QP8 (Quiet Pro 8) Series

Unheated
Model Lengths: 36"–144"
Environmental Separation (up to 8')
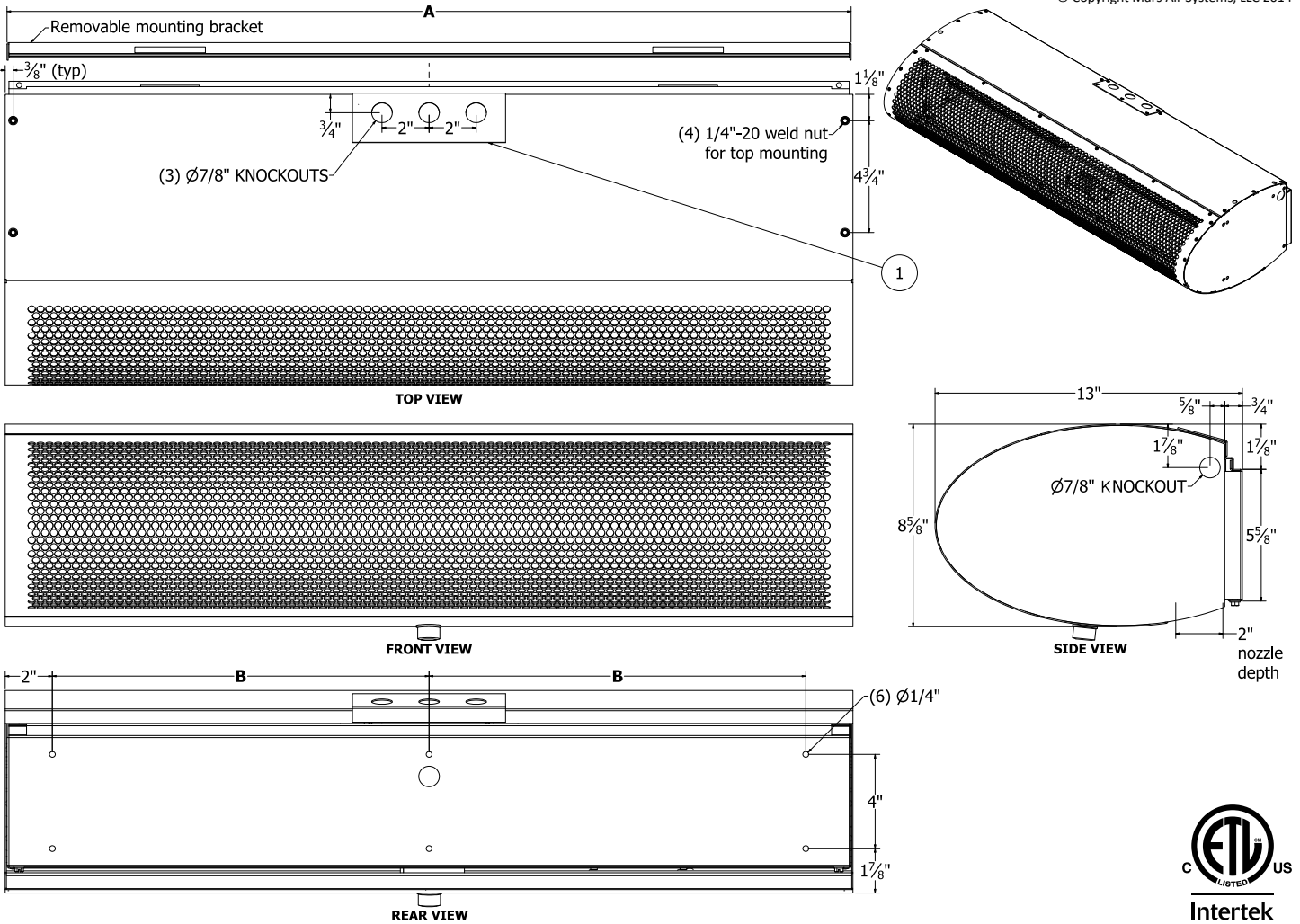Insect Control (up to 7')

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atmosphere is everything

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TOP VIEW

FRONT VIEW

SIDE VIEW

REAR VIEW

Notes:
1. Internal junction box (underneath removable access cover) provided for electrical wiring.
2. Recommended service clearances are 2" to the left and right sides, 6" on top, and 18" in front of the unit.
3. Circuit protection (per NEC) to be installed by others.
4. To prevent accidental damage during operation, unit must be installed so that the bottom of the air curtain does not extend below the door header.
5. Units up to 72" in width can be fastened to wall on both ends without intermediate support. Longer units are double units joined together and must be supported in the center.

