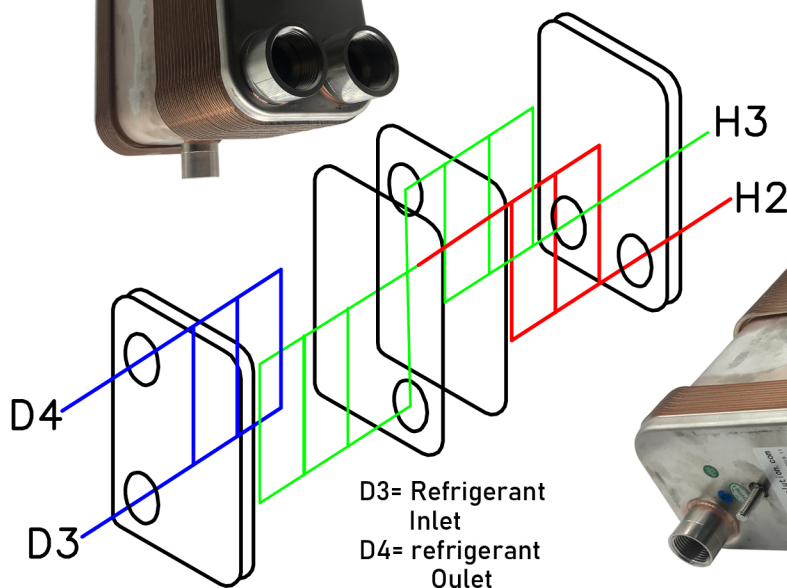
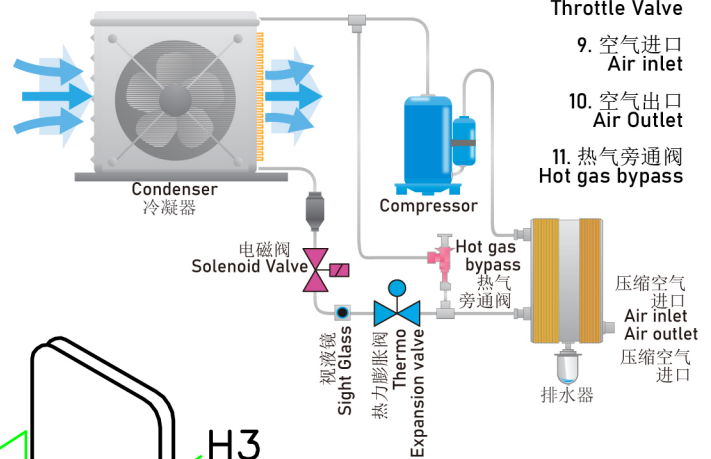
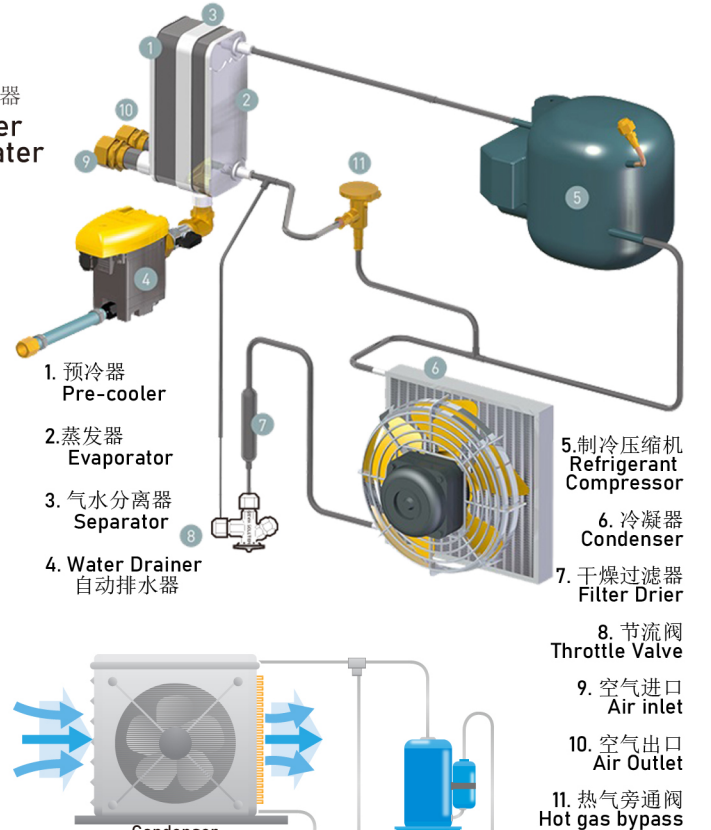
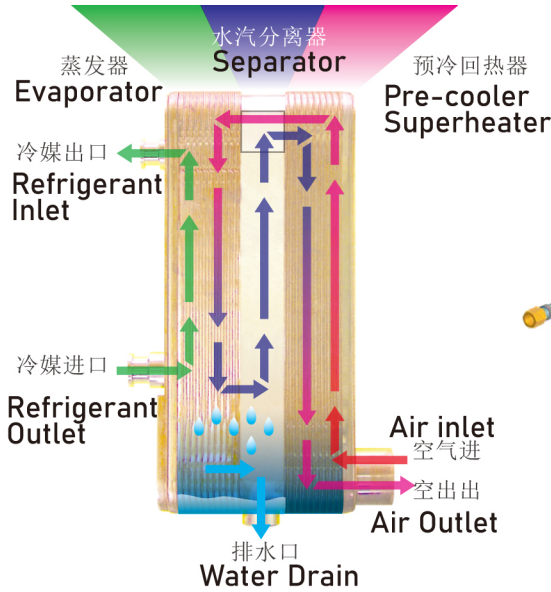
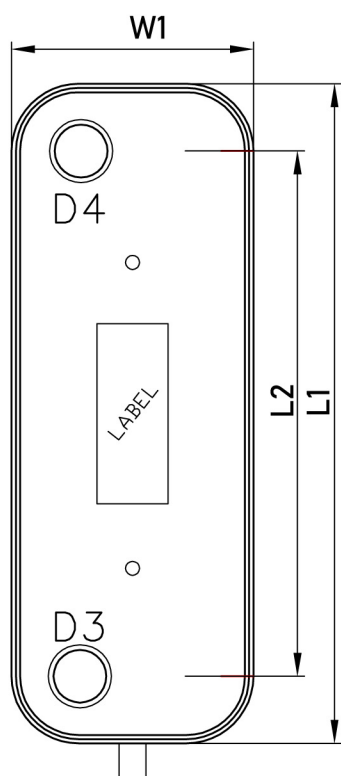


