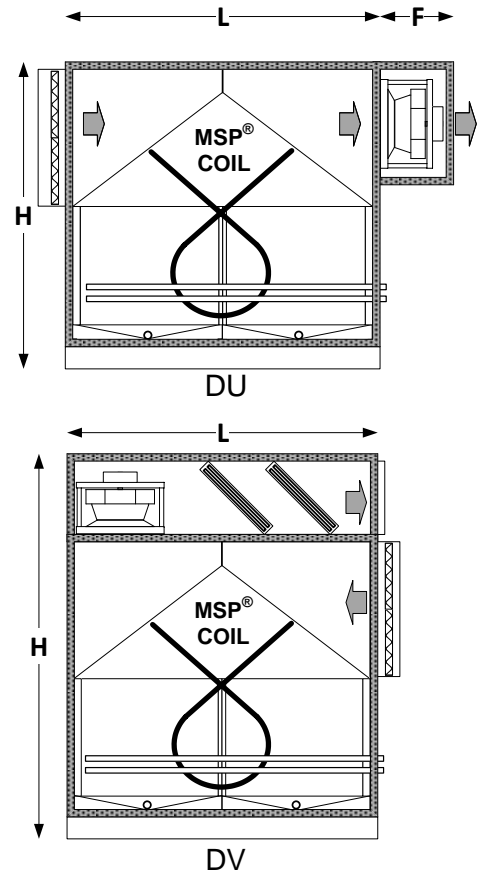


- ◆ Reliable—No Moving Parts except a simple Direct Drive (Beltless) Fan
- ◆ Automatic Air Volume Control
- ◆ Sanitary—No Standing Water
- ◆ No Heating Energy Source Is Required
- ◆ Chilled Water and Refrigerant Models
- ◆ Refrigerant Models Uses Traditional Condensing Units



Model	CFM (f^3/m)	Dimensions (in) (a)					Fan (b)		Capacity(lb/hr) (c)		Tons (c)		Filters (c)	Weight (a)
		L	W	H	Return	Supply	QTY-Size	kW	80/60%	75/50%	80/60%	75/50%	QTY-Size (in)	lb
DU-0204	1,000	34	34	66	25x16	22x22	1 - 315	1.2	30.8	13.5	3.2	1.8	1-14x24x2	700
DU-0404	2,000	55	35	66	47x16	32x22	1 - 315	2.3	61.6	26.9	6.5	3.5	2-14x24x2	950
DV-0204	1,000	34	34	78	24x16	22x17	1 - 315	1.2	30.8	13.5	3.2	1.8	1-14x24x2	880
DV-0404	2,000	55	35	78	47x16	43x17	1 - 315	2.3	61.6	26.9	6.5	3.5	2-14x24x2	1,200
DV-0606	4,500	77	55	96	74x22	66x25	1 - 450	3.8	138.6	67.5	16.2	8.7	3-20x25x2	2,400
DV-0806	6,000	96	55	96	95x22	87x25	2 - 350	5.4	184.7	80.8	19.4	10.6	4-24x24x2	3,000
DV-0808	8,000	96	70	102	95x25	87x27	2 - 450	7.4	246.3	107.8	25.9	14.1	4-24x24x2	3,600
DV-0810	10,000	96	85	113	95x33	87x30	2 - 450	7.6	307.8	134.7	32.3	17.6	8-14x24x2	4,800
DV-0812	12,000	96	100	120	95x37	87x33	2 - 560	8.4	369.4	161.6	38.8	21.2	8-18x24x2	5,200

(a) Weight and dimensions are subject to change without notice.

(b) Fan data based on 1.0" ESP.

(c) 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

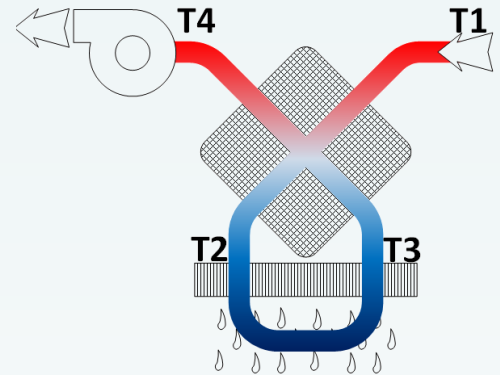
OUR CLIENTS INCLUDE



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.