Model Number	Mechanical Data					Lab Data	
	Overall Length A (in)	Nozzle Length (in)	Rear Mounting Distance B (in)	Motor (hp)	Weight (lb)	Max Velocity (fpm)	Max Volume (cfm)
☐ QP836-1U*-OB	36	36	16	1/6	38	1800	900
☐ QP842-1U*-OB	42	42	19	1/6	42	1800	1050
☐ QP848-1U*-OB	48	48	22	1/6	46	1800	1200
☐ QP860-1U*-OB	60	60	28	1/6	55	1800	1500
☐ QP872-1U*-OB	72	72	34	1/6	64	1800	1800
☐ QP884-2U*-OB	84	84	19	(2) 1/6	84	1800	2100
☐ QP896-2U*-OB	96	96	22	(2) 1/6	93	1800	2400
☐ QP8108-2U*-OB	108	108	25	(2) 1/6	101	1800	2700
☐ QP8120-2U*-OB	120	120	28	(2) 1/6	110	1800	3000
☐ QP8144-2U*-OB	144	144	34	(2) 1/6	127	1800	3600

* – Use corresponding letters in "Electrical Data" column headers (see page 2) to complete the model numbers.

Note: above data is for 60 Hz at 1550 RPM. For 50 Hz, RPM is 1300 with a 17% reduction in performance.

MARS AIR SYSTEMS, LLC ● GARDENA, CA ● USA

QP8 Unheated, 19 September 2024

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Insect Control (up to 7')

Standard Features:

❖ Designed for indoor and outdoor use
❖ Sleek aluminum shell over heavy gauge steel core
  ● Standard finish is anodized aluminum (AL)
❖ 1/6 HP continuous duty motors (NEMA 1)
❖ Variable speed controller with off setting
❖ Factory-wired 24V control circuit
❖ Adjustable air directional vane with 40° sweep front to back
❖ Removable wall mounting bracket for easy installation
❖ 5-year parts warranty
❖ Freight included (FOB continental USA)
❖ Proudly made in the USA

Mars Recommended Accessories (see catalog for complete listing):

❖ Door Limit Switches (§)
  ☐ 99-01018, Commercial surface mounted magnetic switch, 24V
❖ Solid State Controllers (§)
  ☐ J0021, Commercial low voltage controller, 115V, 1Ø, adjustable time delay, with commercial plastic surface mounted door limit switch (field installed)
❖ Brackets (§)
  ☐ B0042, Transom mounting bracket set
❖ Filters
  ☐ J21‡-†, ¼" aluminum pressed frame bank filters (‡ = Model Length, † = # of Motors)
(§) = Shipped loose

Sound Levels (measured at 10' in a free field):

25-36" Units = 47 dBA, 42" Unit = 48 dBA, 48" Unit = 50 dBA, 60-96" Units = 51 dBA, 108-144" Unit = 52 dBA

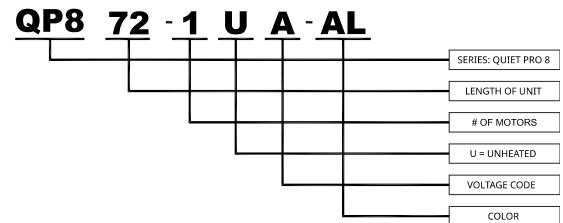| Electrical Data Full Load Amp (FLA)	Unit Amperage (Voltage Code)	
	115V/1Ø ☐ (A)	208-230V/1Ø ☐ (D)
☐ QP836-1U*-OB	2.4	1.2
☐ QP842-1U*-OB	2.4	1.2
☐ QP848-1U*-OB	2.4	1.2
☐ QP860-1U*-OB	2.6	1.4
☐ QP872-1U*-OB	2.6	1.4
☐ QP884-2U*-OB	4.8	2.4
☐ QP896-2U*-OB	4.8	2.4
☐ QP8108-2U*-OB	5.0	2.6
☐ QP8120-2U*-OB	5.2	2.8
☐ QP8144-2U*-OB	5.2	2.8

* – Use corresponding letters in "Voltage Code" column headers to complete the model numbers.

Ampacity (MCA) = total FLA X 1.25

Alternate voltage codes with FLA data:
·220V/1Ø/50Hz (U) – 0.9A per motor

EXAMPLE

QP8 72 - 1 U A - AL

SERIES: QUIET PRO 8
LENGTH OF UNIT
# OF MOTORS
U = UNHEATED
VOLTAGE CODE
COLOR

ETL LISTED C US
Intertek