeWith pressure 5,0 bar – up to 75 litersRechargeable lithium battery14,4 Vdc 2,0 Ah 28,8 WhNozzles suppliedAdjustable brass nozzle for sprayingElectronic pressure regulatorAdjustable working pressure 0,5 ÷ 5 bar 7,25 ÷ 72,5 psiPressure controlElectronic board with voltage control that maintains constant pressure throughout battery lifeBattery charge controlLedExtra outletFor herbicide bar connection on trolley (optional)Telescopic lance in aluminium/brassStandardScrew cap with lance holderStandardPadded shoulder straps and backrestStandardBattery charger1,0 A – 18WMBR (high pressure - resistance to mineral oils and greases)PumpHigh performance diaphragm pumpDelivery hose lenght2,0 mtFilling diameter105 mmTemperature min. / max.5° C / 40° CTrolleyStructure in galvanized steel Sprayer locking systemPump dimensions24x36x48 (23VBC12) - 24x36x56 (23VBC16)	Tank material	7 7	
Rechargeable lithium battery Nozzles supplied Adjustable brass nozzle for spraying Adjustable working pressure 0,5 ÷ 5 bar 7,25 ÷ 72,5 psi Pressure control Battery charge control Extra outlet For herbicide bar connection on trolley (optional) Telescopic lance in aluminium/brass Screw cap with lance holder Padded shoulder straps and backrest Battery charger Gaskets Pump High performance diaphragm pump Delivery hose lenght Filling diameter Trolley Structure in galvanized steel Sprayer locking system Pump dimensions 14,4 Vdc 2,0 Ah 28,8 Wh Adjustable brass nozzle for spraying Adjustable vorking pressure 0,5 ÷ 5 bar 7,25 ÷ 72,5 psi Electronic board with voltage control that maintains constant pressure 0,5 ÷ 5 bar 7,25 ÷ 72,5 psi Electronic board with voltage control that maintains constant pressure 1,0,5 ÷ 5 bar 7,25 ÷ 72,5 psi Electronic board with voltage control that maintains constant pressure 1,0,5 ÷ 5 bar 7,25 ÷ 72,5 psi Electronic board with voltage control that maintains constant pressure 1,2,5 ÷ 5 bar 7,25 ÷ 72,5 psi Electronic board with voltage control that maintains constant pressure 1,2,5 † 5 bar 7,25 ÷ 72,5 psi Electronic board with voltage control that maintains constant pressure 1,2,5 † 5 bar 7,25 ÷ 72,5 psi Electronic board with voltage control that maintains constant pressure 1,2,5 † 5 bar 7,25 ÷ 72,5 psi Electronic board with voltage control that maintains constant pressure 1,2,5 † 5 bar 7,25 ÷ 72,5 psi Electronic board with voltage control that maintains constant pressure 1,2,5 † 5 bar 7,25 ÷ 72,5 psi Electroni	Sprayable Liters for each battery	With pressure 2,0 bar – up to 95 liters	
Nozzles supplied Adjustable brass nozzle for spraying Adjustable working pressure 0,5 ÷ 5 bar 7,25 ÷ 72,5 psi Pressure control Battery charge control Extra outlet For herbicide bar connection on trolley (optional) Telescopic lance in aluminium/brass Screw cap with lance holder Padded shoulder straps and backrest Battery charger Gaskets Pump Pump High performance diaphragm pump Delivery hose lenght Temperature min. / max. Trolley Structure in galvanized steel Sprayer locking system Pump dimensions Adjustable working pressure 0,5 ÷ 5 bar 7,25 ÷ 72,5 psi Adjustable working pressure 0,5 ÷ 5 bar 7,25 ÷ 72,5 psi Adjustable working pressure 0,5 ÷ 5 bar 7,25 ÷ 72,5 psi Adjustable working pressure 0,5 ÷ 5 bar 7,25 ÷ 72,5 psi Electronic board with voltage control that maintains constant pressure throughout battery life Electronic board with voltage control that maintains constant pressure 4,25 bar 7,25 ÷ 70 bar	charge	With pressure 5,0 bar – up to 75 liters	
