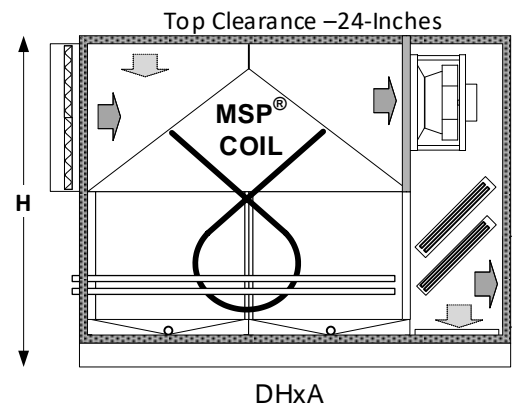
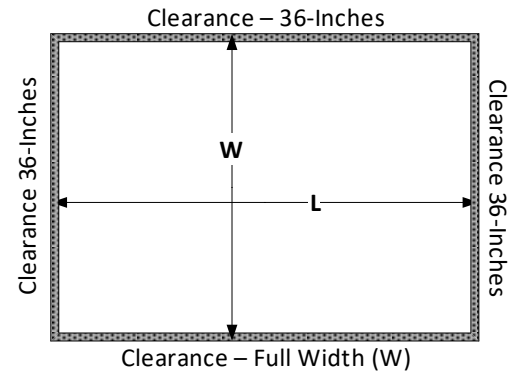


- ◆ **Reliable—No Moving Parts except a simple Direct Drive (Beltless) Fan with Automatic Air Volume Control**
- ◆ **Sanitary—No Standing Water**
- ◆ **No Heating Energy Source Is Required**
- ◆ **Chilled Water and Refrigerant Models**
- ◆ **Refrigerant Models Uses Traditional Condensing Units**
- ◆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



MODEL DHxA- (e)	f ³ /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	37	36	64	32x6	22x7	1-R280	0.7	15.4	6.7	1.6	0.9	2-16x 6x2	738
4B0203	750	45	36	64	32x9	22x7	1-R280	0.7	23.1	10.1	2.4	1.3	2-16x10x2	859
4B0204	1,000	55	36	64	32x12	22x9	1-R280	0.9	30.8	13.5	3.2	1.8	2-16x12x2	1,007
4B0206	1,500	78	36	65	32x18	22x14	1-R280	1.3	46.2	20.2	4.8	2.6	2-16x18x2	1,316
4B0404	2,000	55	57	65	53x12	43x11	1-Z315	1.5	61.6	26.9	6.5	3.5	2-25x12x2	1,438
4B0406	3,000	78	57	68	53x18	43x17	1-Z355	2.2	92.3	40.4	9.7	5.3	2-25x18x2	1,938
4B0804	4,000	55	100	70	96x12	86x12	1-Z400	3.1	123.1	53.9	12.9	7.1	4-24x12x2	2,337
4B0806	6,000	78	100	70	96x18	86x18	2-Z400	2.7	184.7	80.8	19.4	10.6	4-24x18x2	3,196
4B0808	8,000	102	100	74	96x24	86x24	2-Z400	5.9	246.3	107.8	25.9	14.1	4-24x24x2	4,003
4B0810	10,000	117	100	82	96x32	86x30	2-Z560	7.1	307.8	134.7	32.3	17.6	8-24x16x2	4,931
4B0812	12,000	138	100	86	96x36	86x36	2-Z560	8.3	369.4	161.6	38.8	21.2	8-24x18x2	5,840
4A0814	14,000	161	100	98	96x48	86x42	2-Z560	9.7	431.0	188.6	45.2	24.7	8-24x24x2	6,888
4B0816	16,000	182	100	98	96x48	86x48	3-Z560	11.3	492.5	215.5	51.7	28.2	12-24x16x2	7,877
4B0818	18,000	203	100	104	96x54	86x54	3-Z560	12.5	554.1	242.5	58.2	31.7	12-24x18x2	8,840

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

(e) Insert "I" for indoor construction or "O" for outdoor construction. Example DHIA or DHOA

(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, and others. 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

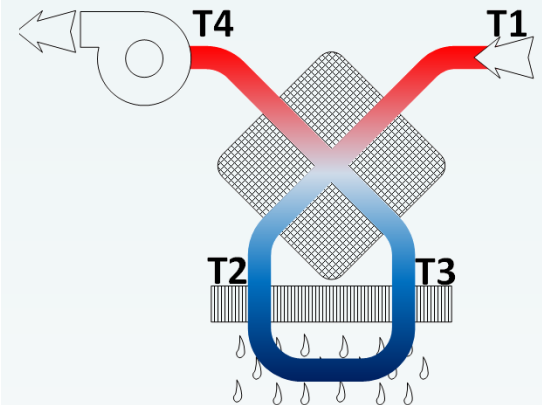
Semiconductor Manufacturing • Pharmaceuticals
Health Care • Laboratories • Clean Rooms

OUR CLIENTS INCLUDE



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 possibly serve a secondary purpose.

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