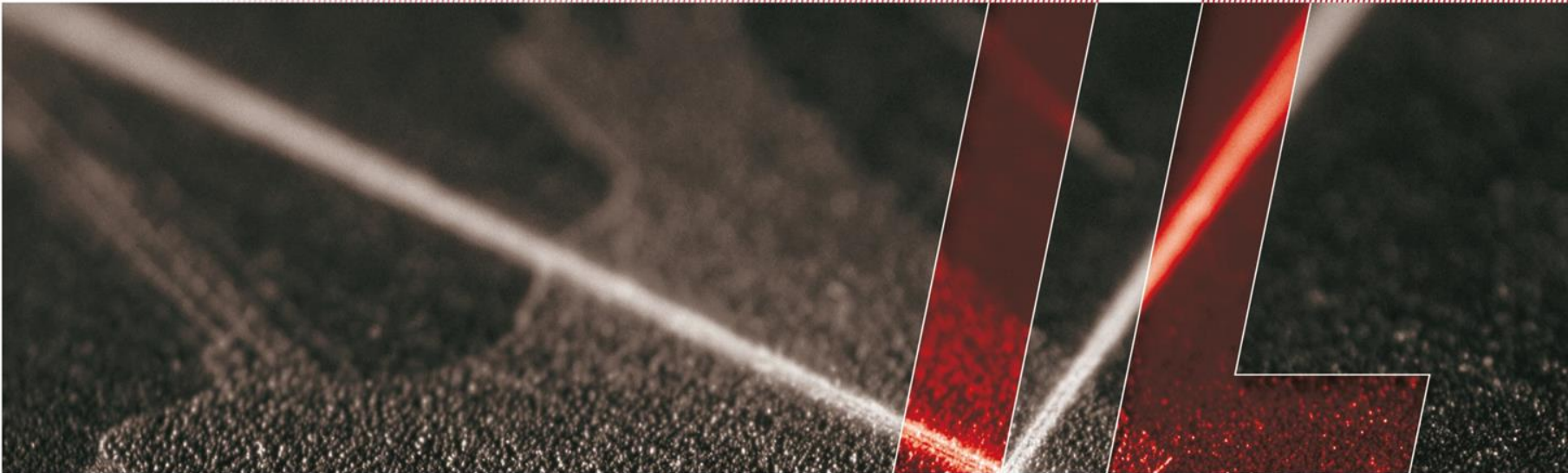


Cooling Configurations for SpitLight

Sales Meeting June 7th 2016



Definition of Cooling Options

All SpitLight Lasers use an internal water circuit for cooling of the laser rods and lamps/diodes

Methods to stabilize the internal cooling water temperature:

- Water to Water - Heat Exchanger
(Optional External Air chiller)
- Water to Air – Internal Chiller

Definition of Cooling Options



1) Water to Water - Heat Exchanger

(Optional: External Chiller)

