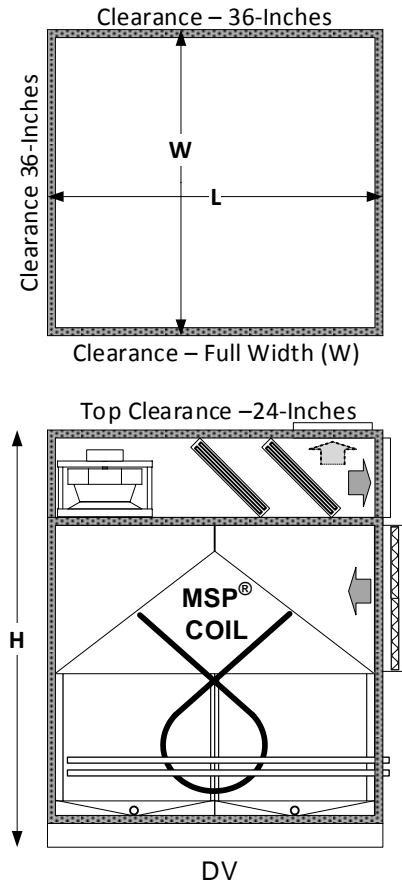


- ◆ **Reliable—No Moving Parts except a simple Direct Drive (Beltless) Fan**
- ◆ **Automatic Air Volume Control**
- ◆ **Sanitary—No Standing Water**
- ◆ **No Heating Energy Source Is Required**
- ◆ **Chilled Water and Refrigerant Models**
- ◆ **Refrigerant Models Uses Traditional Condensing Units**
- ◆ **Post Cooling / Heating Coil Options**



MODEL DVxA- (e)	f <sup>3</sup> /m	DIMENSIONS (In) (a)					FAN (g)		CAPACITY (lb/hr) (h)		TONS (h)		FILTERS (a)	WEIGHT (a)
		L	W	H (f)	RETURN	SUPPLY	Qty-Size	kW	80/60%	75/50%	80/60%	75/50%	Qty - Size	lb
4B0202	500	19	36	67	32x6	22x8	1-R280	0.7	15.4	6.7	1.6	0.9	2-16x 6x2	600
4B0203	750	27	36	70	32x9	22x12	1-R280	0.7	23.1	10.1	2.4	1.3	2-16x10x2	737
4B0204	1,000	34	36	76	32x12	22x15	1-R280	0.9	30.8	13.5	3.2	1.8	2-16x12x2	896
4B0206	1,500	49	36	90	32x18	22x23	1-R280	1.3	46.2	20.2	4.8	2.6	2-16x18x2	1,236
4B0404	2,000	34	57	76	53x12	43x15	1-Z315	1.5	61.6	26.9	6.5	3.5	2-25x12x2	1,303
4B0406	3,000	49	57	91	53x18	43x23	1-Z355	2.2	92.3	40.4	9.7	5.3	2-25x18x2	1,828
4B0804	4,000	34	100	77	96x12	86x15	1-Z400	3.1	123.1	53.9	12.9	7.1	4-24x12x2	2,115
4B0806	6,000	49	100	91	96x18	86x23	2-Z400	2.7	184.7	80.8	19.4	10.6	4-24x18x2	3,033
4B0808	8,000	66	100	106	96x24	86x30	2-Z400	5.9	246.3	107.8	25.9	14.1	4-24x24x2	3,894
4B0810	10,000	81	100	111	96x32	86x27	2-Z560	7.1	307.8	134.7	32.3	17.6	8-24x16x2	4,793
4B0812	12,000	96	100	120	96x36	86x32	2-Z560	8.3	369.4	161.6	38.8	21.2	8-24x18x2	5,707

(a) Weight and Dimensions are subject to change without notice

(e) Insert "I" for indoor construction or "O" for outdoor construction. Example DVIA or DVOA

(g) Fans data based on 1.0" ESP

(h) Based on sea level operation with 45f supply air dew point.

## ABOUT MSP® DEHUMIDIFICATION TECHNOLOGY

MSP® Dehumidification Technology is offered in a wide range of super-efficient, industrial grade dehumidification equipment under the MSP Technology brand. Designed specifically for green applications, MSP products are engineered for high performance, guaranteed.

## SOME APPLICATIONS FOR MSP TECHNOLOGY

### INDOOR FARMING

Produce • Medical Marijuana

### ATMOSPHERIC WATER GENERATION

### CONDENSATION CONTROL

Supermarkets • Indoor Ice Rinks • Water Treatment  
Wastewater Treatment Facilities

### PRODUCT DRYING

Leather • Food Drying • Paper Production  
Investment Casting • Lumber

### PRESERVATION

Dry Storage Warehouses • Paper Storage  
Museums • Archives • Libraries • Film Storage

### EXPLOSIVE & FLAMMABLE ENVIRONMENTS

Paint Spray Booths • Military • Munitions Storage

### CRITICAL ENVIRONMENT

Semiconductor Manufacturing • Pharmaceuticals  
Health Care • Laboratories • Clean Rooms

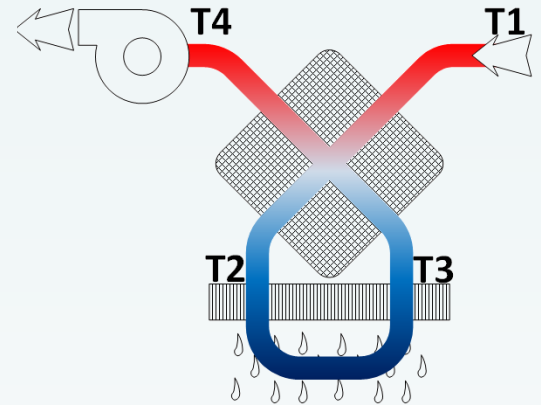
## OUR CLIENTS INCLUDE



and many more...

## HOW IT WORKS

### MSP® DEHUMIDIFICATION AND ATMOSPHERIC WATER GENERATION TECHNOLOGY



**STEP 1** Warm, humid incoming air (T1) flows through the first pass of the plate type air-to-air heat exchangers for pre-cooling and initial condensing and water production. This is accomplished by regenerative thermal exchange with the cooler air that is leaving the heat exchanger. (see step 3)

**Advantage:** Pre-cooling, condensing and water production by regenerative thermal exchange are "free" and involve no additional equipment.

**STEP 2** Pre-cooled air (T2) then passes twice over conventional cooling coils for final cooling, condensing and water production

**Advantage:** Pre-conditioned air can be treated much more efficiently, using smaller compressors that require as little as one-half the power.

**STEP 3** The cool, now dry air (T3) is then drawn back through the opposite side of the heat exchanger where it absorbs some heat from incoming air (see step 1) and continues on to the conditioned environment.

**Advantage:** No heating coil—and no energy penalty—needed to reheat the dehumidified air before it enters the conditioned environment.