Electronic pressure regulator Adjustable working pressure 0,5 ÷ 5 bar 7,25 ÷ 72,5 psi Pressure control Battery charge control Extra outlet For herbicide bar connection on trolley (optional) Telescopic lance in aluminium/brass Screw cap with lance holder Padded shoulder straps and backrest Battery charger Adjustable working pressure 0,5 ÷ 5 bar 7,25 ÷ 72,5 psi Electronic board with voltage control that maintains constant pressure throughout battery life Led For herbicide bar connection on trolley (optional) Standard Standard Standard Padded shoulder straps and Standard Battery charger 1,0 A – 18W NBR (high pressure - resistance to mineral oils and greases) Pump High performance diaphragm pump Delivery hose lenght 2,0 mt Filling diameter 105 mm Temperature min. / max. 5° C / 40° C Trolley Structure in galvanized steel Sprayer locking system Pump dimensions 24x36x48 (23VBC12) - 24x36x56 (23VBC16)	Rechargeable lithium battery	14,4 Vdc 2,0 Ah 28,8 Wh	
Pressure control Battery charge control Extra outlet Padded shoulder straps and backrest Battery charger Battery charger Padded shoulder straps and backrest Battery charger Battery char	Nozzles supplied	Adjustable brass nozzle for spraying	
Pressure control Battery charge control Extra outlet Extra outlet For herbicide bar connection on trolley (optional) Telescopic lance in aluminium/brass Screw cap with lance holder Padded shoulder straps and backrest Battery charger Battery charger Battery charger Battery charger NBR (high pressure - resistance to mineral oils and greases) Pump High performance diaphragm pump Delivery hose lenght Filling diameter Temperature min. / max. Trolley Structure in galvanized steel Sprayer locking system Pump dimensions Electronic board with voltage control that maintains constant pressure throughout battery life Led For herbicide bar connection on trolley (optional) Standard Standard Standard NBR (high pressure - resistance to mineral oils and greases) Pump High performance diaphragm pump 2,0 mt Filling diameter Structure in galvanized steel Sprayer locking system Pump dimensions	Clashania nuasanna na milata	Adjustable working pressure 0,5 ÷ 5 bar	
Pressure control Battery charge control Extra outlet For herbicide bar connection on trolley (optional) Telescopic lance in aluminium/brass Screw cap with lance holder Padded shoulder straps and backrest Battery charger And	Electronic pressure regulator	7,25 ÷ 72,5 psi	
Battery charge control Extra outlet For herbicide bar connection on trolley (optional) Telescopic lance in aluminium/brass Screw cap with lance holder Padded shoulder straps and backrest Battery charger Battery charger Battery charger NBR (high pressure - resistance to mineral oils and greases) Pump High performance diaphragm pump Delivery hose lenght Filling diameter Temperature min. / max. Temperature min. / max. Trolley Structure in galvanized steel Sprayer locking system Pump dimensions 24x36x48 (23VBC12) - 24x36x56 (23VBC16)	Pressure control	Electronic board with voltage control that maintains	
Extra outlet For herbicide bar connection on trolley (optional) Telescopic lance in aluminium/brass Screw cap with lance holder Padded shoulder straps and backrest Battery charger Tolley Pump Belivery hose lenght Filling diameter Trolley For herbicide bar connection on trolley (optional) Standard Standard Nath of the pressure		constant pressure throughout battery life	
Telescopic lance in aluminium/brass Screw cap with lance holder Padded shoulder straps and backrest Battery charger This performance diaphragm pump Delivery hose lenght Filling diameter Trolley Trolley Standard Standard Standard Standard Standard NBR (high pressure - resistance to mineral oils and greases) High performance diaphragm pump 2,0 mt Tob mm Temperature min. / max. S° C / 40° C Structure in galvanized steel Sprayer locking system Pump dimensions 24x36x48 (23VBC12) - 24x36x56 (23VBC16)	Battery charge control	Led	
Screw cap with lance holder Padded shoulder straps and backrest Battery charger Gaskets Pump Pump Pump Delivery hose lenght Filling diameter Trolley Trolley Standard In A – 18W NBR (high pressure - resistance to mineral oils and greases) High performance diaphragm pump 2,0 mt 5° C / 40° C Structure in galvanized steel Sprayer locking system Pump dimensions 24x36x48 (23VBC12) - 24x36x56 (23VBC16)	Extra outlet	For herbicide bar connection on trolley (optional)	
