Homak

1-800-874-6625

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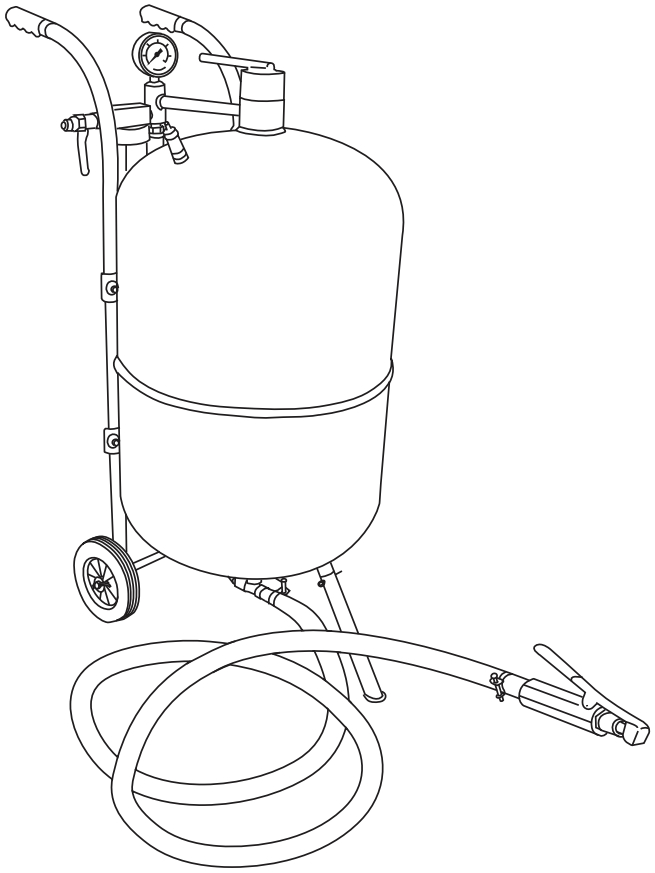
OWNER'S MANUAL & OPERATING INSTRUCTIONS

MANUEL DU PROPRIÉTAIRE MODE D'EMPLOI

GUÍA DE UTILIZACIÓN Y DIRECTIVAS DE FUNCIONAMIENTO



10 GALLON ABRASIVE PRESSURE POT
MARMITE À PRESSION D'ABRASIFS DE 37,8 L
CÁMARA DE PRESIÓN ABRASIVA DE 10 GALONES

MODEL / MODÈLE / MODELO:
RD00913191 - RED / ROUGE / ROJO

20 GALLON ABRASIVE PRESSURE POT
MARMITE À PRESSION D'ABRASIFS DE 75,6 L
CÁMARA DE PRESIÓN ABRASIVA DE 20 GALONES

MODEL / MODÈLE / MODELO:
RD00915311 - RED / ROUGE / ROJO

Homak Manufacturing
1605 Old Route 18 Suite 4-36, Wampum, PA 16157

THANK YOU FOR PURCHASING THIS QUALITY HOMAK PRODUCT.
WE APPRECIATE YOUR BUSINESS.

Congratulations on Your New Purchase!
Before operating your unit, please read the following carefully:

KEEP INSTRUCTION MANUAL IN A SAFE PLACE UPON OPENING YOUR NEW UNIT.
READ ALL INSTRUCTIONS AND SAFETY TIPS BEFORE USING THIS PRODUCT.

Please take the time to register your product by calling 1-800-874-6625 or by visiting www.Homak.com and clicking the “Product Registration” link.

