



Specification

KUA Wall Mounted Ball Bearing Fume Extraction Arm

The PlymoVent KUA fume extraction arm shall be available in three lengths, 7 ft. (**KUA-2**), 10 ft. (**KUA-3**) and 14 ft (**KUA-4**). The 6.25 " diameter wall mounted ball bearing mounted extraction arm shall include a powder coated carbon steel mounting bracket with 3/8" bolt holes and will have a hanging flange mounted to the underside for mounting the articulated arm. The female spider pivot joint for connecting the machined steel shaft of the shoulder assembly houses two sets of ball bearing rollers for easy lateral movement of the extraction arm. The fume extraction arm is provided with an external sway adjustment friction pad set.

The internal support shoulder mechanism shall have an air-foil designed friction pad pivot and will have a tubular steel support brace which is bolted to the inner arm 20 gauge powder coated aluminum connection tube. An externally adjustable elbow joint will be constructed from polycarbonate and connects the inner arm tube to the outer arm tube. It shall be provided with an external friction pad set for each side of the elbow and will be held in place by an external adjustment knob on each side.

The universal wrist joint is supplied with a double plane double pivot to allow the hood to be angled 110 degrees throughout a 360 degree rotation. The hood collar and ring handle assembly will be comprised of a durable 60 degree spun aluminum hood housed with a safety mesh screen and will have an opening of 11.75 inch diameter.

The removable hood will be connected to the hood positioning collar through the use of an adjustable latch. The optional Sle flexible extension hose with magnetic hood may be connected to the arm's hood collar.

The hood will have the capacity to be retrofitted with a halogen light kit which also includes a switch set to be mounted to the side of the positioning collar. The positioning collar will be made of a polycarbonate material including a ratcheted manual shut-off damper.

All sections of the fume extraction arm will be interconnected by a 6.25 " diameter flame resistant double wall, neoprene coated woven polyamide with an external spring steel helix.

The KUA wall mounted ball bearing fume extraction arm shall have precise airflows and static pressure curves as tested in accordance with AMCA standard 500-D-98.



Specification

KUA Standing Ball Bearing Fume Extraction Arm

The PlymoVent KUA fume extraction arm shall be available in three lengths, 7 ft. (**KUA-2-S**), 10 ft. (**KUA-3-S**) and 14 ft (**KUA-4-S**). The 6.25 "diameter ball bearing mounted extraction arm shall include a powder coated ball bearing flange. The female spider pivot joint for connecting the machined steel shaft of the shoulder assembly houses two sets of ball bearing rollers for easy lateral movement of the extraction arm. The fume extraction arm is provided with an external sway adjustment friction pad set.

The internal support shoulder mechanism shall have an air-foil designed friction pad pivot and will have a tubular steel support brace which is bolted to the inner arm 20 gauge powder coated aluminum connection tube. An externally adjustable elbow joint will be constructed from polycarbonate and connects the inner arm tube to the outer arm tube. It shall be provided with an external friction pad set for each side of the elbow and will be held in place by and external adjustment knob on each side.

The universal wrist joint is supplied with a double plane double pivot to allow the hood to be angled 110 degrees throughout a 360 degree rotation. The hood collar and ring handle assembly will be comprised of a durable 60 degree spun aluminum hood housed with a safety mesh screen and will have a an opening of 11.75 inch diameter.

The removable hood will be connected to the hood positioning collar through the use of an adjustable latch. The optional Sle flexible extension hose with magnetic hood may be connected to the arm's hood collar.

The hood will have the capacity to be retrofitted with a halogen light kit which also includes a switch set to be mounted to the side of the positioning collar. The positioning collar will be made of a polycarbonate material including a ratcheted manual shut-off damper.

All sections of the fume extraction arm will be interconnected by a 6.25 " diameter flame resistant double wall, neoprene coated woven polyamide with an external spring steel helix.

The KUA standing ball bearing fume extraction arm shall have precise airflows and static pressure curves as tested in accordance with AMCA standard 500-D-98.