Water to Water - Setup

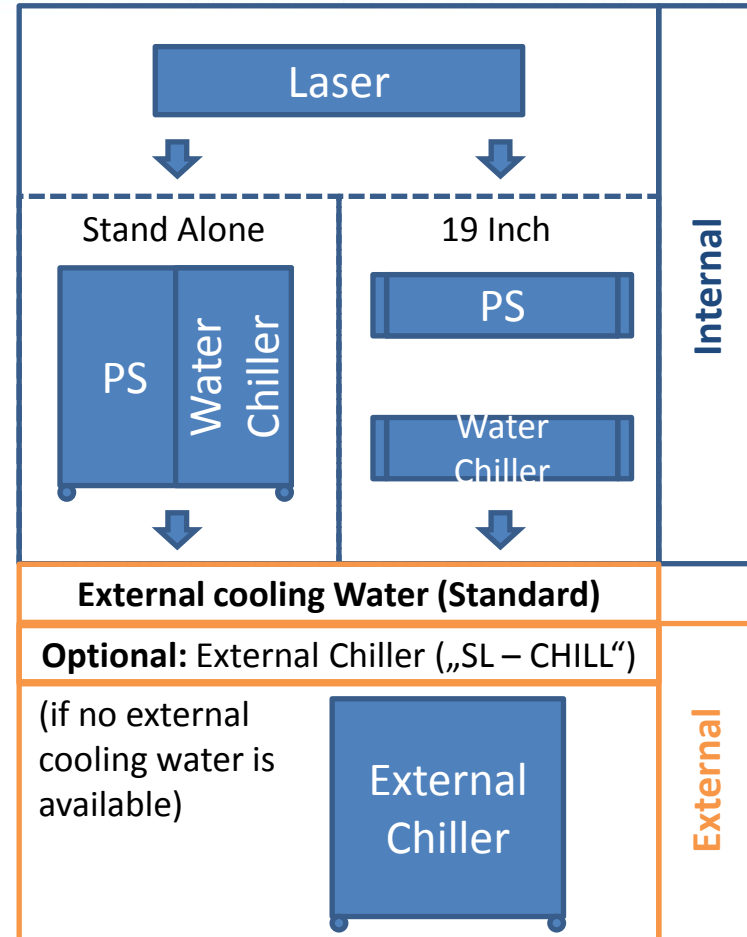
1.) Select Laser Type



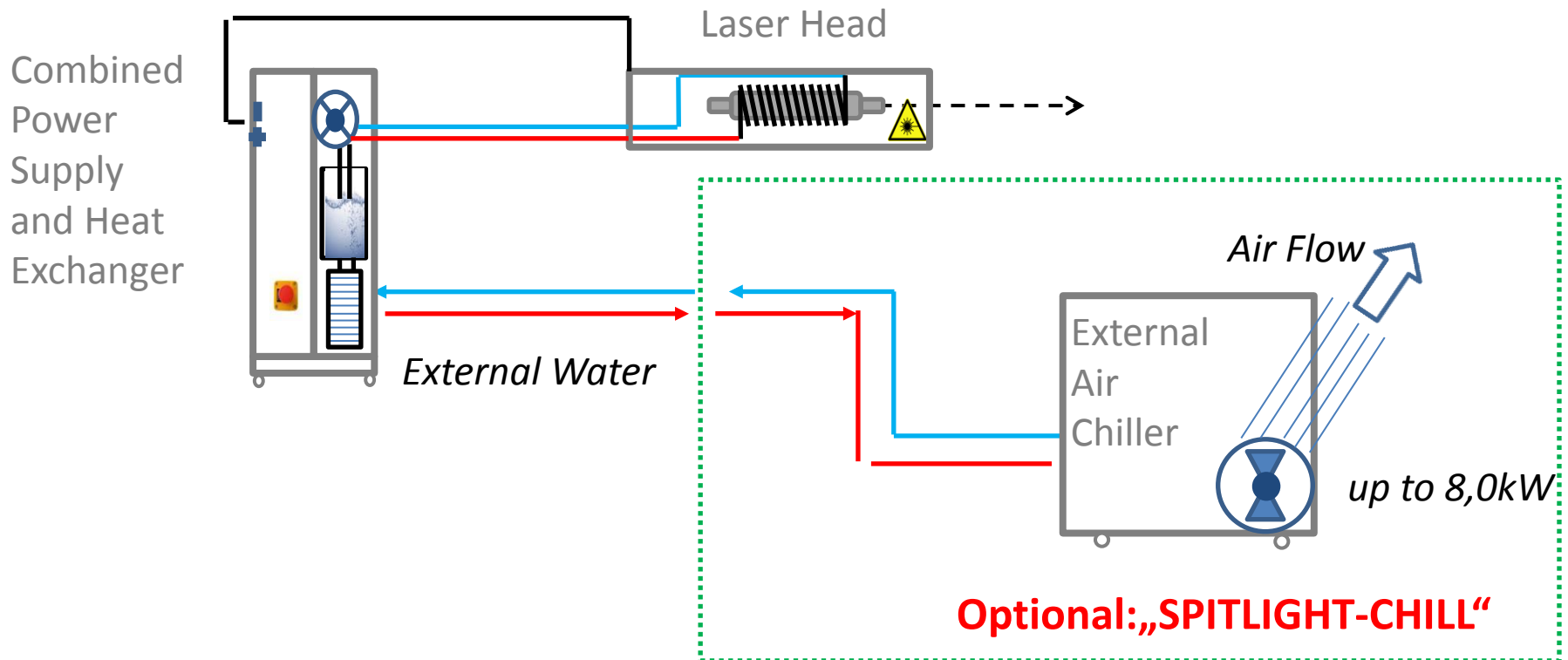
2.) Select Supply Format



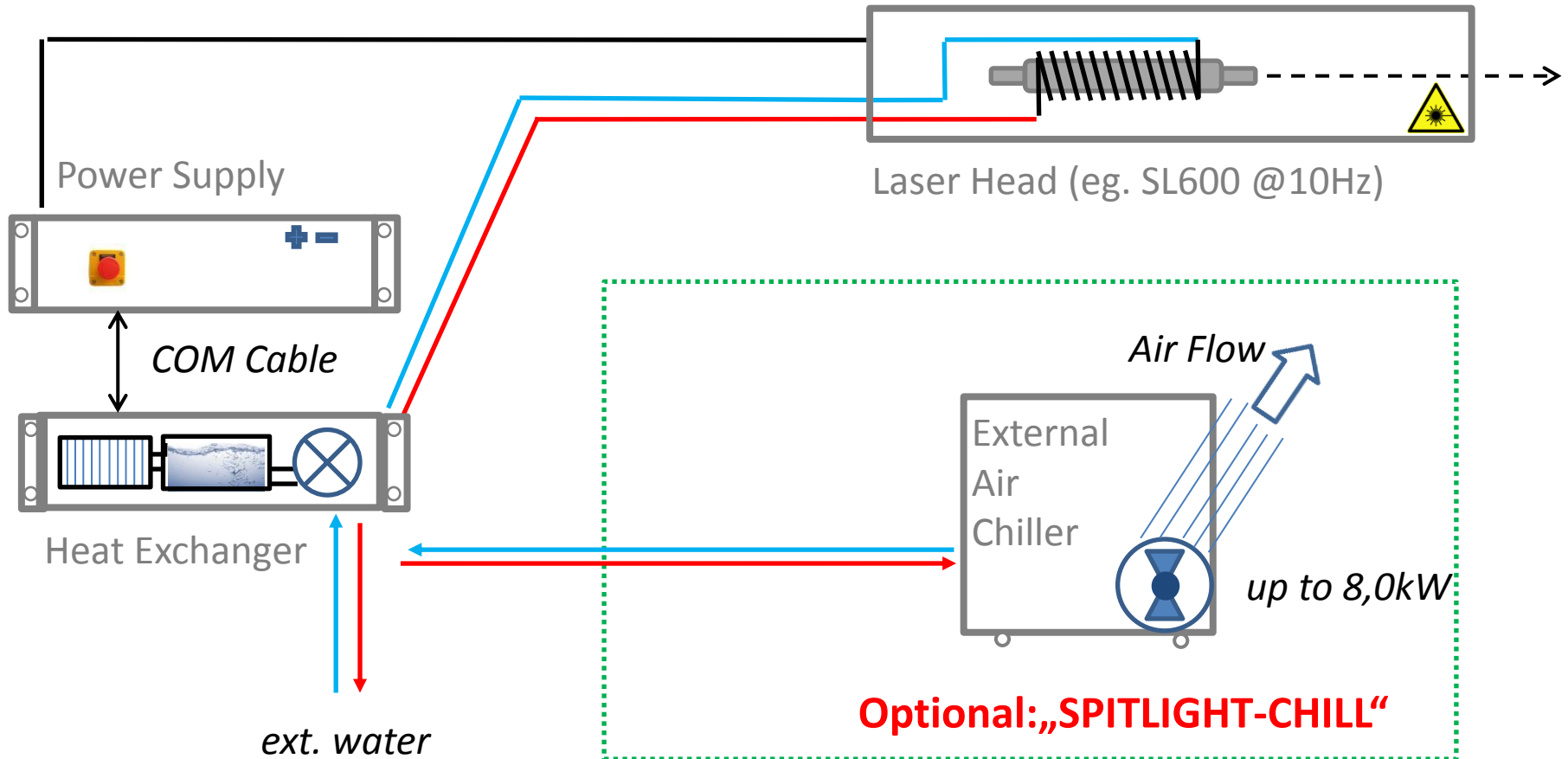
3.) Optional External Chiller



Water to Water – Stand Alone Layout



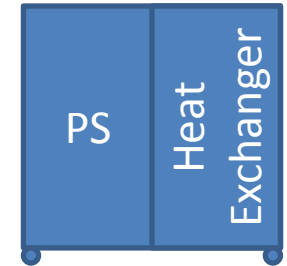
Water to Water – 19" Layout



Water to Water - Versions

1) „Stand Alone“ (Standard for most SpitLight systems)

- DPSS 1 - 150Hz (SL DPSS 10 – 250, not EVO)
- Flashlamp 1 - 50Hz (SL 100 - 2500)



2) 19" rack mountable units:

- DPSS/EVO 1 - 250Hz (SL EVO I – IV and SL DPSS 100-250, not Compact)
- Flashlamp 1 - 30Hz (SL 400 – 600)