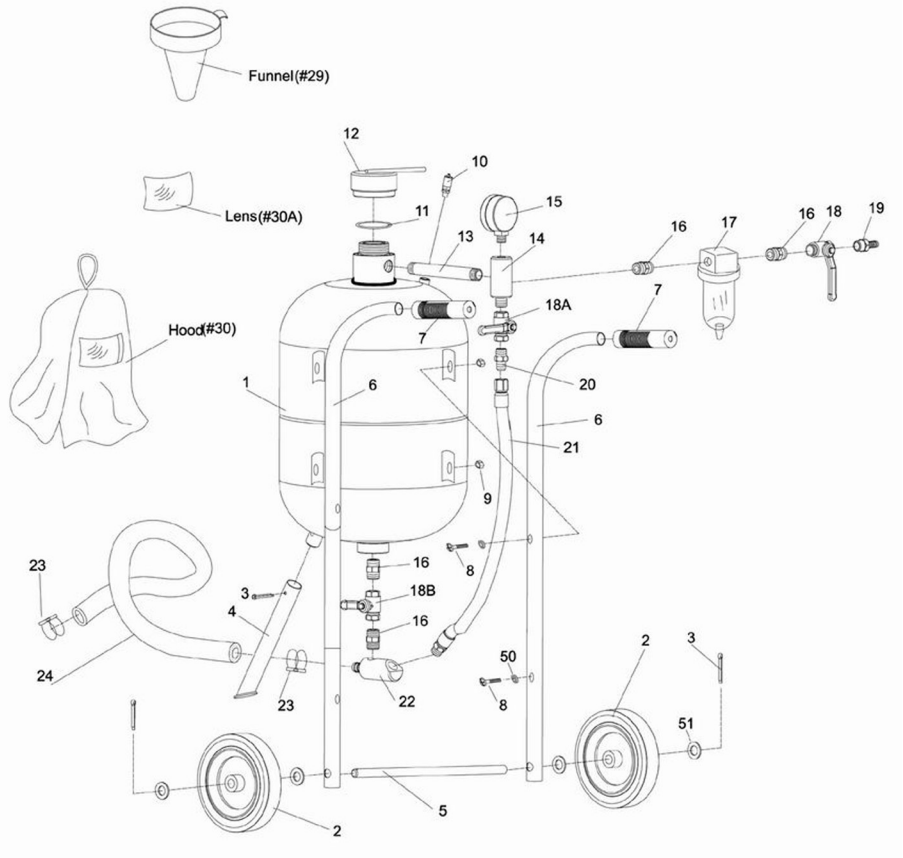
WARNING:

1. Read all instructions and safety tips before using this product, failure to do so may result in personal injury.
2. KEEP THE WORK AREA CLEAN. Cluttered areas invite injuries.
3. CONSIDER WORK AREA ENVIRONMENT. Do not use pressure pot in damp, wet, or poorly lit locations.
   .HHS ZRUN DUHD ZHOO OLW 'R QRW XVH FRPSUHVVRUV LQ WKH SU
4. KEEP CHILDREN AWAY. All children should be kept away from the work area. Do not let them handle tools, hose or extension cords. No one should be in the area of the pressure pot who does not have the same
   SURWHFWLYH HTXLSPHQW \RX DUH XVLQJ
5. DRESS PROPERLY. Wear protective clothing because a dust and abrasive hazard exists. As a minimum, wear the hood (included), a dust mask to prevent inhaling the material being removed and heavy duty gloves. Wear safety goggles or safety glasses during operation.
6. PERIODICALLY INSPECT THE MEDIA CARRYING COMPONENTS. These are being worn on the inside from the media whenever you use the pressure pots and will wear much more rapidly than the other components.
7. SECURE THE WORK. Use clamps or a vise to hold the work if it is small or light weight. It is safer than using your hands and it frees both hands to operate the nozzle.
8. DO NOT OVERREACH. Keep proper footing and balance at all times.
9. MAINTAIN TOOLS WITH CARE. Follow instructions for lubricating and changing components and accessories.
10. DISCONNECT AIR COMPRESSOR POWER when not in use, before servicing, and when changing components.
11. AVOID UNINTENTIONAL STARTING. Be sure the nozzle valve is in the off position when not in use.
12. STAY ALERT. Watch what you are doing, use common sense. Do not operate any machine or tool when you are tired.
13. REPLACEMENT PARTS. When servicing, use only identical replacement parts.
    'R QRW XVH WKLV SURGXFW RWKHU WKDQ ZKDW LV VSHFL¿HG LQ W
15. Use common sense when operating machinery.
16. For indoor use only.
17. DO NOT USE ANY SAND OR SILICA BASED ABRASIVES WITH THIS PRODUCT!
18. Only use O.S.H.A. recommended abrasives.

