

# CORECOOL

DESIGNED BY DIE-PRO

PLC CONTROLLED COOLING SYSTEM ●

SELF CONTAINED WATER  
COOLING SYSTEM ●

COOLING WATER DISCHARGE PRESSURES  
UP TO 450 PSI (22-31 BAR) ●

FLOW AND PRESSURE RATE  
PROCESS MONITORING SYSTEM ●

AIR DECAY/FLOW TEST AFTER EACH  
COOLING CYCLE ●

## JET COOLING TEMPERATURE CONTROL SYSTEMS

Some of the most difficult and complex casting issues arise from temperature control issues. Soldering, Shrink Porosity, Leaks, are sometimes difficult to solve. Our CoreCool systems simplify these issues and help you achieve a higher quality product at faster cycle times and a higher degree of precision and consistency.



# STAY IN CONTROL

TEMPERATURE CONTROL IS VITAL FOR  
DIE CASTING AND INJECTION MOLDING APPLICATIONS.

**DIE-PRO HELPS YOU KEEP YOUR COOL.**

**DESIGNED BY DIE-CASTERS FOR DIE-CASTERS**



SCAN FOR MORE INFO

# CORECOOL

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	MODEL	3.3.10	3.3.15	3.3.30
CLOSED LOOP SYSTEM	Number of Cooling Circuits	20	30	60
	Number of Cooling Zones	4 or 6	4 or 6	4 or 6
	Number of Air Purge Zones	4 or 6	4 or 6	4 or 6
	Cooling Water Flow (Continuous) Deionized	10 GPM (38 LPM)	15 GPM (57 LPM)	30 GPM (114 LPM)
	Cooling Water Outlet Pressure	60-325 PSI (4-22 Bar)	60-325 PSI (4-22 Bar)	60-325 PSI (4-22 Bar)
	Tank Cooling System	Indirect Exchanger	Indirect Exchanger	Indirect Exchanger
	Tank Cooling System Flow Requirements	5 GPM (19 LPM) @ 80 °F Process Water	10 GPM (38 LPM) @ 80 °F Process Water	15 GPM (57 LPM) @ 80 °F Process Water
	Flow/Pressure Process Monitoring	Totalized Flow and Outlet Pressure Monitoring	Totalized Flow and Outlet Pressure Monitoring	Totalized Flow and Outlet Pressure Monitoring
	Cooling Circuit Leak Test	Air Pressure Decay	Air Pressure Decay	Air Pressure Decay
	Power Requirements	240-600VAC 3PH 15Amp	240-600VAC 3PH 25Amp	240-600VAC 3 PH 45Amp
	Control System	Allen Bradley PLC/Touch Panel	Allen Bradley PLC/Touch Panel	Allen Bradley PLC/Touch Panel

	MODEL	3.2.5	3.2.10	3.2.15
OPEN LOOP SYSTEM	Number of Cooling Circuits	10	20	30
	Number of Cooling Zones	4 or 6	4 or 6	4 or 6
	Number of Air Purge Zones	4 or 6	4 or 6	4 or 6
	Cooling Water Flow (Continuous) Deionized	5 GPM (19 LPM)	10 GPM (38 LPM)	15 GPM (57 LPM)
	Cooling Water Outlet Pressure	60-450 psi (4-31 Bar)	60-450 psi (4-31 Bar)	60-450 psi (4-31 Bar)
	Flow/Pressure Process Monitoring	Totalized Flow and Outlet Pressure Monitoring	Totalized Flow and Outlet Pressure Monitoring	Totalized Flow and Outlet Pressure Monitoring
	Cooling Circuit Leak Test	Air Pressure Decay	Air Pressure Decay	Air Pressure Decay
	Power Requirements	240-600VAC 3PH 15Amp	240-600VAC 3PH 25Amp	240-600VAC 3 PH 45Amp
	Control System	Allen Bradley PLC/Touch Panel	Allen Bradley PLC/Touch Panel	Allen Bradley PLC/Touch Panel

**DIE-PRO PRODUCTS ARE DESIGNED AND BUILT IN THE USA**