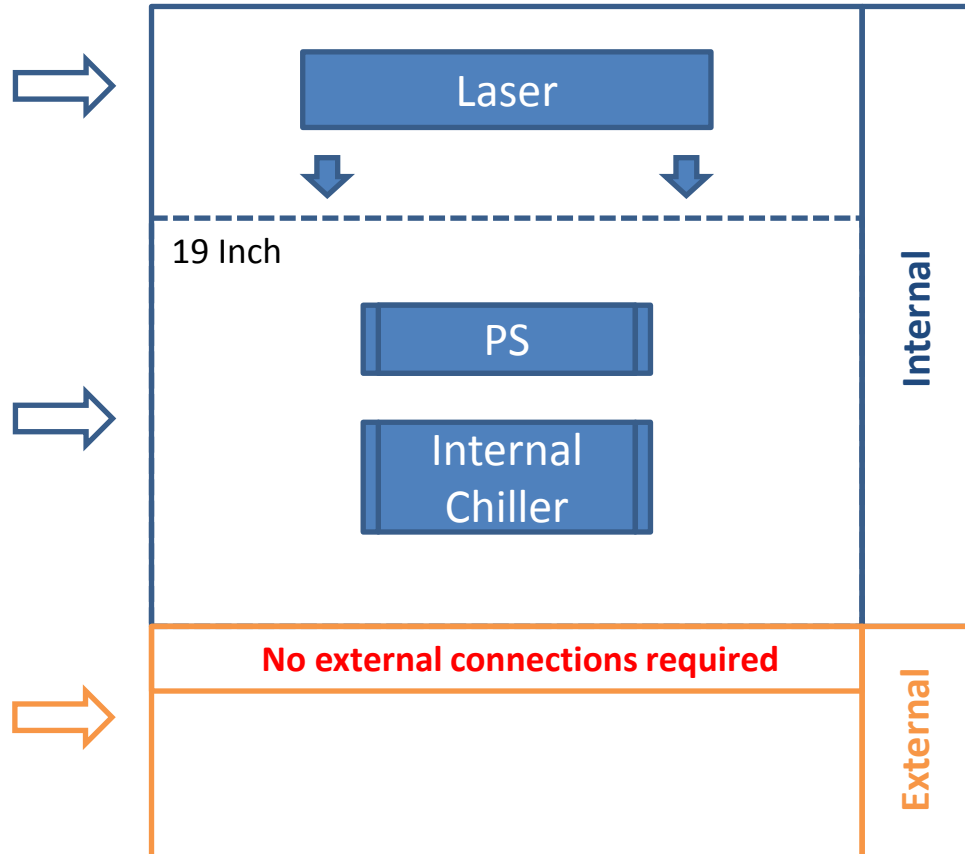


List price applies for both versions!

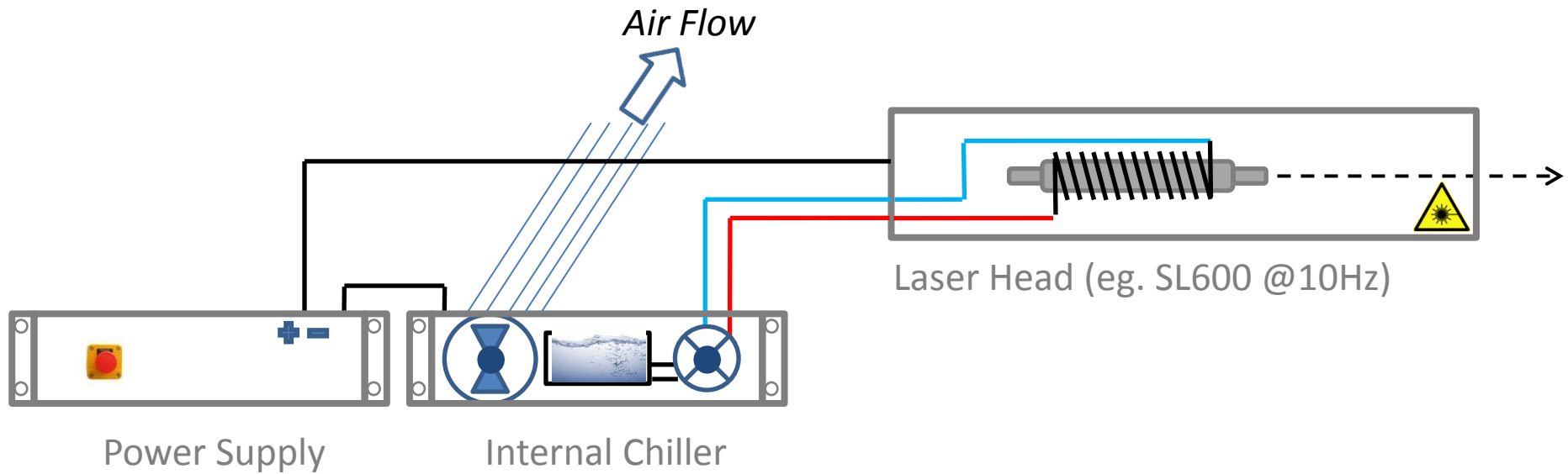
Water to Air - Setup

1.) Select Laser Type

2.) Fixed Supply Format = 19"



Water to Air- Layout



„Internal Chiller (HIB)“

Water to Air - Versions



19" Air Chillers for Internal water circuit are only available **FOR SELECT MODELS:**

- DPSS/EVO 1 - 250Hz (SL EVO I – IV and SL DPSS 100-250, not Compact)
- Flashlamp 1 - 30Hz (SL 400 – 600)



0,5kW / 5RU



1,5kW / 7RU



0,8kW / 6RU



2,4kW / 9RU

For required cooling power, ALWAYS contact Innolas Sales!

Attention



- Always keep in mind that all air chillers require minimum 1 meter free space for air circulation
- All 19" coolers require a communication cable to the power supply → inform us if customer wants to place cooler apart from power supply
- Note that air chillers are specified for ~20-25°C environment temperature, make sure the customer can supply that