PARTS LIST

6SUHDG RXW DOO SLHFHV RQ WKH ÀRRU DQG FKHFN WKH SDUWV OLV

Item	Description	Quantity	Item	Description	Quantity
0001	Tank	1	0017	Water Trap	1
0002	Wheels	2	0018	3/8” Brass Air Supply Valve	1
0003	Cotter Pins	3	0018A	3/8” Brass Throttling Valve	1
0004	Front Foot	1	0018B	3/8” Steel Abrasive Control Valve	1
0005	Wheel Axle	1	0019	Inlet Connector	
0006	Handle Bars	2	0020	Nipple Connector	1
0007	Handle Grips	2	0021	Air Hose	1
0008	Pan Screws	4	0022	Abrasive Outlet Manifold	1
0009	Hex Nuts	4	0023	Hose Clamps	2
0010	Safety Valve	1	0024	Abrasive Hose	1
0011	O-Ring	1	0029	Funnel	1
0012	Tank Filler Cap	1	0030	Hood	1
0013	Joint Pipe	1	0030A	Lens for Hood	1
0014	Intake Manifold	1	0050	Washer	4
0015	Pressure Gauge	1	0051	Wheel Washer	4
0016	3/8” Nipple Connectors	5			



PARTS LIST - Abrasive Gun

6SUHDG RXW DOO SLHFHV RQ WKH ÀRRU DQG FKHFN WKH SDUWV OLVW

Item	Description	Quantity	Item	Description	Quantity
0031	Body Upper	1	0041	Screw ST 4.2 x 12	2
0032	Body Lower	1	0042	On/Off Control Lever	1
0033	Metal Pipe	1	0043	Spring Pin	1
0034	Intake Connector	1	0044	Spring	1
0035	Adaptor	1	0045	Rubber Pad	1
0036	Gasket	1	0046	Screw M3 x 25	1
0037	Ceramic Nozzles	4	0047	Hard Alloy Pad	1
0038	Rubber Adaptor	4	0048	Nut M3	1
0039	Nozzle Cap Nut	1	0049	Hose Adaptor	1
0040	Screw ST 4.2 x 16	4			

SAFETY INSTRUCTIONS

1. Before opening the tank, release the air pressure on the tank. To do this, turn off the air supply valve (18) and open the nozzle valve (42) to release the pressure in the line. Ensure that the tank pressure gauge (15) reads zero, then open the tank.

2. Maintain correct air pressure. Pressure should not exceed 125 PSI. If it does, the safety valve (10) is supposed to release the excess pressure. Do not investigate the tanks pressure problem until the pressure gauge (15) reads zero.

ASSEMBLY

1. Refer to the drawing for step 1, assembling the intake manifold (14). First, attach the pressure gauge (15), to the top of the intake manifold turning the gauge so that it can be seen across the top of the tank. Next, attach the throttling valve (18A) to the bottom of the manifold. Attach the nipple connector (20) to the throttling valve. Attach the joint pipe (13) to the manifold.

2. 5 H I H U W R W K H G U D Z L Q J I R U V W H S W R 7 D Z R V Q H P E O H W F K R Q Q H F W W D U H V F U H Z H G L Q W R H D F K V L G H R I W K H ¿ O W H U 2 Q R Q H V L G H D connector (16) and then attach the male/female connector (19) to the other side of the air supply valve. When you're ready to operate the pressure pot, the air hose from the compressor will fasten to the male/female connector (19).

3. Place the tank (01) on a table with the four clips up. Refer to the drawing for step 3.

STEP 1 *STEP 2*

6 F U H Z W K H Z D W H U W U D S ¿ O W H U D Q G L W V S D U W V L Q W R W K H Then screw the open end of the joint pipe (13) with intake manifold (14) and pressure gauge (15) D W W D F K H G L Q W R W K H W K U H D G H G K R O H R Q W K H V L G H R I W K H W K H V the manifold and gauge are vertical.

4. Refer to the drawing for step 4. Assembly of the media outlet valve into the hole at the bottom of the tank.

Attach four parts, in order: nipple connector (16); media metering valve (18B); nipple connector (16) and the media outlet pipe (22).

STEP 3 *STEP 4*

5. Refer to the drawing for step 5. Assembly of the nozzle shut off valve (42). In this assembly process, you'll select one of the four nozzles (37/38). This is not a permanent selection, as you may change nozzles according to the job being done. Screw the adapter (49) into the nozzle shut off valve (42). Screw the last nipple connector (16) into the other side of the valve. Screw the gasket (36) into the nipple connector then add a nozzle (37/38) and nozzle cap-nut (39).

