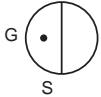


ABRASIVE TOOLS

SANDERS, POLISHERS & ORBITAL SANDERS

AG-180W



Standard type
Self-suction type

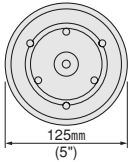
* Two different speeds available: 4,500rpm for sanding and polishing and 7,000rpm for grinding. AG-180W comes with sanding/polishing speed setting 4,500rpm with relevant accessories as standard. AG-180W can be converted into grinder model by changing speed regulator to G position and mounting wheel guard.

* Well-balanced orbital action achieves smooth scratch-free finish on any type of material.

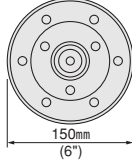
* As well as being the same well-balanced orbital action, following UP-15N, UP-25NB and UP-26NB have built-in type direct sanded-residue suction device. Sanded residue is sucked directly through the holes of the pads and corresponding holed sanding papers, keeping working environment clean.

* No additional dust cover system enables operators to watch the edge of paper directly, giving comfort and efficient operation.

UP-15N/25NB PAD



UP-26NB PAD



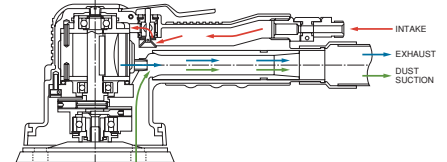
HOLED PAD



Dust collection bag
For UP-15N, 25NB&26NB



Cut view of UP-25NB



SANDERS / POLISHERS



ABRASIVE TOOLS

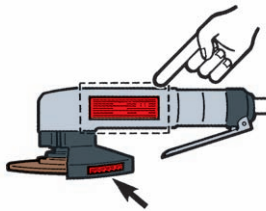
SPECIFICATIONS

Recommended Air Pressure: 0.6MPa (85psi)

Model	Capacity (Wheel size)		Max.Free Speed (about)	Rated Horse Power	Overall Length (about)		Overall Height (about)		Weight less wheel (about)		Spindle Size	Air Inlet Thread (Pipe Tap)	Air Hose Size		Average Air Consumption	
	mm	in			rpm	w	mm	in	mm	in			kg	lb	in	in
USG-45P	125	5	12000	225	187	7 23/64	104	4 3/32	0.87	1.91	3/8-24	NPT1/4	9.5	3/8	0.55	20.0
AG-180W	180	7	7000	690	315	12 13/32	111	4 3/8	2.80	6.16	5/8-11	NPT1/4	9.5	3/8	0.90	32.0
UP-80-15	180	7	1500	337	-	-	170	6 11/16	1.80	3.96	5/8-11	NPT1/4	9.5	3/8	0.80	28.0
UP-80-40	180	7	4000	337	-	-	164	6 15/32	1.80	3.96	5/8-11	NPT1/4	9.5	3/8	0.80	28.0
UP-80-60	160	5/16	6000	337	-	-	170	6 7/8	1.80	3.96	5/8-11	NPT1/4	9.5	3/8	0.80	28.0
UP-15	125	5	8000	210	112	4 13/32	93	3 21/32	1.20	2.64	-	NPT1/4	6.35	1/4	0.45	16.0
UP-25DB	125	5	10000	259	212	8 11/32	120	4 3/4	1.70	3.74	-	NPT1/4	6.35	1/4	0.20	7.0
UP-26DB	150	6	10000	259	212	8 11/32	120	4 3/4	1.78	3.92	-	NPT1/4	6.35	1/4	0.20	7.0
UP-15N	125	5	9000	225	175	6 57/64	103	4 1/16	1.50	3.30	-	NPT1/4	6.35	1/4	0.45	16.0
UP-25NB	125	5	9000	300	250	9 23/64	119	4 23/32	1.77	3.90	-	NPT1/4	9.5	3/8	0.60	21.0
UP-26NB	150	6	9000	300	263	10 23/64	119	4 23/32	1.95	4.30	-	NPT1/4	9.5	3/8	0.60	21.0

[WARNING FOR SAFETY USE]

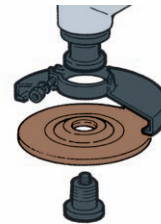
Firstly, follow your local safety regulations strictly on grinders and abrasives. Following are basically required.