冷冻式空气干燥机专用板式热交换器, 除体积小可节省空间, 热传效能高, 兼具预冷器(回热)、蒸发器、气水分离器等三机一体创新设计, 气水分离器可去除压缩空气中的水份, 且非滤材设计, 免去堵塞的问题, 是冷冻式空气干燥机中不可或缺的重要元件。

The Phate HE is specially designed for refrigerated air dryer. Combining pre-cooler, evaporator and separator. It provides compact size and high thermal transfer performance for your system. The special design separator can perfectly dehumidify compressed air & eliminate the need for demister to avoid clogging problem.



空压机功率 Air compressor Power		5 HP	8 HP	10 HP	12 HP	15 HP	20 HP	30 HP	50 HP	75 HP	100 HP	150 HP	200 HP	
		空气处理量												
		Nm³/min	0.58	0.83	1.00	1.33	1.67	2.40	4.20	7.00	11.00	14.00	22.00	28.00
		Nm³/hr	35	50	60	80	100	144	252	420	660	840	1320	1680
SCFM		20.5	29.3	35.3	47	59	84.7	148.3	247.2	388.4	494.3	776.8	988.7	
状态点 Testing Conditions		对应换热器建议型号 Suggested models of PHE												
空气入口=35°C Air inlet=35°C	Dew Point 露点	3°C	A014-14-8D	A014-20-10D	A014-22-12D	A014-24-16D	A014-40-24D	A026-20-26H	A026-32-40H	A026-46-66H	A095-24-36X	A095-32-44X	A095-56-72X	A095-72-92X
		7°C	A014-12-6D	A014-18-8D	A014-18-10D	A014-22-12D	A014-24-16D	A014-42-28D	A026-26-32H	A026-40-52H	A095-20-28X	A095-24-34X	A095-44-56X	A095-54-68X
		10°C	A014-10-6D	A014-14-8D	A014-18-8D	A014-22-10D	A014-24-14D	A014-40-24D	A026-22-28H	A026-36-46H	A095-18-24X	A095-22-30X	A095-40-52X	A095-48-62X
		3°C	A014-18-8D	A014-22-12D	A014-24-14D	A014-38-22D	A026-18-24H	A026-22-28H	A026-38-48H	A095-20-28X	A095-30-42X	A095-42-54X	A095-68-86X	--
空气入口=40°C Air inlet=40°C	Dew Point 露点	7°C	A014-14-8D	A014-18-10D	A014-22-10D	A014-24-14D	A014-36-22D	A026-18-24H	A026-30-36H	A026-44-58H	A095-24-32X	A095-28-40X	A095-52-64X	A095-66-80X
		10°C	A014-12-8D	A014-18-8D	A014-20-10D	A014-24-12D	A014-24-16D	A026-16-20H	A026-26-32H	A026-40-52H	A095-20-30X	A095-26-38X	A095-46-58X	A095-58-74X
		3°C	A014-20-10D	A014-24-14D	A014-24-16D	A014-42-28D	A026-20-24H	A026-26-32H	A026-40-54H	A095-22-30X	A095-40-52X	A095-48-64X	A095-78-98X	--
		7°C	A014-14-8D	A014-20-10D	A014-22-12D	A014-24-16D	A014-40-24D	A026-20-26H	A026-32-40H	A026-46-66H	A095-24-36X	A095-32-44X	A095-58-72X	A095-72-92X