6. Refer to the drawing for step 6, for connecting the sand metering valve assembly (Step 4) and the nozzle shut off assembly (step 5). Slide the two hose clamps (23) over each end of the media hose (24). Press one end of the hose over the nipple on the media outlet pipe (22) and the R W K H U H Q G R Y H U W K H D G D S W H U % R W K K R V H H Q G V V K R X O K R V H F O D P S V D O R Q J W K H K R V H W R H D F K Q L S S T O H D Q G Y W L W K R U force of 65 to 125 psi.

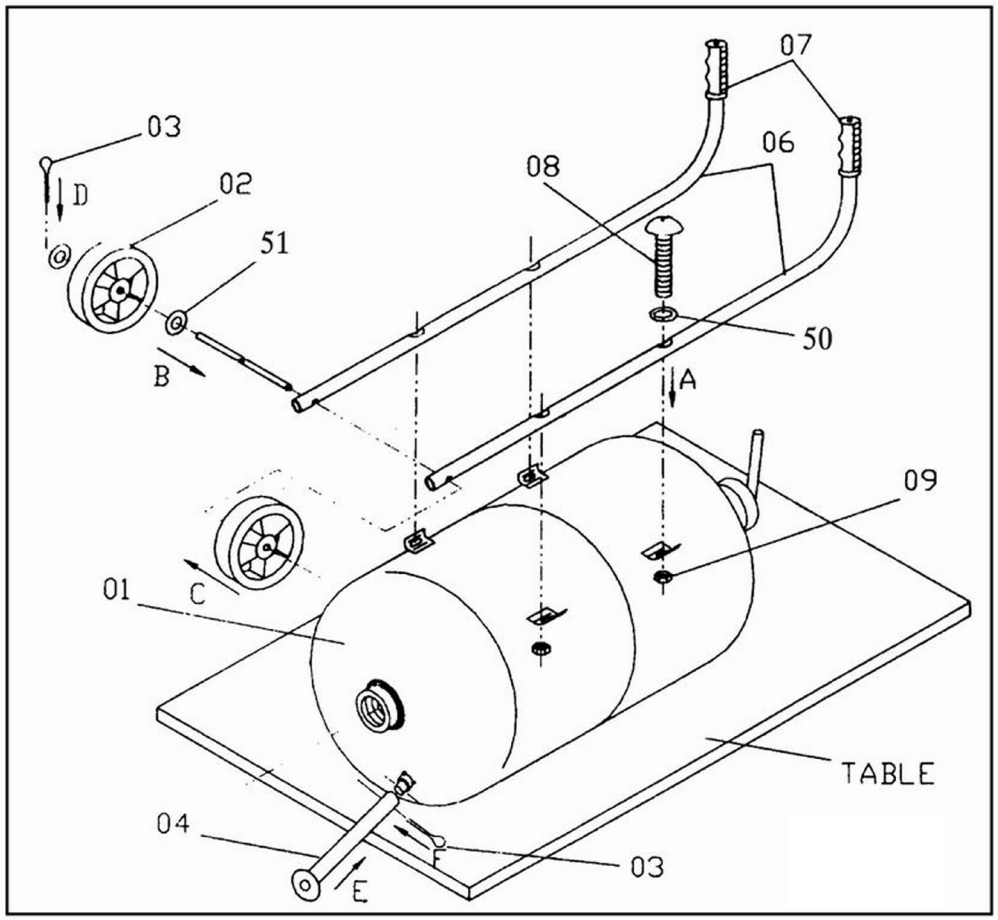
STEP 5 *STEP 6*

7. Fasten the two handlebars (06) to the tank using four pan screws (08) and four washers (50) and four hex nuts (09). Note: keep the handle curve ends upward.

8. Locate the axle (05) and slide it through the holes in the sides of the handlebars (06). Place one wheel (02) at each end of the axle and fasten them into place with cotter pins (03) and washer (51).

9. , Q V H U W W K H ¿ [R Q W R W K H ¿ W W L of the tank near the edge. Use your cotter pin (03) to hold the foot to the tank.

10. Before beginning operations, go back over each connection; double checking to ensure that all are tight and properly sealed.



STEP 7

ABRASIVE SELECTION

1. 7KH NLQG RI PHGLD \RX FKRRVH ZLOO JUHDWO\ LQÀXHQFH WK surface area. Abrasive media materials include glass bead, crushed garnet, crushed walnut shell etc… DO NOT USE SAND OR SILICA BASED ABRASIVES.

