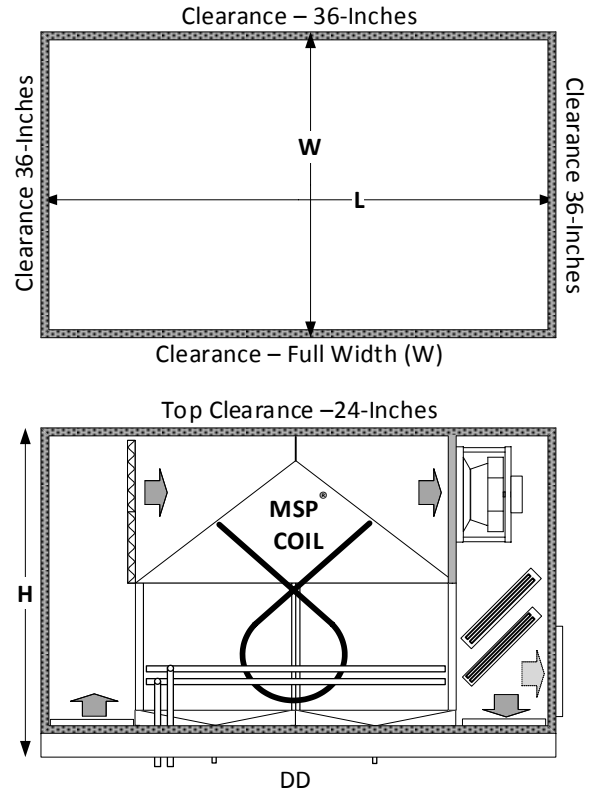


- ◆ **Reliable—No Moving Parts except a simple Direct Drive (Beltless) Fan with Automatic Air Volume Control**
- ◆ **Sanitary—No Standing Water**
- ◆ **No Heating Energy Source Is Required**
- ◆ **Chilled Water and Refrigerant Models**
- ◆ **Refrigerant Models Uses Traditional Condensing Units**
- ◆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



MODEL DD-	f ² /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	46	36	64	32x5	22x8	1-280	1.6	15.4	6.7	1.6	0.9	2- 6x16x2	791
0203	750	56	36	64	32x7	22x12	1-280	1.6	23.1	10.1	2.4	1.3	2-10x16x2	1,005
0204	1,000	66	36	64	32x9	22x15	1-280	1.6	30.8	13.5	3.2	1.8	2-12x16x2	1,263
0206	1,500	94	36	65	32x14	22x23	1-280	1.6	46.2	20.2	4.8	2.6	2-18x16x2	1,984
0404	2,000	68	57	65	53x11	43x15	1-315	2.5	61.6	26.9	6.5	3.5	2-12x25x2	1,568
0406	3,000	97	57	68	53x17	43x23	1-355	2.5	92.3	40.4	9.7	5.3	2-18x25x2	2,398
0804	4,000	71	100	70	96x12	86x15	1-400	3.6	123.1	53.9	12.9	7.1	4-12x24x2	2,262
0806	6,000	98	100	70	96x18	86x23	2-400	6.6	184.7	80.8	19.4	10.6	4-18x24x2	3,239
0808	8,000	128	100	74	96x24	86x30	2-400	6.6	246.3	107.8	25.9	14.1	4-24x24x2	4,239
0810	10,000	157	100	82	96x30	86x38	2-560	12.0	307.8	134.7	32.3	17.6	8-16x24x2	5,581
0812	12,000	185	100	86	96x36	86x45	2-560	12.0	369.4	161.6	38.8	21.2	8-18x24x2	6,611
0814	14,000	216	100	98	96x42	86x53	2-560	12.0	431.0	188.6	45.2	24.7	8-24x24x2	7,838
0816	16,000	244	100	122	96x48	86x60	3-560	18.0	492.5	215.5	51.7	28.2	12-24x16x2	9,582
0818	18,000	273	100	122	96x54	86x68	3-560	18.0	554.1	242.5	58.2	31.7	12-24x18x2	10,587

(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

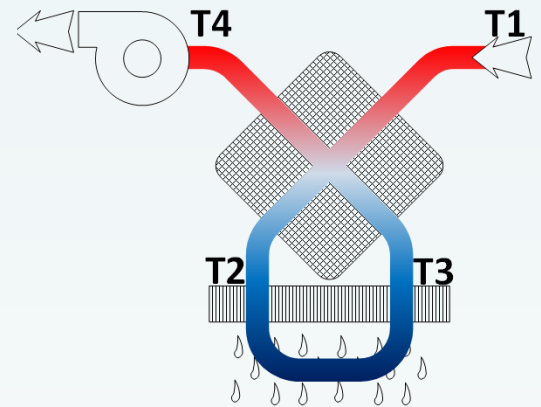
Semiconductor Manufacturing • Pharmaceuticals
Health Care • Laboratories • Clean Rooms

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.