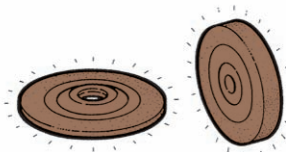
1) Before mounting to the Grinder, make sure that the Grinding Wheels or other Abrasives are of suitable size, shape, quality and strength to the rated speed (RPM) stamped on the name plate or tool housing.



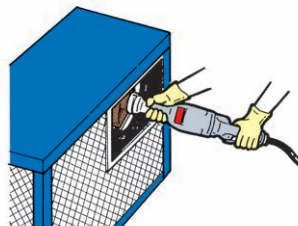
2) The Wheel Spindle speed should be regularly checked with a tachometer to make sure whether normal speed is maintained. The governed grinders must be checked to be sure governor mechanism is functioning properly.



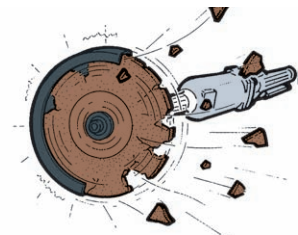
3) Make sure before operation that the abrasive Wheel should be mounted carefully and sufficiently with flanges and nuts of proper size and shape by use of the Spanners.



4) All Grinding Wheels should be closely inspected before installation and use. If cracks, nicks, or chips are found, do not use the Wheel in question.



5) Before installing a grinding Wheel, after all Grinders repair and whenever the Grinder is issued for use, test run the Grinder by a competent person for a while under a protected area.

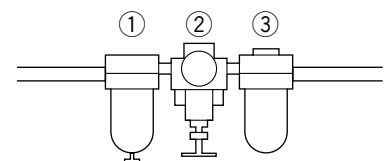
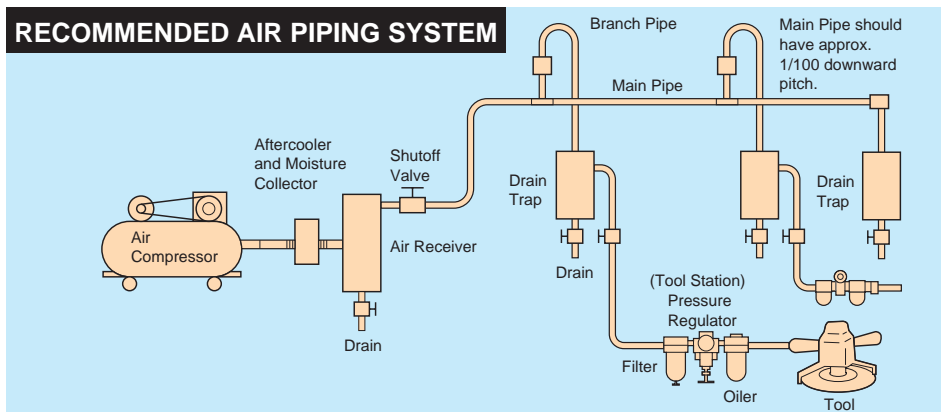


6) Never exceed maximum speed of the abrasive Wheel to avoid dangerous breakage. Fragments from the Wheel can cause serious injury or death. Do not operate without wearing eye protector and gloves.

RUBBER PAD, FIBER PAD & POLISHING PAD

PAD	MODEL	SIZE	CODE NOS.
RUBBER PAD	AG-100 series USG-4V series	80mm	554-406-1
	USG-5V series	125mm	892-006-1
	UP-80 series UAG-70 series UVG-1500 series UVG-1800 series AG-180W	170mm	566-406-1
FIBER PAD	USG-45P	73φ	553-415-1
		115φ	553-416-1
	AG-180W	120φ	585-415-1
		174φ	585-416-1
POLISHING PAD	UP-80-15 & 60	6"	998-510-0
	UP-80-40	7"	998-513-0

RECOMMENDED AIR PIPING SYSTEM



- ① **Air Filter :**
removes water and dirt particles from compressed air.
- ② **Pressure Regulator :**
gives steady and dependable regulation at 0.6MPa (85psi).
- ③ **Air Oiler (Lubricator) :**
assures longer and more dependable tool life.