2. A high moisture content of the media can cause blockage in the media metering valve. Be sure to use dry media that is stored in a low-humidity environment. Only use O.S.H.A. recommended abrasives.

3. If you elect to reuse media, remember it does wear out. If the sharp edges become more round and are less effective, then replace with fresh media.

LOADING ABRASIVE MEDIA INTO THE TANK

1. Check your abrasive to be sure it's dry and won't clog the meter valve (18B), sand outlet pipe (22), hose (24), or other components.

2. Put on the protective clothing.

3. Turn the air supply valve (18) to the off (horizontal) position.

4. Open the nozzle shut off valve (42) (vertical position).

5. Watch the pressure gauge (15) and make sure it reads zero pressure.

6. 5HPRYH WKH ¿OOHU FDS IURP WKH WRS RI WKH WDQN

7. Insert the funnel (29) and pour the abrasive media into the funnel. Be sure to get enough into the WDQN WR GR WKH MRE DW KDQG %XW LI WKLV LV D ELJ MRE ¿ DPRXQW RI DEUDVLYH ORDG LW PRUH IUHTXHQWO\ DQG HPSW\ possibility of clogging the bottom of the tank or the line.

8. :LWK WKH FRUUHFW DPRXQW RI DEUDVLYH LQ WKH WDQN FOR

9. Close the nozzle shut-off valve (42) and open the air supply valve (18).

10. &KHFN IRU DLU OHDNV DW WKH ¿OOHU FDS DV \RX EHJLQ WR

MAINTENANCE

1. You should make every effort to protect your air compressor from any damage it may receive from your abrasive media work. Your best option is to keep the compressor in a room separate from the pressure pot. Use a long hose to provide the PSI needed to do your work. A second choice is to keep the compressor up wind from the work area. The greater the distance, the better. Other than that, you should continue standard maintenance procedures for the compressor.

2. Some parts of the pressure pot will wear much more rapidly than others. The parts needing close attention carry the air/abrasive mixture starting with the media hose (24) and going through the metal ¿WWLQJV WKH VKXW RII YDOYH & DQG WKH FHUDPLF QR]]OH

3. ,I DLU OHDNV GHYHORS LQ DQ\ RI WKHVH SDUWV \RX V-KRXOG paired or replaced. When it's new, the media hose (24) has 2 cord piles and the walls are ¼" thick. As the interior diameter has media running through it, this wall becomes thinner and thinner. One way to inspect the hose and other parts affected by the blasting is to put on your protective clothing. The pressurized the system and close the nozzle shut off valve (42C). Close your hand loosely around the KRVH DQG UXQ LW XS DQG GRZQ WKH KRV<IRR XD¶FOOR WE H WD E H¿ WW W LO You can also spot places in the hose where the wall is getting very thin. These show up as blisters in WKH KRVH ,I \RX ¿QG VXFK D EOLVWHU JHW D QHZ KRVH LPPH come out of the side of the hose at 65 or more PSI.

SPECIFICATIONS - 10 Gallon Pressure Pot
Tank Dimensions:12” Diameter, 20” Length
Overall Dimensions: 33 1/2” H x 18 3/4” L x 13” W
Weight: 40 lbs
Hose Length: 10 Feet

SPECIFICATIONS - 20 Gallon Presure Pot
Tank Dimensions:15” Diameter, 24” Length
Overall Dimensions: 35” H x 24” L x 15” W
Weight: 55 lbs
Hose Length: 10 Feet

AIR SUPPLY REQUIREMENTS
:RUNLQJ ZLWK SUHVVXUH SRWV UHTXLUHV D ODUJH YROXPH RI ZRUN FDQ EH DGYHUVHO\ DIIHFWHG E\ WKH XVH RI WRR VPDOO or an overly large nozzle.

Hose Inside Diameter	Hose Length	Nozzle Inside Diameter	Capacity Horsepower	CFM 125 PSI	MEDIA USE PER HOUR
3/8”	50 ft	0.10”	2	6	60 lbs
3/8”	25 ft	0.125”	4	12	100 lbs
1/2”	50 ft	0.150”	7	20	150 lbs
1/2”	25 ft	0.175”	10	25	200 lbs

We recommend that air pressure in the range of 65-125.

