

STEAM CONDENSING MODULE WITH INTEGRAL, STACKED VENT CONDENSER

ABSTRACT

An air-cooled steam condensing module with an integral vent condenser has a steam header (12), one or more rows of condensing tubes (14) between the steam header (12) and a (generally lower) common condensate header (26). The module also has at least one row of vent condenser or dephlegmator tubes (28) located adjacent the condensing tubes (14) which connect the lower header (26) to a vent header (30). The dephlegmator tubes (28) may be of the same or larger diameter than the condensing tubes (14).

Fig. 1.