空气入口=50°C Air inlet=50°C	Dew Point 露点	10°C	A014-14-8D	A014-18-10D	A014-22-10D	A014-24-14D	A014-36-22D	A026-18-24H	A026-30-36H	A026-44-60H	A095-24-32X	A095-30-42X	A095-52-62X	A095-66-84X
		3°C	A014-22-12D	A014-32-20D	A014-40-24D	A026-20-24H	A026-22-28H	A026-32-38H	A026-46-66H	A095-28-38X	A095-48-60X	A095-60-78X	--	--
		7°C	A014-18-10D	A014-24-12D	A014-24-16D	A014-40-24D	A026-18-24H	A026-24-30H	A026-40-52H	A095-20-30X	A095-32-44X	A095-46-58X	A095-72-92X	--
		10°C	A014-18-8D	A014-22-12D	A014-24-14D	A014-36-22D	A014-42-28D	A026-22-28H	A026-36-46H	A095-20-26X	A095-28-40X	A095-44-52X	A095-66-80X	--
空气入口=55°C Air inlet=55°C	Dew Point 露点	3°C	A014-24-14D	A014-40-26D	A026-18-24H	A026-22-28H	A026-38-48H	A026-46-66H	A095-38-48X	A095-58-74X	A095-74-94X	--	--	
		7°C	A014-22-10D	A014-24-16D	A014-38-22D	A026-18-24H	A026-22-26H	A026-28-36H	A026-44-60H	A095-24-36X	A095-42-54X	A095-58-72X	--	--
		10°C	A014-20-10D	A014-24-14D	A014-32-20D	A014-42-54D	A026-40-26H	A026-26-32H	A026-42-54H	A095-24-32X	A095-40-52X	A095-52-64X	A095-80-100X	--
		空气侧接管 Air Connection	Rc 3/4"	Rc 3/4"	Rc 3/4"	Rc 3/4"	Rc 3/4"	Rc 1"	Rc 1-1/4"	Rc 1-1/2"	Rc 2"	Rc 2"	Rc 2-1/2"	3" Flange
氟侧接管 Coolant Connection		9.52mm solder					15.88mm		22.3mm					
Water Drain Connection		Rc 1/2" (female taper BSP thread)												



A014-14-8-D — 流道类型 Passage type

空空侧(预冷)板片数
the number of plates of the precool on air-air side

空气-冷媒侧板片数
The number of plates of the evaporator on air-refrigerant side

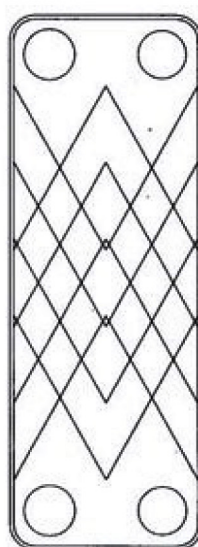
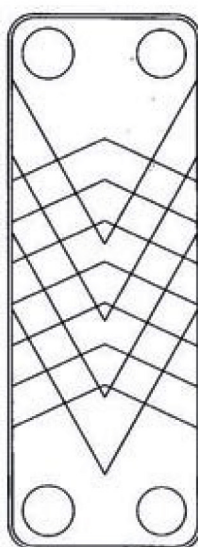
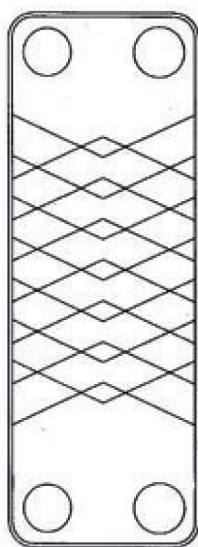
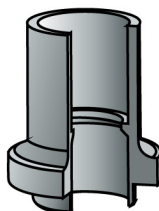
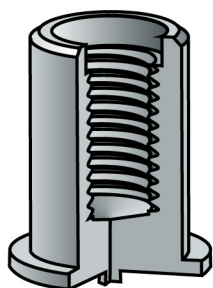
板片类型 Plate Type

A014: L1=206mm; W1=76mm

A026: L1=310mm; W1=111mm

A095: L1=616mm; W1=191mm

焊接模式 Solder mode	铜钎焊 Copper Brazed
最高使用温度 (°C) Max. working Temperature	200 °C
最大工作压力 (bar) Max. Working Pressure	30-冷媒侧 Refrigerant Side 16-空气侧 Air Side
测试压力 (bar) Testing Pressure	43-冷媒侧 Refrigerant Side 24-空气侧 Air Side



D

H

X