Padded shoulder straps and backrest Battery charger Gaskets Pump Pump Pump Delivery hose lenght Filling diameter Temperature min. / max. Trolley Pump dimensions Standard Standard Standard Standard 1,0 A – 18W NBR (high pressure - resistance to mineral oils and greases) High performance diaphragm pump 2,0 mt 105 mm Temperature min. / max. 5° C / 40° C Structure in galvanized steel Sprayer locking system 24x36x48 (23VBC12) - 24x36x56 (23VBC16)	Telescopic lance in aluminium/brass	Standard	
backrest1,0 A – 18WGasketsNBR (high pressure - resistance to mineral oils and greases)PumpHigh performance diaphragm pumpDelivery hose lenght2,0 mtFilling diameter105 mmTemperature min. / max.5° C / 40° CTrolleyStructure in galvanized steel Sprayer locking systemPump dimensions24x36x48 (23VBC12) - 24x36x56 (23VBC16)	Screw cap with lance holder	Standard	
Battery charger Gaskets Pump Pump High performance diaphragm pump Delivery hose lenght Filling diameter Temperature min. / max. Trolley Pump dimensions 1,0 A – 18W NBR (high pressure - resistance to mineral oils and greases) High performance diaphragm pump 2,0 mt 105 mm 5° C / 40° C Structure in galvanized steel Sprayer locking system 24x36x48 (23VBC12) - 24x36x56 (23VBC16)	Padded shoulder straps and	Standard	
A NBR (high pressure - resistance to mineral oils and greases) Pump High performance diaphragm pump Delivery hose lenght 2,0 mt Filling diameter 105 mm Temperature min. / max. 5° C / 40° C Trolley Structure in galvanized steel Sprayer locking system Pump dimensions 24x36x48 (23VBC12) - 24x36x56 (23VBC16)	backrest		
Pump High performance diaphragm pump Delivery hose lenght 2,0 mt Filling diameter 105 mm Temperature min. / max. 5° C / 40° C Trolley Structure in galvanized steel Sprayer locking system Pump dimensions 24x36x48 (23VBC12) - 24x36x56 (23VBC16)	Battery charger	1,0 A – 18W	
Pump High performance diaphragm pump Delivery hose lenght 2,0 mt Filling diameter 105 mm Temperature min. / max. 5° C / 40° C Trolley Structure in galvanized steel Sprayer locking system Pump dimensions 24x36x48 (23VBC12) - 24x36x56 (23VBC16)	Caskata	NBR (high pressure - resistance to mineral oils and	
Delivery hose lenght2,0 mtFilling diameter105 mmTemperature min. / max.5° C / 40° CTrolleyStructure in galvanized steel Sprayer locking systemPump dimensions24x36x48 (23VBC12) - 24x36x56 (23VBC16)	Gaskets	greases)	
Filling diameter 105 mm Temperature min. / max. 5° C / 40° C Trolley Structure in galvanized steel Sprayer locking system Pump dimensions 24x36x48 (23VBC12) - 24x36x56 (23VBC16)	Pump	High performance diaphragm pump	
Temperature min. / max. 5° C / 40° C Trolley Structure in galvanized steel Sprayer locking system Pump dimensions 24x36x48 (23VBC12) - 24x36x56 (23VBC16)	Delivery hose lenght	2,0 mt	
Trolley Structure in galvanized steel Sprayer locking system Pump dimensions 24x36x48 (23VBC12) - 24x36x56 (23VBC16)	Filling diameter	105 mm	
Pump dimensions 24x36x48 (23VBC12) - 24x36x56 (23VBC16)	Temperature min. / max.	5° C / 40° C	
	Trolley	Structure in galvanized steel Sprayer locking system	
Trolley dimensions 56x30x18	Pump dimensions	24x36x48 (23VBC12) - 24x36x56 (23VBC16)	
	Trolley dimensions	56x30x18	
Weight (empty) sprayer + trolley 10,65 Kg	Weight (empty) sprayer + trolley	10,65 Kg	

ADJUSTABLE BRASS NOZZLE FOR SPRAYING (cod. 928)		
PRESSURE bar	DELIVERY APACITY Lt / min	Sprayable Liters for each battery charge
5,0	0,60	75
4,0	0,54	85
3,0	0,49	90
2,0	0,44	95

CLEANING: wash the tank after every use with clean water.

IMPORTANT: CAREFULLY FOLLOW THE INDICATIONS FOR USE REPORTED INTO THE USER'S MANUAL.