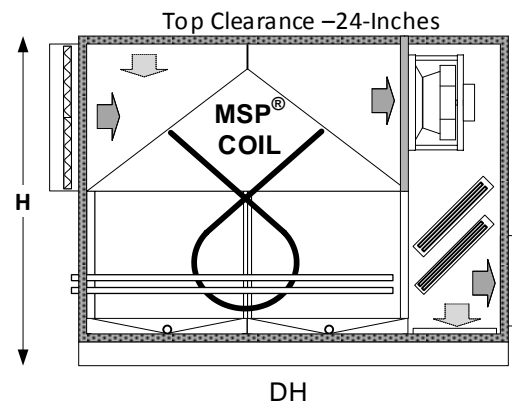
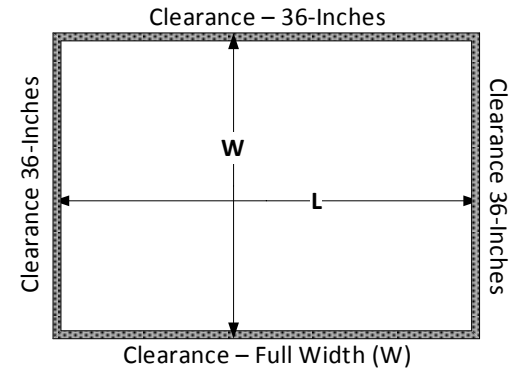


- ◆ **Reliable—No Moving Parts except a simple Direct Drive (Beltless) Fan**
- ◆ **Automatic Air Volume Control**
- ◆ **Sanitary—No Standing Water**
- ◆ **No Heating Energy Source Is Required**
- ◆ **Chilled Water and Refrigerant Models**
- ◆ **Refrigerant Models Uses Traditional Condensing Units**
-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



MODEL DH-	ft ³ /m	DIMENSIONS (In)					FAN		CAPACITY (lb/hr)		TONS		FILTERS	WEIGHT
		(a)					(g)		(h)		(h)		(a)	(a)
		L	W	H (f)	RETURN	SUPPLY	Qty-Size	kW	80/60%	75/50%	80/60%	75/50%	Qty - Size	lb
0202	500	36	36	64	32x6	22x7	1-280	1.6	15.4	6.7	1.6	0.9	2- 6x16x2	707
0203	750	44	36	64	32x10	22x10	1-280	1.6	23.1	10.1	2.4	1.3	2-10x16x2	904
0204	1,000	52	36	64	32x12	22x14	1-280	1.6	30.8	13.5	3.2	1.8	2-12x16x2	1,146
0206	1,500	75	36	65	32x18	22x20	1-280	1.6	46.2	20.2	4.8	2.6	2-18x16x2	1,823
0404	2,000	52	57	65	53x12	43x14	1-315	2.5	61.6	26.9	6.5	3.5	2-12x25x2	1,405
0406	3,000	75	57	68	53x18	43x21	1-355	2.5	92.3	40.4	9.7	5.3	2-18x25x2	2,168
0804	4,000	54	100	70	96x12	86x14	1-400	3.6	123.1	53.9	12.9	7.1	4-12x24x2	2,022
0806	6,000	75	100	70	96x18	86x21	2-400	6.6	184.7	80.8	19.4	10.6	4-18x24x2	2,914
0808	8,000	99	100	74	96x24	86x27	2-400	6.6	246.3	107.8	25.9	14.1	4-24x24x2	3,819
0810	10,000	122	100	82	96x32	86x34	2-560	12.0	307.8	134.7	32.3	17.6	8-16x24x2	5,052
0812	12,000	144	100	86	96x36	86x41	2-560	12.0	369.4	161.6	38.8	21.2	8-18x24x2	5,979
0814	14,000	169	100	98	96x48	86x47	2-560	12.0	431.0	188.6	45.2	24.7	8-24x24x2	7,070
0816	16,000	191	100	122	96x72	86x54	3-560	18.0	492.5	215.5	51.7	28.2	12-24x16x2	8,616
0818	18,000	214	100	122	96x72	86x61	3-560	18.0	554.1	242.5	58.2	31.7	12-24x18x2	9,512

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

(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

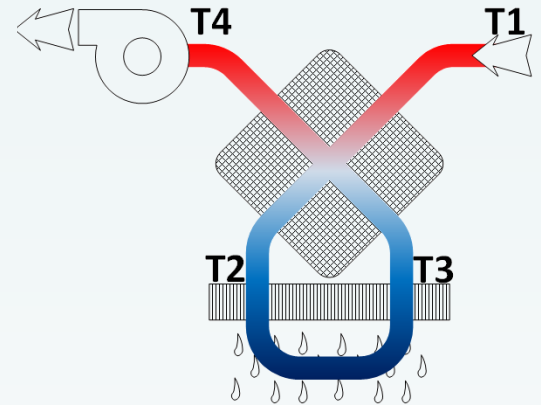
Semiconductor Manufacturing • Pharmaceuticals
Health Care • Laboratories • Clean Rooms

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.