MERCI D'AVOIR ACHETÉ CE PRODUIT DE QUALITÉ HOMAK.
NOUS APPRÉCIONS VOTRE CLIENTÈLE.

Félicitations pour votre nouvel achat !
$YDQW G¶XWLOLVHU O¶XQLWp OLUH DWWHQWLYHPHQW FH TXL

CONSERVER CE GUIDE D'UTILISATION DANS EN ENDROIT SÛR DÈS RÉCEPTION DE L'UNITÉ.
LIRE TOUTES LES DIRECTIVES ET CONSIGNES DE SÉCURITÉ AVANT D'UTILISER CE PRODUIT.

Prenez le temps d'enregistrer votre produit en composant le 1-800-874-6625 ou en visitant
ZZZ KRPDN FRP HW HQ FOLTXDQW VXU OH OLHQ ©(QUHJLVWUHP

AVERTISSEMENT :

/LUH WRXWHV OHV GLUHFWLYHV HW FRQVLJQHV GH VpFXULWp DYDQW G¶XWLO

2. GARDEZ LA ZONE DE TRAVAIL PROPRE. Les endroits encombrés sont propices aux blessures.
3. ÉVALUEZ L'ENVIRONNEMENT DE LA ZONE DE TRAVAIL. N'utilisez la marmite à pression dans un endroit humide, mouillé ou mal éclairé. Maintenez la zone de travail bien éclairée. N'utilisez pas les compresseurs en présence de gaz ou de OLTXLGHV LQÀDPPDEOHV
4. NE LAISSEZ PAS LES ENFANTS S'APPROCHER DE L'APPAREIL. Tous les enfants doivent être tenus à l'écart de la zone de travail. Ne leur permettez pas de manipuler les outils, les tuyaux ou les cordons de rallonge. Personne ne devrait se trouver dans OD]RQH GH OD PDUPLWH j SUHVVLRQ VL FHWWH SHUVRQQH QH SRUWH SDV O
5. PORTEZ LES VÊTEMENTS APPROPRIÉS. Portez les vêtements de protection pour vous protéger de l'environnement pous VLpUHX[HW DEUDVLI $X PLQLPXP SRUWH] OD FDJRXOH LQFOXVH XQ PDVT éliminé et des gants résistants.
6. VÉRIFIEZ RÉGULIÈREMENT LES COMPOSANTS TRANSPORTANT LE MATÉRIAU. Ils s'usent de l'intérieur en raison du SDVVDJH GX PDWpULDX FKDTXH IRLV TXH YRXV XWLOLVH] OHV PDUPLWHV j SU autres composants.

),;(= 62/,'(0(17 /$ 3,Ê&('(75$9$,/ 8WLOLVH] GHV SLQFHV RX XQ pWDX SRXU PDL
&HOD HVW SOXV VpFXULWDLUH TXH G¶XWLOLVHU YRV PDLQV HW OLEqUH YRV
1¶e7,5(= 3$6 7523 /(%5$6 0DLQWHQH] XQH SRVLWLRQ VWDEOH HW XQ pTXLOLE
(175(7(1(= 62,*1(86(0(17 926 287,/6 6XLYH] OHV LQVWUXFWLRQV SRXU OD OXEU
et des accessoires.

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e9,7(= /(6 'e0$55$*(6 $&&,'(17(/6 $VVXUH] YRXV TXH OH URELQHW G¶DUUrW GH
l'appareil n'est pas utilisé.
'(0(85(= $/(57(3RUWH] DWWHQWLRQ j FH TXH YRXV IDLWHV HW IDLWHV SUHXY
SDUHLO RX XQ RXWLO ORUVTXH YRXV rWHV IDWLJXp
3,Ê&(6 '(5(&+$1*(1¶XWLOLVH] TXH GHV SLqFHV GH UHFKDQJH LGHQWLTXHV C
1H SDV XWLOLVHU FH SURGXLW SRXU XQH DXWUH ¿Q TXH FHOOH SUpFLVp GD
)DLUH SUHXYH GH MXJHPHQW SRXU IDLUH IRQFWLRQQHU O¶pTXLSHPHQW

16. Pour usage à l'intérieur seulement.
17. NE PAS UTILISER D'ABRASIF À BASE DE SABLE NI DE SILICE AVEC CE PRODUIT!
18. Utilizar solamente abrasivos recomendados por la O.S.H.A.